

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110322\
 Data File : VX032562.D
 Acq On : 03 Nov 2022 17:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/04/2022
 Supervised By : Mahesh Dadoda 11/04/2022

Quant Time: Nov 04 06:20:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	112249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	175797	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76935	49.328	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.660%		
35) Dibromofluoromethane	5.385	113	62115	49.534	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.060%		
50) Toluene-d8	8.653	98	209241	47.987	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.980%		
62) 4-Bromofluorobenzene	11.079	95	86100	50.550	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	66304	51.215	ug/l	99
3) Chloromethane	1.294	50	52651	48.089	ug/l	97
4) Vinyl Chloride	1.374	62	59643	49.498	ug/l	98
5) Bromomethane	1.605	94	49717	51.631	ug/l	97
6) Chloroethane	1.685	64	39747	49.170	ug/l	100
7) Trichlorofluoromethane	1.886	101	113129	49.550	ug/l	99
8) Diethyl Ether	2.136	74	36420	49.224	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	59590	49.451	ug/l	98
10) Methyl Iodide	2.453	142	75255	55.911	ug/l	100
11) Tert butyl alcohol	2.959	59	56560	249.153	ug/l	100
12) 1,1-Dichloroethene	2.319	96	53775	47.770	ug/l	93
13) Acrolein	2.233	56	55723	245.883	ug/l	100
14) Allyl chloride	2.666	41	91167	50.805	ug/l	99
15) Acrylonitrile	3.062	53	149462	242.599	ug/l	99
16) Acetone	2.380	43	135408	238.870	ug/l	98
17) Carbon Disulfide	2.514	76	120134	44.805	ug/l	99
18) Methyl Acetate	2.703	43	96107	52.136	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	199350	50.385	ug/l	99
20) Methylene Chloride	2.788	84	63095	48.545	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	58348	47.618	ug/l	93
22) Diisopropyl ether	3.757	45	198080	51.033	ug/l	89
23) Vinyl Acetate	3.721	43	795600	253.710	ug/l	99
24) 1,1-Dichloroethane	3.611	63	112638	50.452	ug/l	99
25) 2-Butanone	4.556	43	208658	237.587	ug/l	98
26) 2,2-Dichloropropane	4.477	77	91075	51.318	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	72203	50.978	ug/l	99
28) Bromochloromethane	4.897	49	38231	48.075	ug/l	98
29) Tetrahydrofuran	5.007	42	134652	240.441	ug/l	99
30) Chloroform	5.093	83	125341	51.164	ug/l	99
31) Cyclohexane	5.470	56	91446	48.357	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	111989	50.942	ug/l	99
36) 1,1-Dichloropropene	5.696	75	85560	48.997	ug/l	99
37) Ethyl Acetate	4.715	43	86131	47.386	ug/l	98
38) Carbon Tetrachloride	5.678	117	98618	50.918	ug/l	97
39) Methylcyclohexane	7.385	83	100429	48.609	ug/l	99
40) Benzene	6.037	78	244200	49.418	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	47296	51.078	ug/l	98
42) 1,2-Dichloroethane	6.086	62	103090	51.035	ug/l	100
43) Isopropyl Acetate	6.336	43	142290	50.985	ug/l	99
44) Trichloroethene	7.129	130	68004	48.886	ug/l	99
45) 1,2-Dichloropropane	7.434	63	63313	49.912	ug/l	100
46) Dibromomethane	7.580	93	47872	49.209	ug/l	99
47) Bromodichloromethane	7.824	83	95014	51.533	ug/l	99
48) Methyl methacrylate	7.690	41	71514	49.615	ug/l	100
49) 1,4-Dioxane	7.671	88	25365	923.411	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	440029	250.317	ug/l	100
52) Toluene	8.720	92	159888	49.593	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	99905	53.107	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	105224	52.296	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	68890	50.738	ug/l	98
56) Ethyl methacrylate	9.116	69	105489	53.989	ug/l	100
57) 1,3-Dichloropropane	9.311	76	111260	50.743	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	237126	252.040	ug/l	100
59) 2-Hexanone	9.433	43	335363	257.107	ug/l	100
60) Dibromochloromethane	9.525	129	76863	51.829	ug/l	99
61) 1,2-Dibromoethane	9.610	107	73175	50.864	ug/l	99
64) Tetrachloroethene	9.275	164	58658	49.099	ug/l	96
65) Chlorobenzene	10.079	112	179054	48.971	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	69838	50.751	ug/l	99
67) Ethyl Benzene	10.195	91	330214	50.504	ug/l	99
68) m/p-Xylenes	10.305	106	257126	101.276	ug/l	100
69) o-Xylene	10.640	106	126016	51.050	ug/l	98
70) Styrene	10.659	104	211316	51.510	ug/l	99
71) Bromoform	10.799	173	55878	51.359	ug/l #	99
73) Isopropylbenzene	10.963	105	336543	47.093	ug/l	100
74) N-amyl acetate	10.841	43	136099	50.403	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	107541	46.881	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	96334m	48.013	ug/l	
77) Bromobenzene	11.201	156	82175	46.903	ug/l	99
78) n-propylbenzene	11.305	91	392821	47.709	ug/l	100
79) 2-Chlorotoluene	11.366	91	235173	47.693	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	295607	48.398	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	31160	49.418	ug/l	100
82) 4-Chlorotoluene	11.457	91	278935	48.343	ug/l	100
83) tert-Butylbenzene	11.713	119	294976	48.374	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	296195	48.758	ug/l	100
85) sec-Butylbenzene	11.890	105	359062	48.937	ug/l	100
86) p-Isopropyltoluene	12.012	119	310184	49.821	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	159476	48.254	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	162745	47.467	ug/l	99
89) n-Butylbenzene	12.335	91	274679	50.712	ug/l	100
90) Hexachloroethane	12.536	117	50542	49.700	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	159439	48.927	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24245	48.205	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	103649	48.781	ug/l	98
94) Hexachlorobutadiene	13.725	225	41498	46.764	ug/l	99
95) Naphthalene	13.774	128	343207	48.475	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	102188	47.311	ug/l	98

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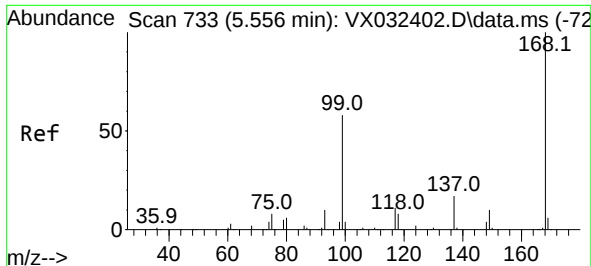
Manual Integrations
APPROVED

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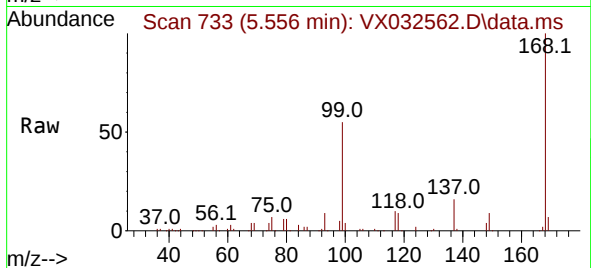
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
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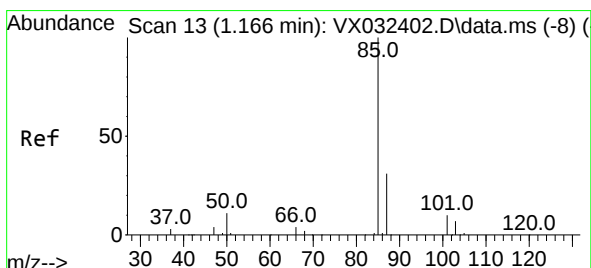
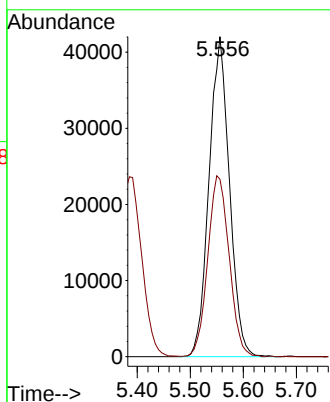
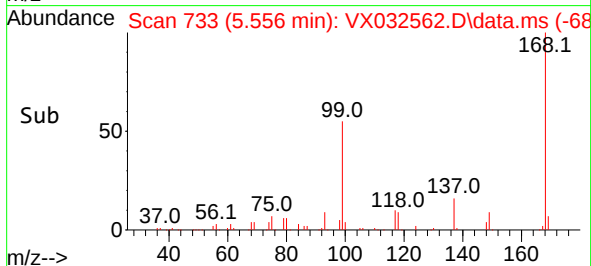
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Tgt Ion:168 Resp: 112249
Ion Ratio Lower Upper
168 100
99 55.5 46.1 69.1

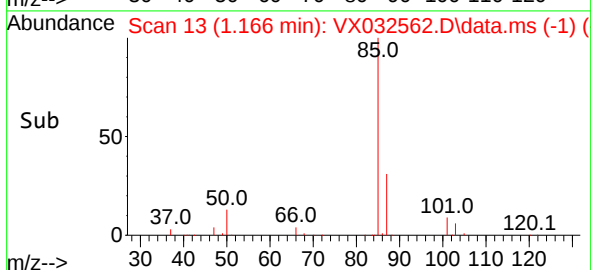
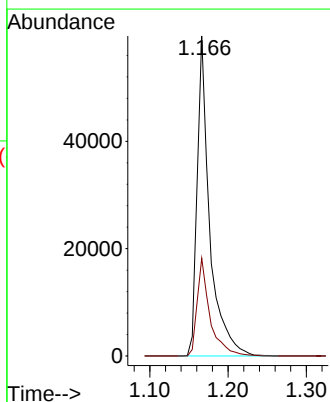
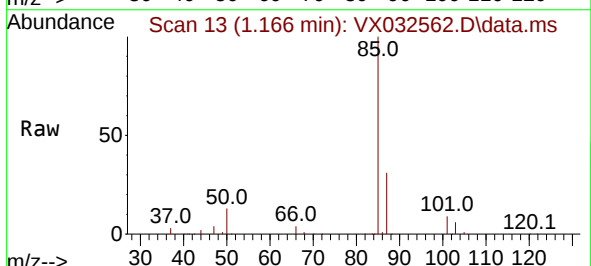
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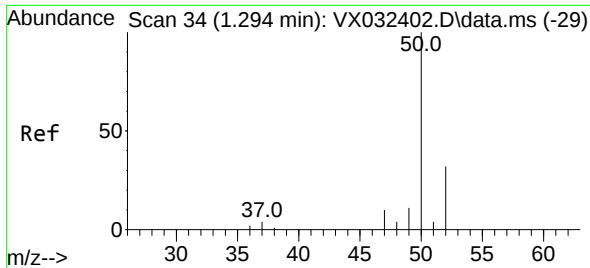
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#2
Dichlorodifluoromethane
Concen: 51.215 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

Tgt Ion: 85 Resp: 66304
Ion Ratio Lower Upper
85 100
87 30.6 15.6 46.7





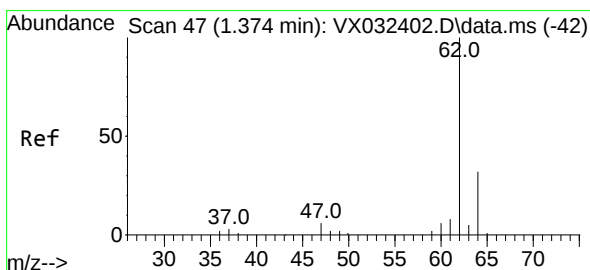
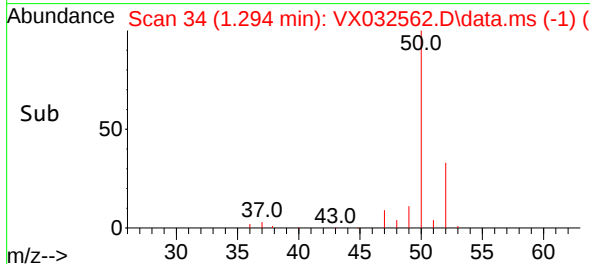
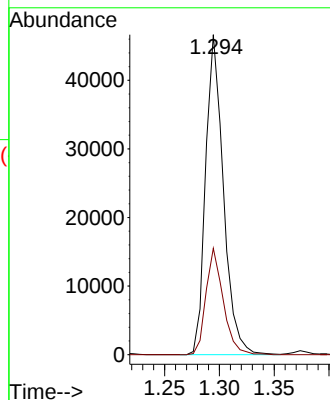
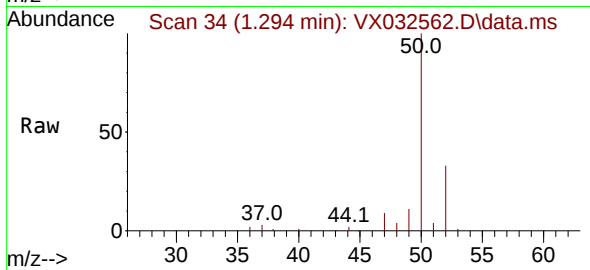
#3
Chloromethane
Concen: 48.089 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX032562.D
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Tgt Ion: 50 Resp: 5265
Ion Ratio Lower Upper
50 100
52 33.2 25.4 38.2

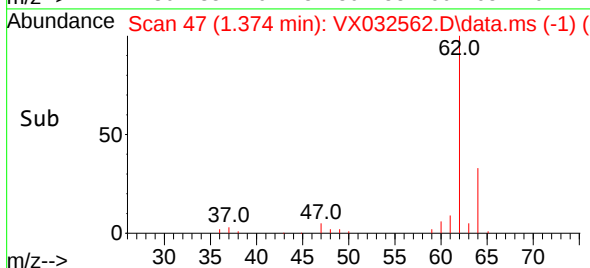
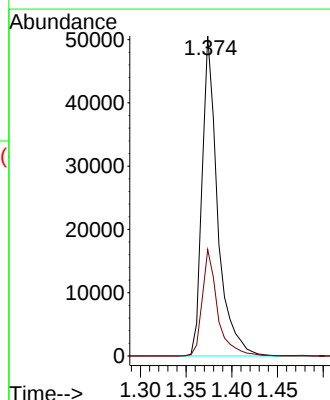
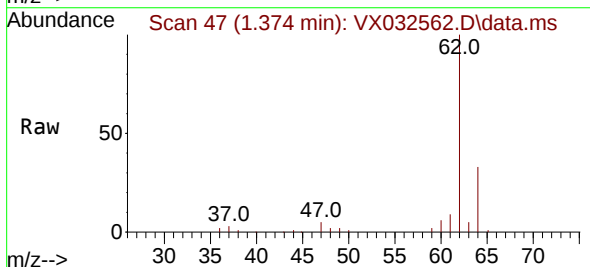
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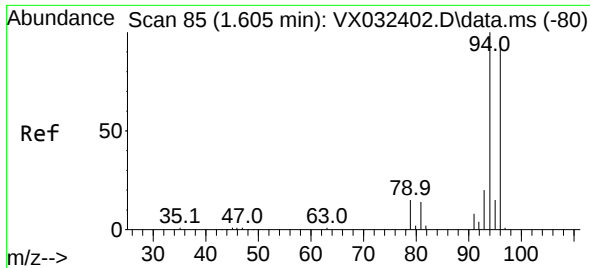
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#4
Vinyl Chloride
Concen: 49.498 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

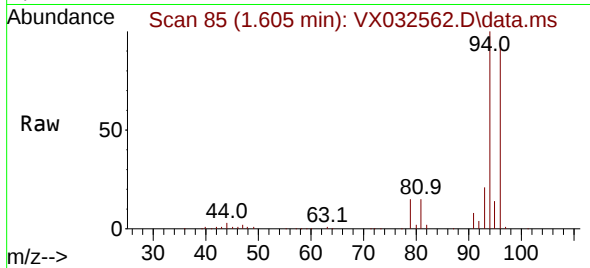
Tgt Ion: 62 Resp: 59643
Ion Ratio Lower Upper
62 100
64 33.2 25.8 38.6





#5
Bromomethane
Concen: 51.631 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.000 min
Lab File: VX032562.D
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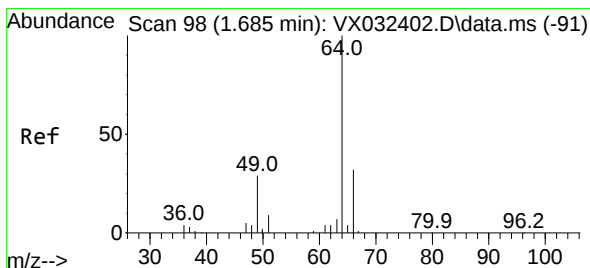
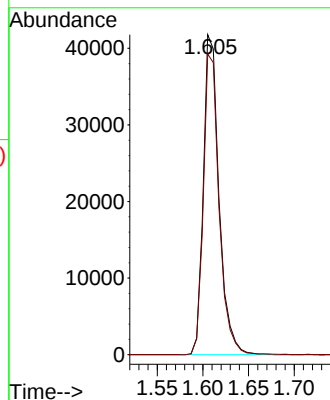
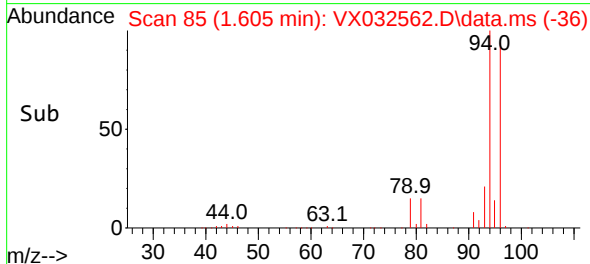
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Tgt Ion: 94 Resp: 4971
Ion Ratio Lower Upper
94 100
96 93.9 77.6 116.4

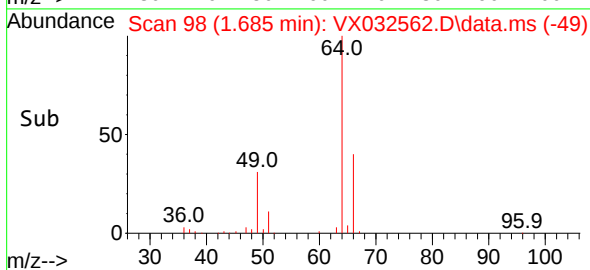
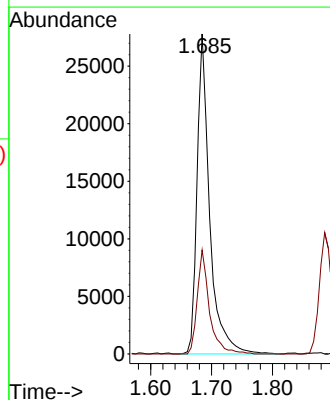
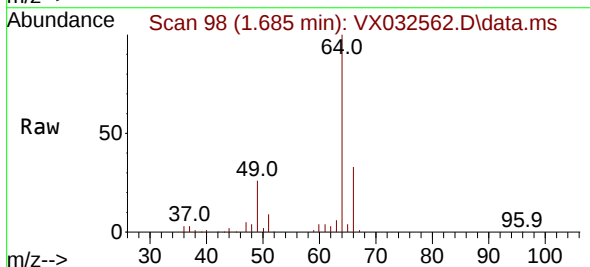
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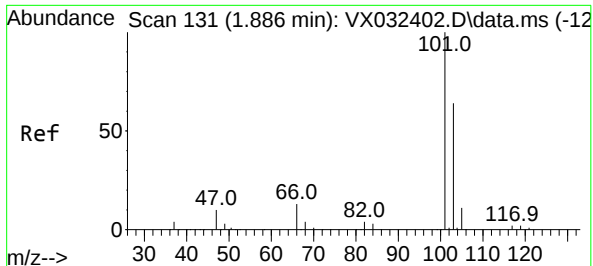
Reviewed By :John Carlone 11/04/2022
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#6
Chloroethane
Concen: 49.170 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX032562.D
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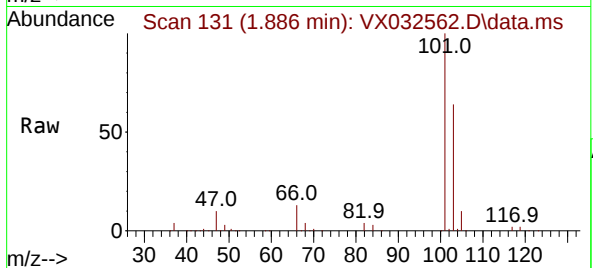
Tgt Ion: 64 Resp: 39747
Ion Ratio Lower Upper
64 100
66 32.5 26.0 39.0





#7
Trichlorofluoromethane
Concen: 49.550 ug/l
RT: 1.886 min Scan# 113129
Delta R.T. -0.000 min
Lab File: VX032562.D
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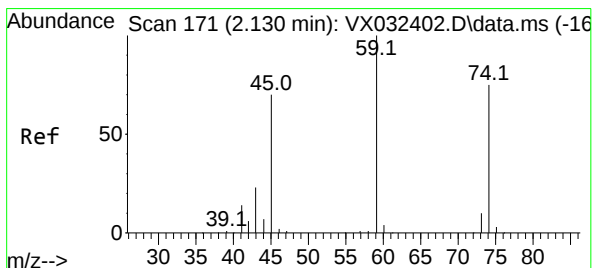
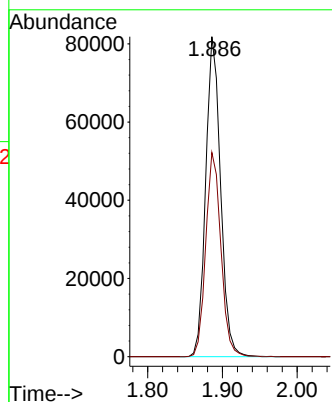
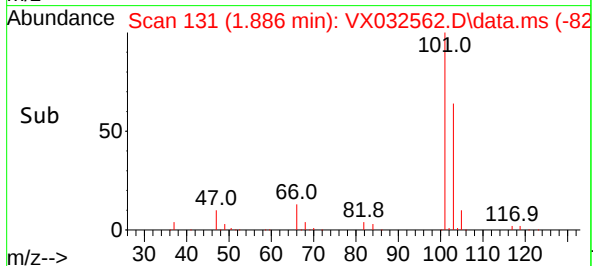
Instrument :
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VSTDCCC050EC



Tgt Ion:101 Resp: 113129
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.2

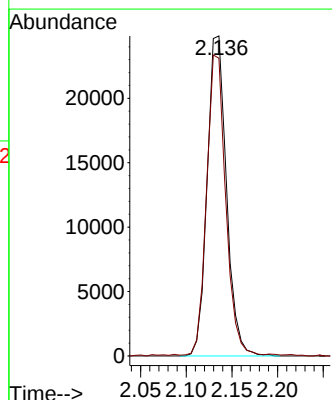
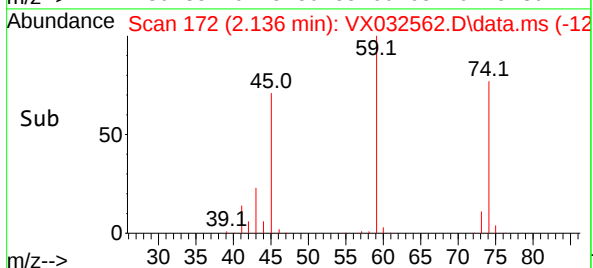
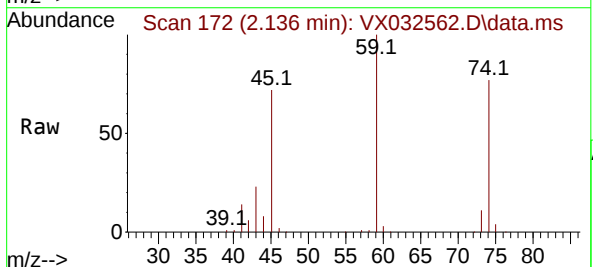
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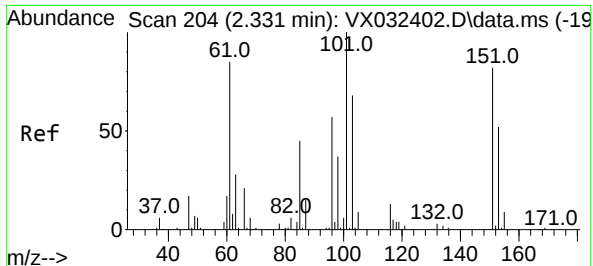
Reviewed By :John Carlone 11/04/2022
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#8
Diethyl Ether
Concen: 49.224 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX032562.D
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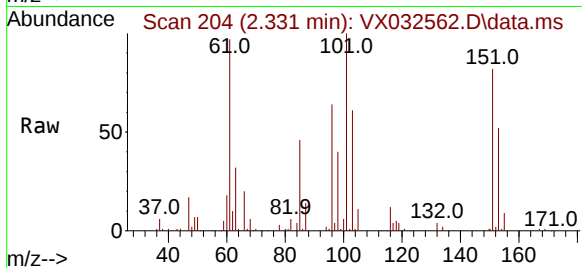
Tgt Ion: 74 Resp: 36420
Ion Ratio Lower Upper
74 100
45 93.9 46.6 139.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.451 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032562.D
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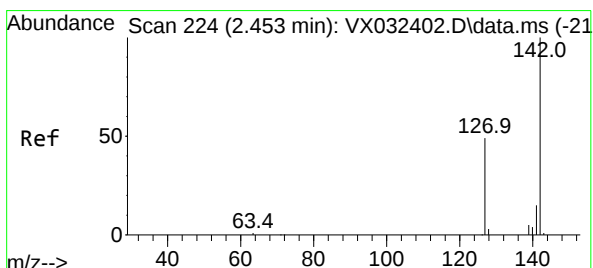
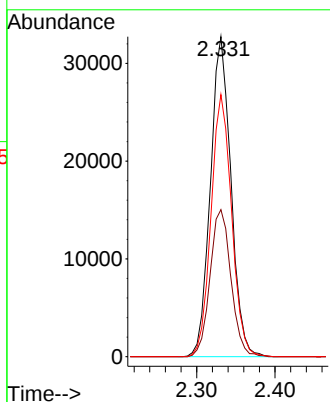
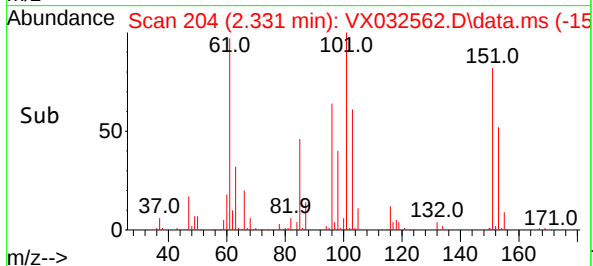
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 59590
Ion Ratio Lower Upper
101 100
85 46.8 37.0 55.4
151 82.2 64.4 96.6

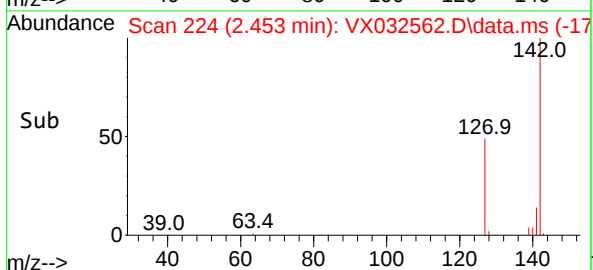
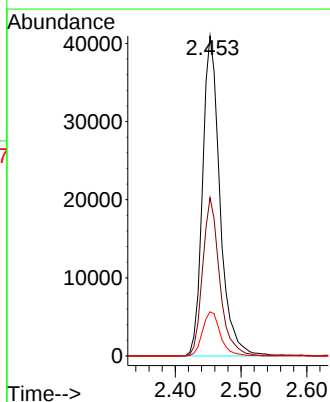
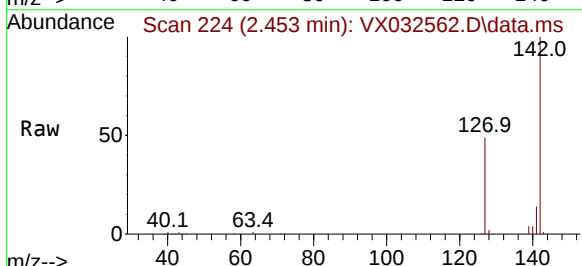
Manual Integrations
APPROVED

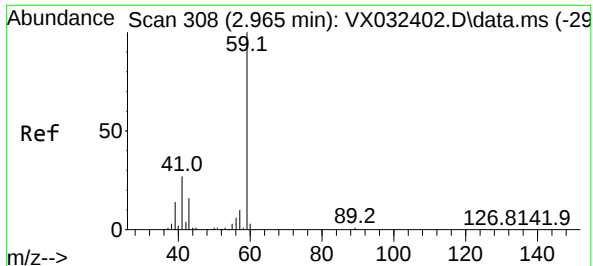
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#10
Methyl Iodide
Concen: 55.911 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

Tgt Ion:142 Resp: 75255
Ion Ratio Lower Upper
142 100
127 48.5 38.6 57.8
141 14.2 11.4 17.2





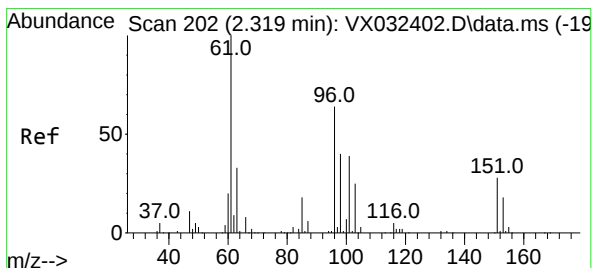
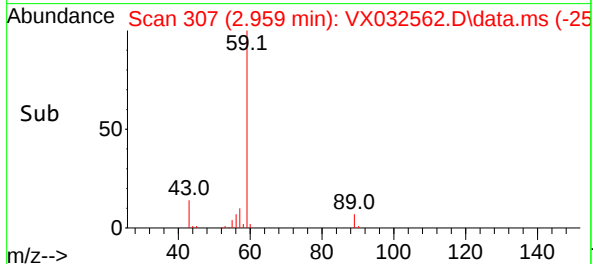
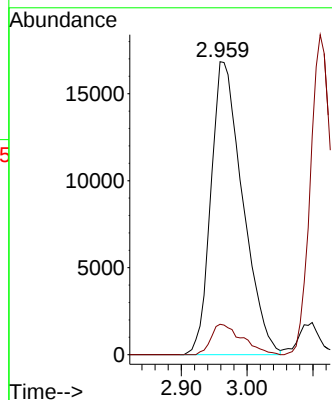
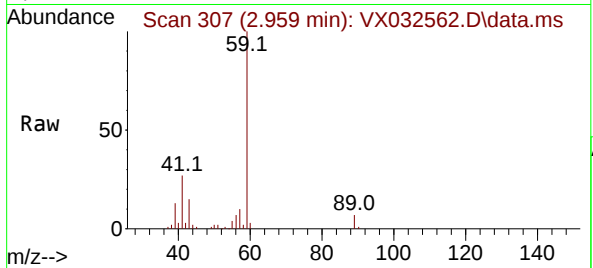
#11
Tert butyl alcohol
Concen: 249.153 ug/l
RT: 2.959 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 56560
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

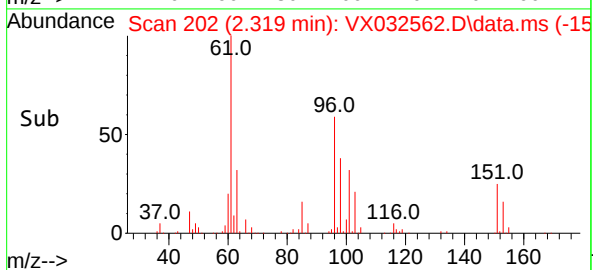
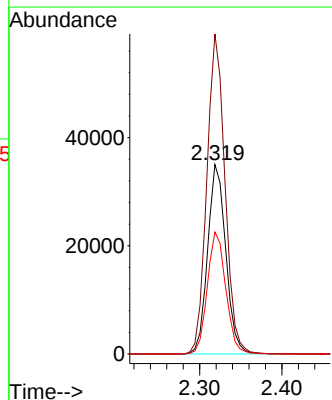
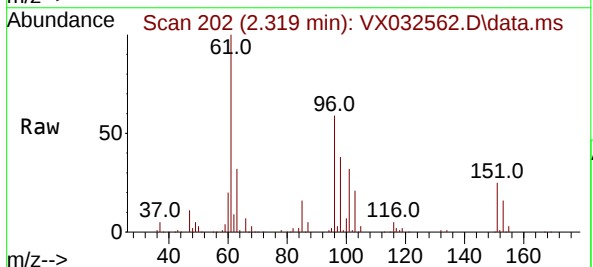
Manual Integrations
APPROVED

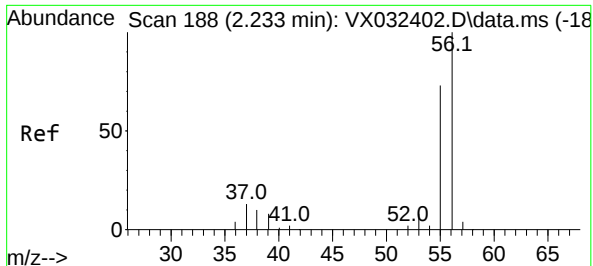
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#12
1,1-Dichloroethene
Concen: 47.770 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

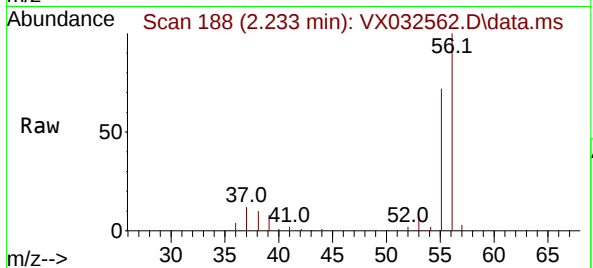
Tgt Ion: 96 Resp: 53775
Ion Ratio Lower Upper
96 100
61 169.0 125.1 187.7
98 64.4 50.6 76.0





#13
Acrolein
Concen: 245.883 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

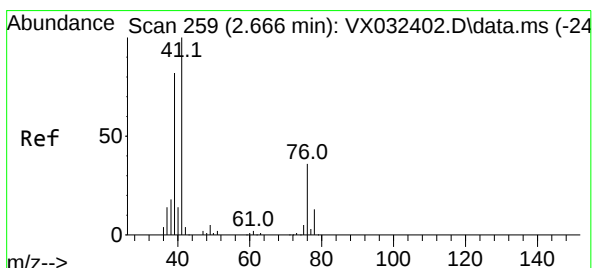
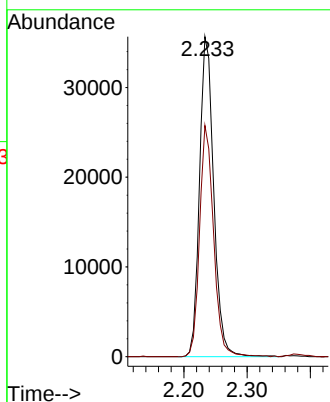
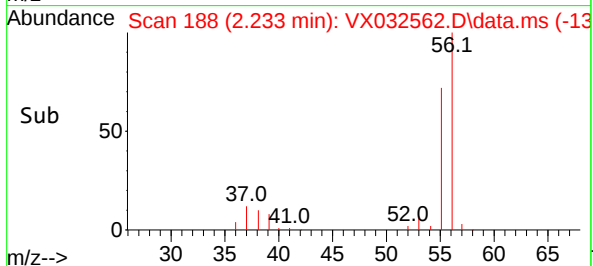
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 5572
Ion Ratio Lower Upper
56 100
55 71.5 56.9 85.3

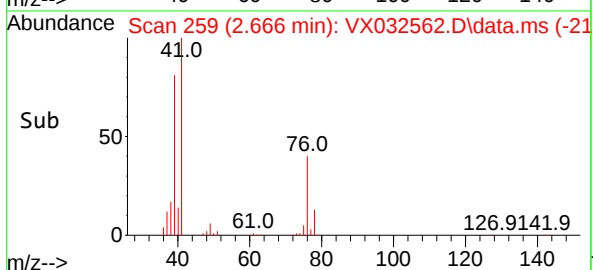
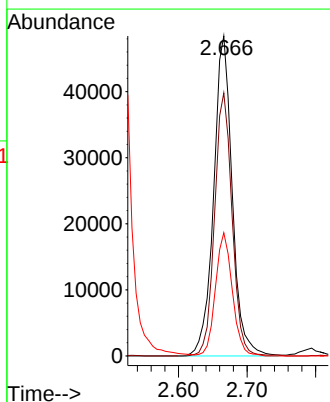
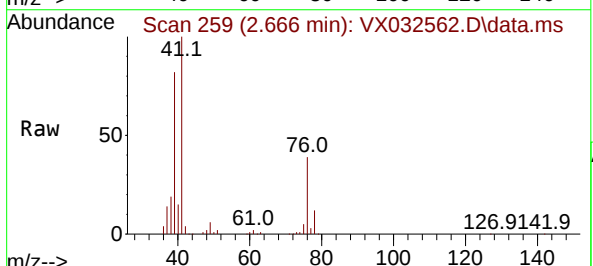
Manual Integrations
APPROVED

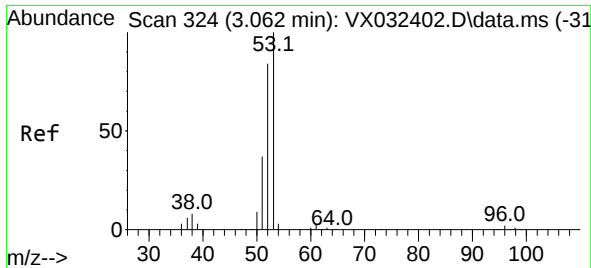
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#14
Allyl chloride
Concen: 50.805 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

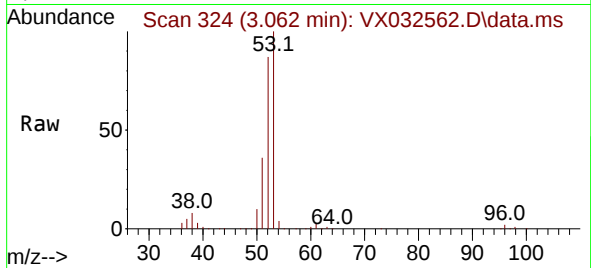
Tgt Ion: 41 Resp: 91167
Ion Ratio Lower Upper
41 100
39 77.0 61.4 92.2
76 34.9 29.2 43.8





#15
Acrylonitrile
Concen: 242.599 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

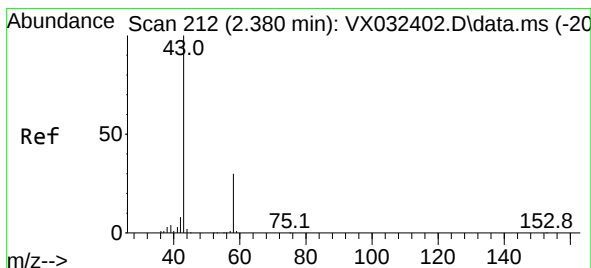
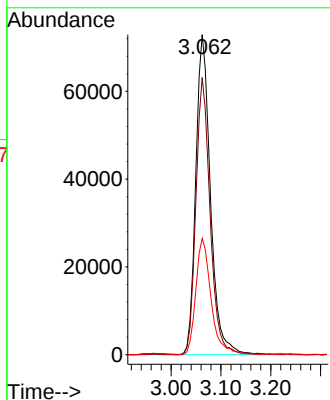
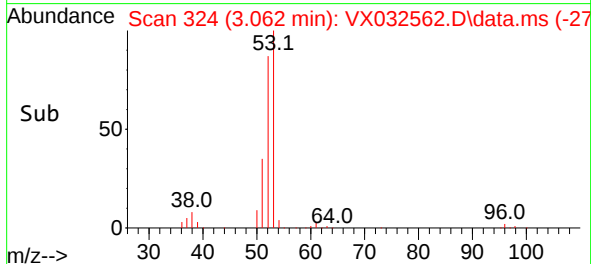
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 149462
Ion Ratio Lower Upper
53 100
52 83.7 67.4 101.0
51 37.4 30.3 45.5

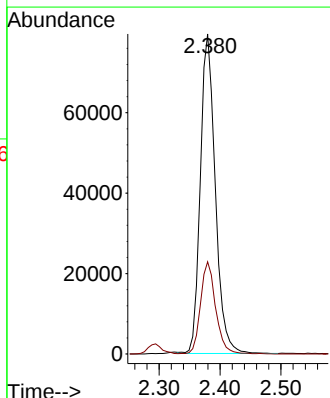
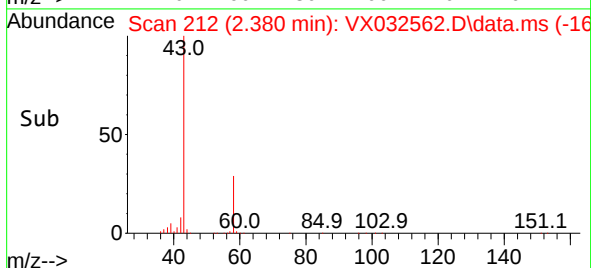
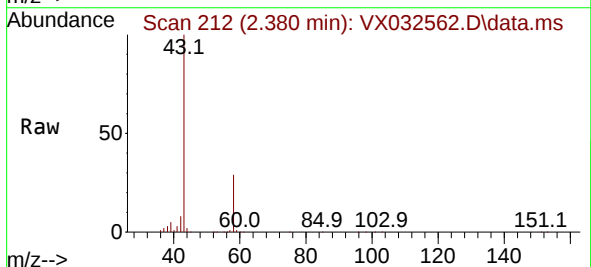
Manual Integrations
APPROVED

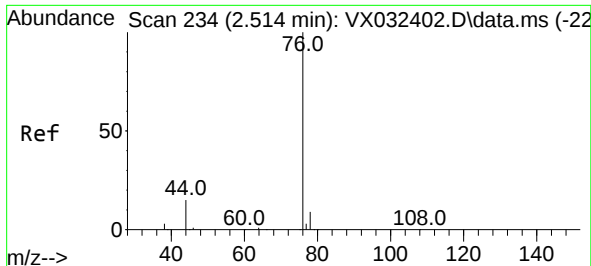
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#16
Acetone
Concen: 238.870 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

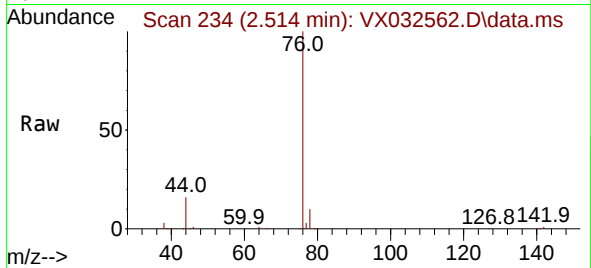
Tgt Ion: 43 Resp: 135408
Ion Ratio Lower Upper
43 100
58 28.8 23.8 35.8





#17
Carbon Disulfide
Concen: 44.805 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

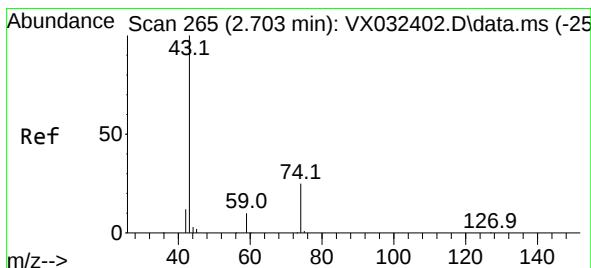
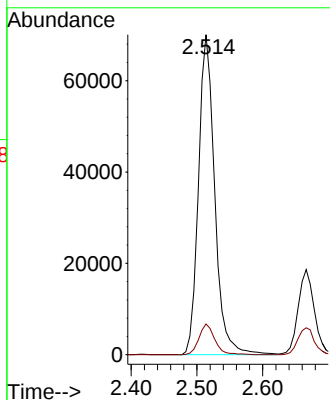
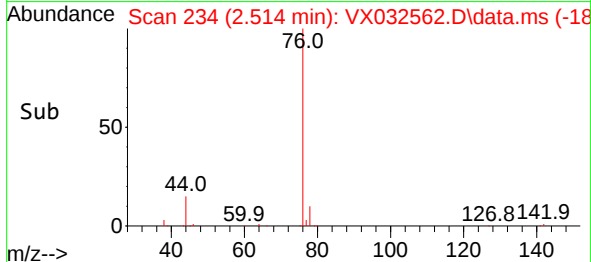
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 120134
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3

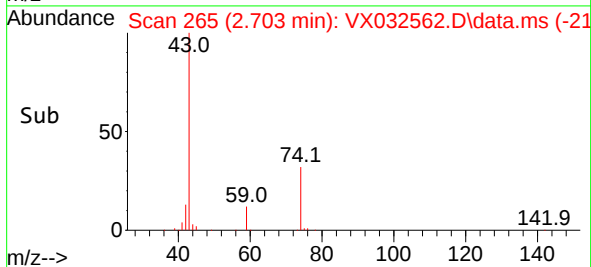
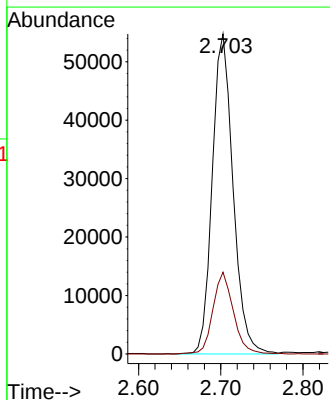
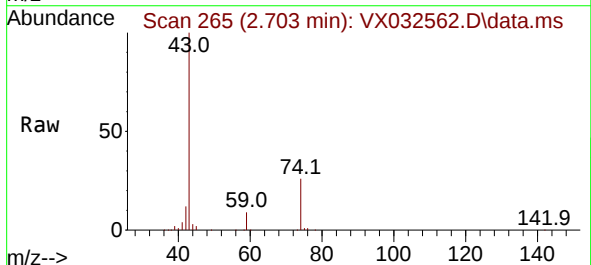
Manual Integrations
APPROVED

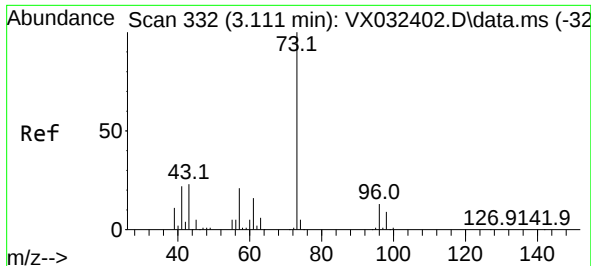
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#18
Methyl Acetate
Concen: 52.136 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

Tgt Ion: 43 Resp: 96107
Ion Ratio Lower Upper
43 100
74 25.1 19.4 29.0





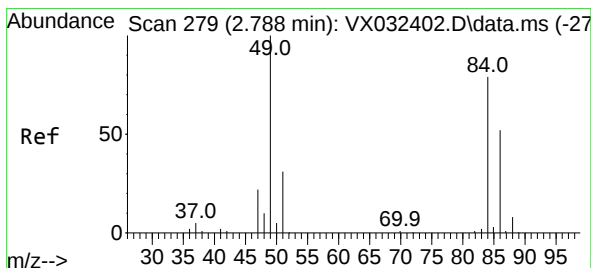
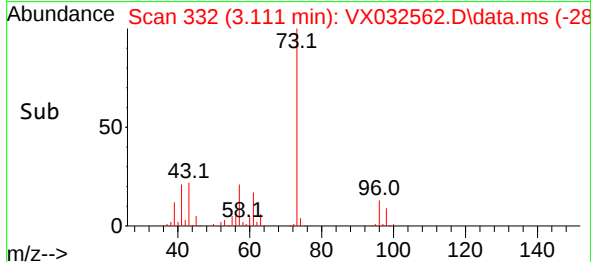
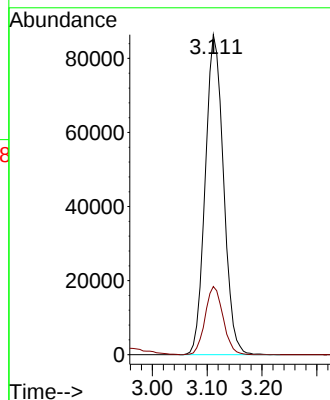
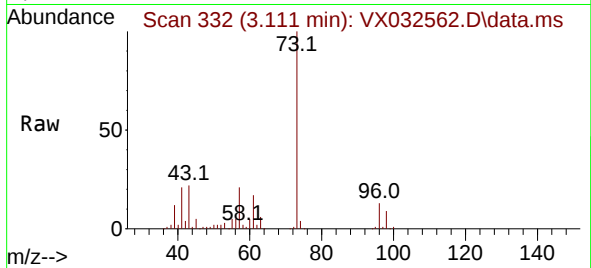
#19
Methyl tert-butyl Ether
Concen: 50.385 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 199350
Ion Ratio Lower Upper
73 100
57 21.3 16.6 25.0

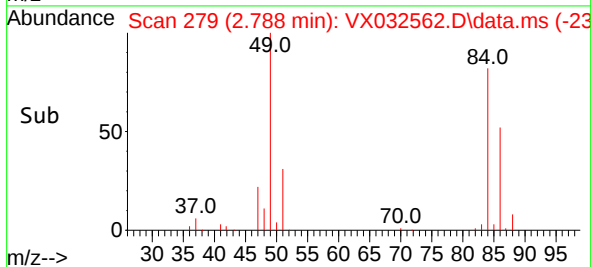
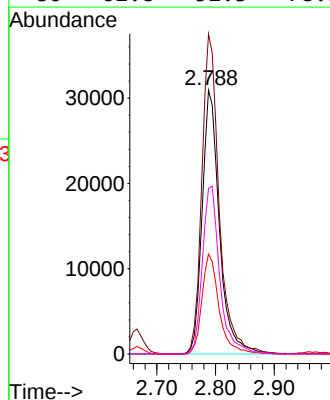
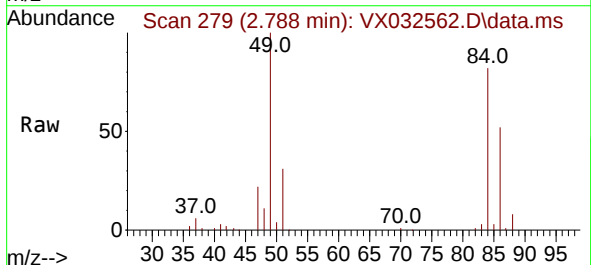
Manual Integrations
APPROVED

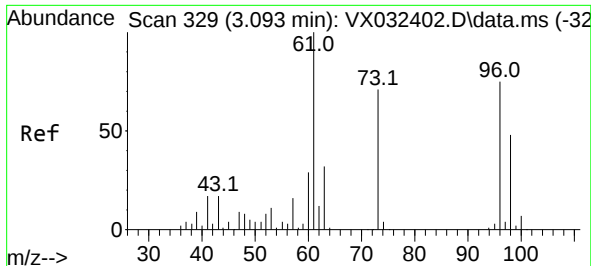
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#20
Methylene Chloride
Concen: 48.545 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

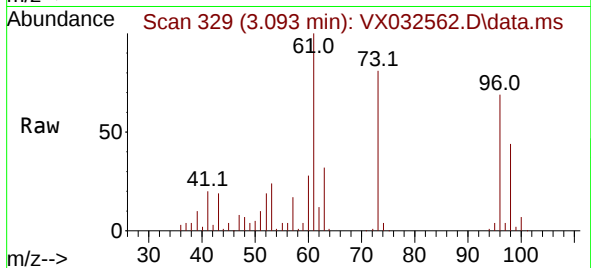
Tgt Ion: 84 Resp: 63095
Ion Ratio Lower Upper
84 100
49 121.3 101.0 151.6
51 37.9 31.1 46.7
86 62.8 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 47.618 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

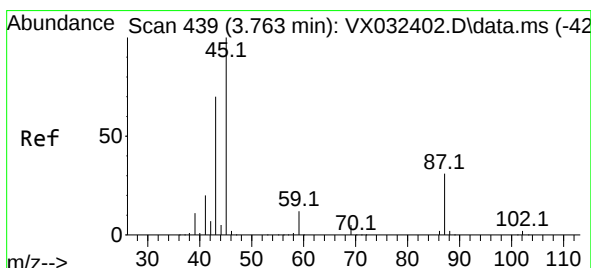
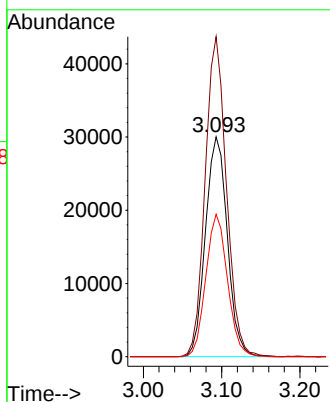
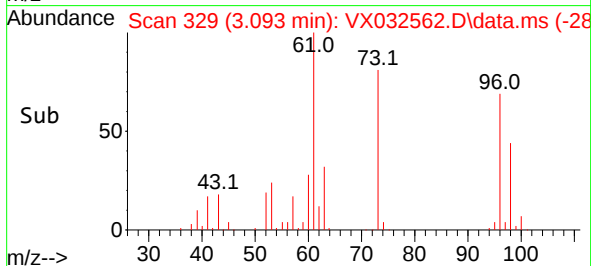
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



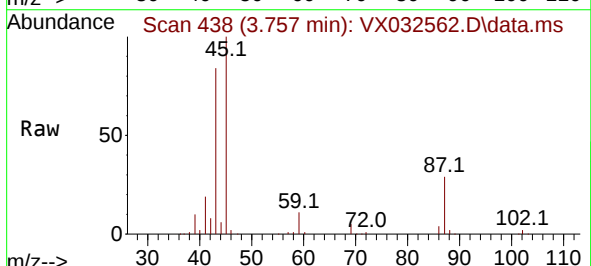
Tgt Ion: 96 Resp: 58348
Ion Ratio Lower Upper
96 100
61 145.6 106.6 160.0
98 64.8 51.0 76.6

Manual Integrations
APPROVED

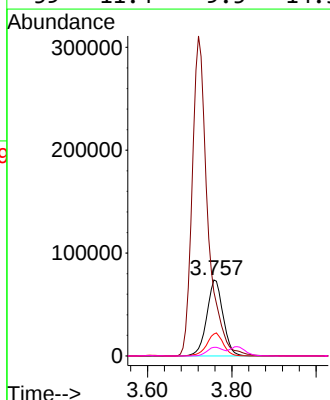
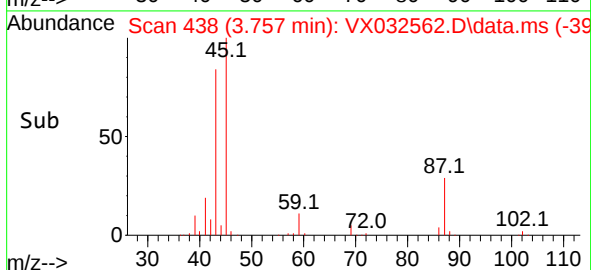
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

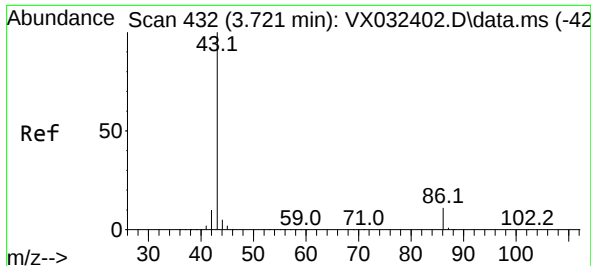


#22
Diisopropyl ether
Concen: 51.033 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47



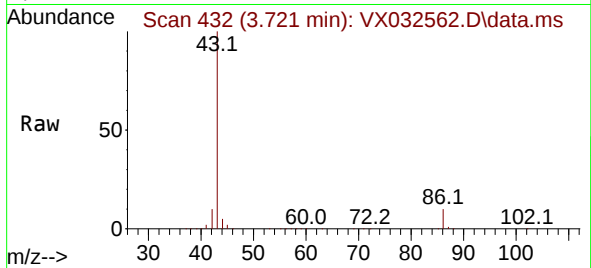
Tgt Ion: 45 Resp: 198080
Ion Ratio Lower Upper
45 100
43 84.1 56.4 84.6
87 28.8 24.4 36.6
59 11.4 9.5 14.3





#23
 Vinyl Acetate
 Concen: 253.710 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX032562.D
 Acq: 03 Nov 2022 17:47

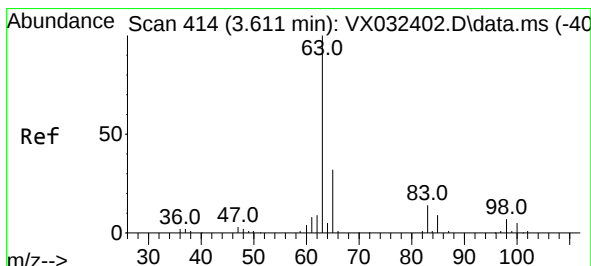
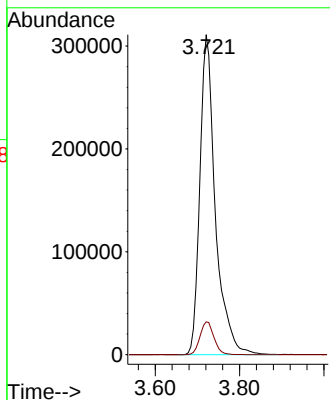
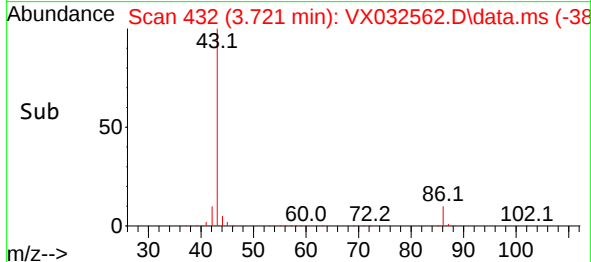
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



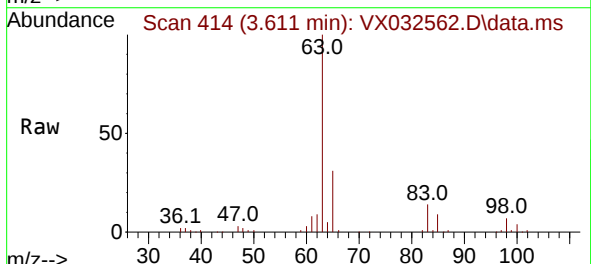
Tgt Ion: 43 Resp: 795600
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.6 12.8

Manual Integrations
 APPROVED

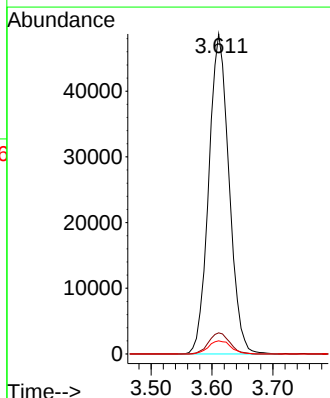
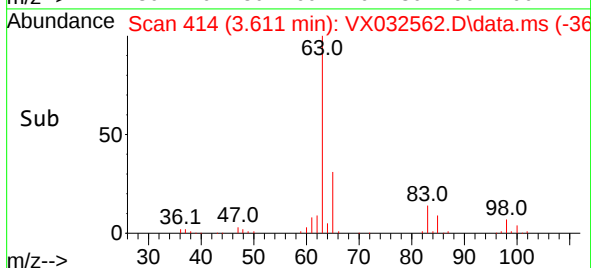
Reviewed By :John Carlone 11/04/2022
 Supervised By :Mahesh Dadoda 11/04/2022

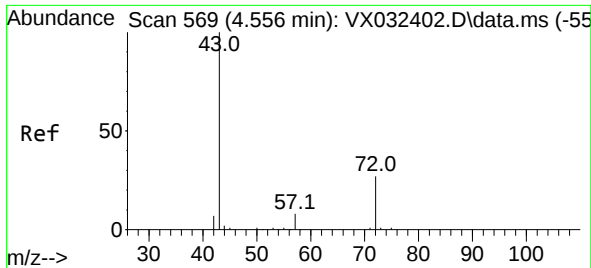


#24
 1,1-Dichloroethane
 Concen: 50.452 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX032562.D
 Acq: 03 Nov 2022 17:47



Tgt Ion: 63 Resp: 112638
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 4.1 2.3 6.8





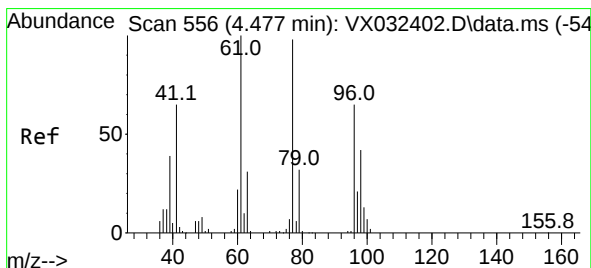
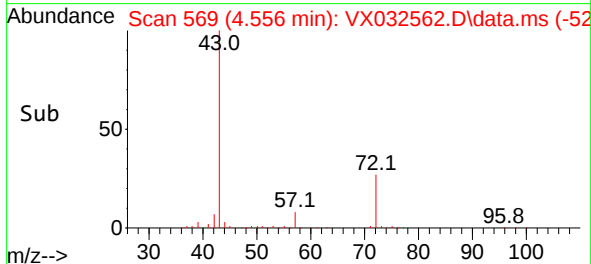
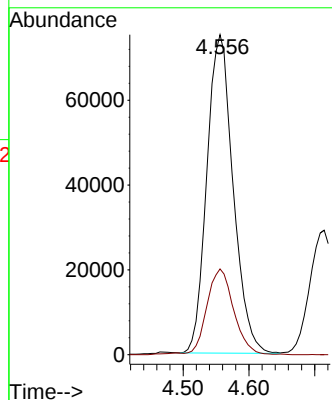
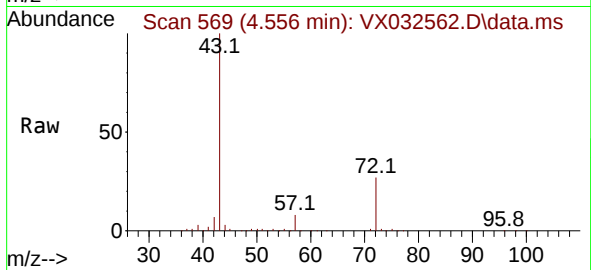
#25
2-Butanone
Concen: 237.587 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 208658
Ion Ratio Lower Upper
43 100
72 26.8 22.2 33.2

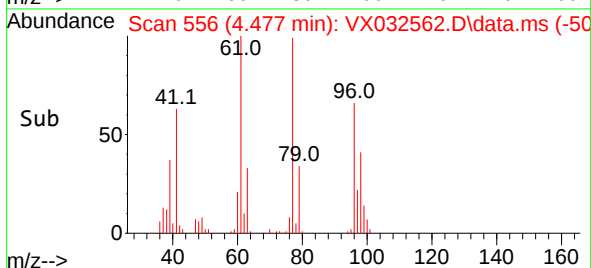
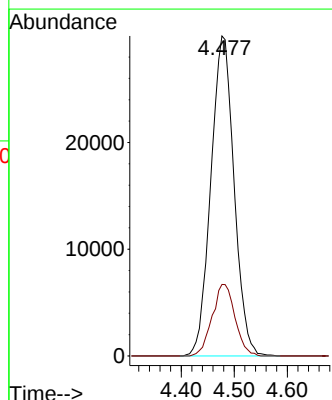
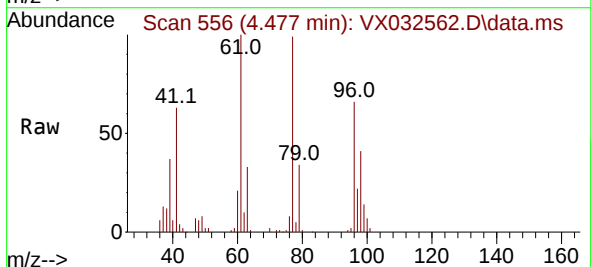
Manual Integrations
APPROVED

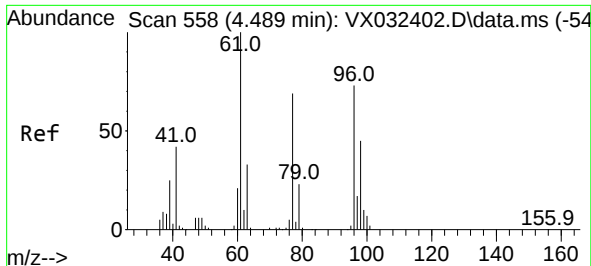
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#26
2,2-Dichloropropane
Concen: 51.318 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

Tgt Ion: 77 Resp: 91075
Ion Ratio Lower Upper
77 100
97 22.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 50.978 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX032562.D

Acq: 03 Nov 2022 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 7220

Ion Ratio Lower Upper

96 100

61 143.7 0.0 286.0

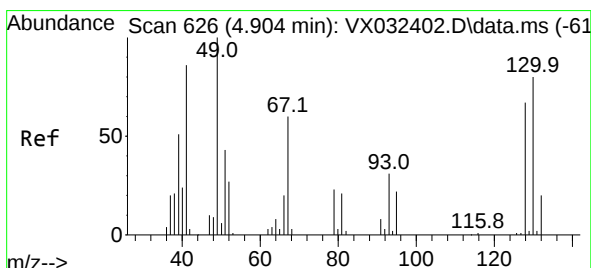
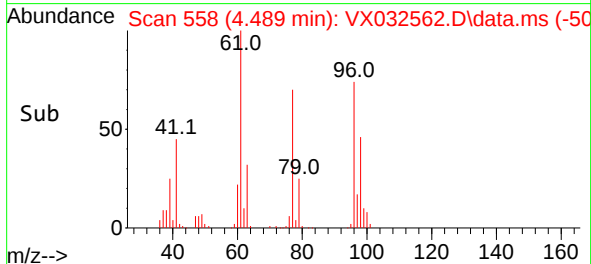
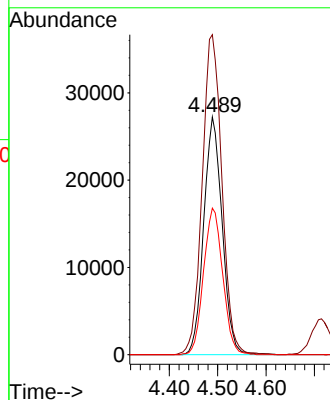
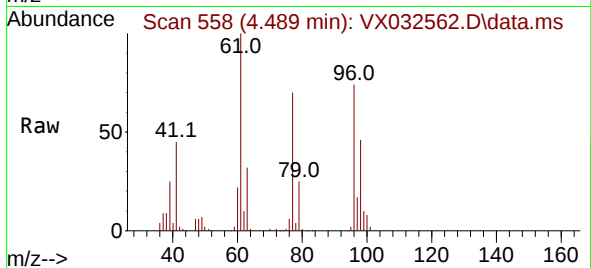
98 63.9 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#28

Bromochloromethane

Concen: 48.075 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX032562.D

Acq: 03 Nov 2022 17:47

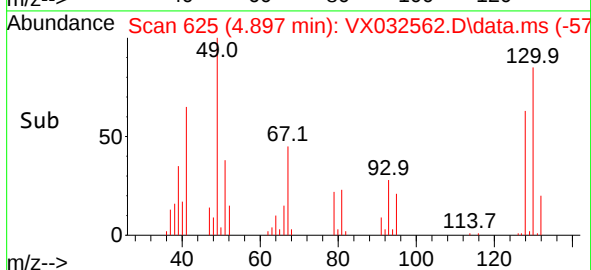
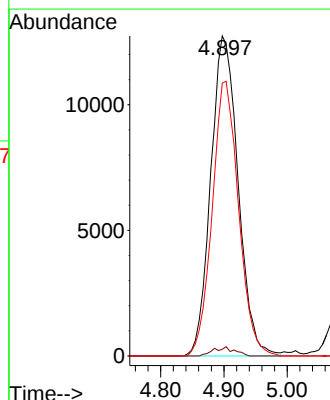
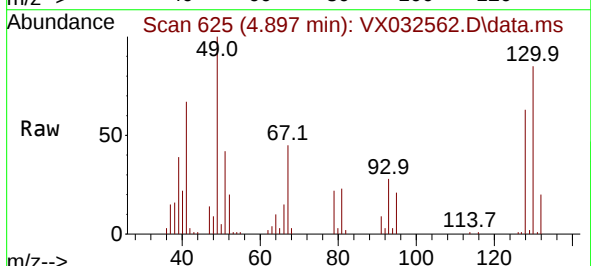
Tgt Ion: 49 Resp: 38231

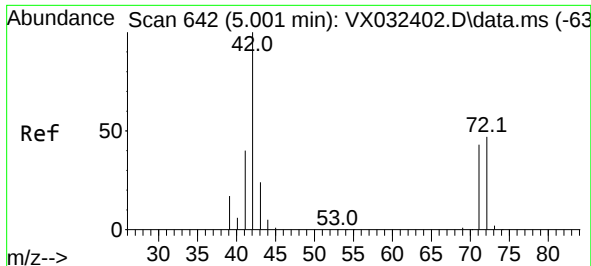
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 82.7 67.5 101.3





#29

Tetrahydrofuran

Concen: 240.441 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX032562.D

Acq: 03 Nov 2022 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 134652

Ion Ratio Lower Upper

42 100

72 46.0 37.6 56.4

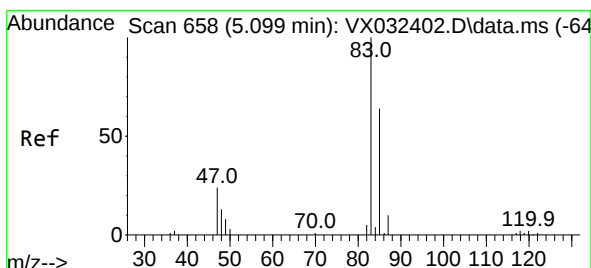
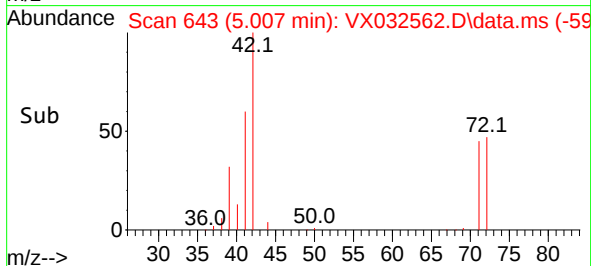
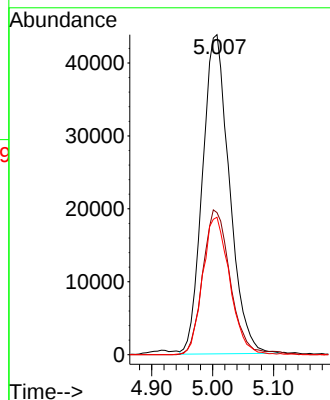
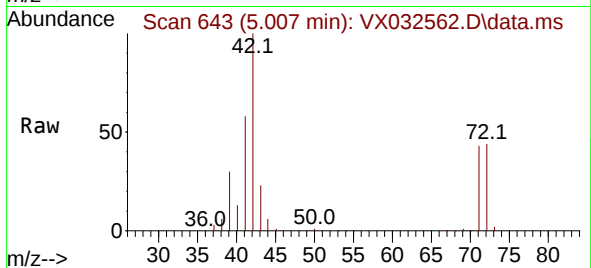
71 43.4 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#30

Chloroform

Concen: 51.164 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX032562.D

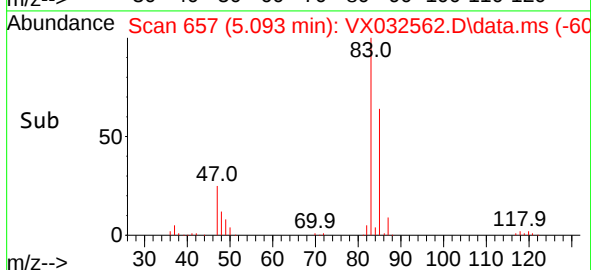
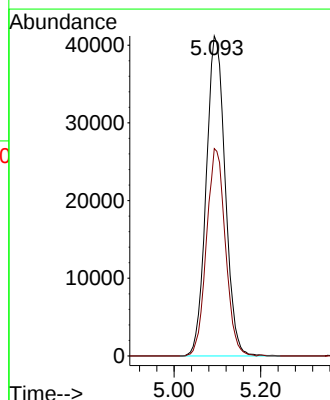
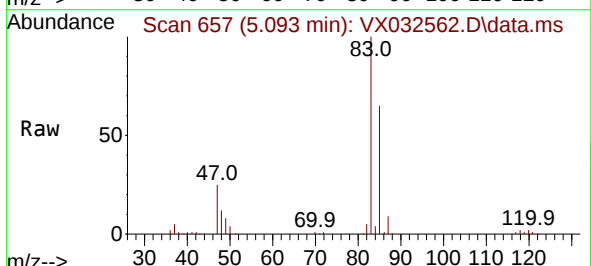
Acq: 03 Nov 2022 17:47

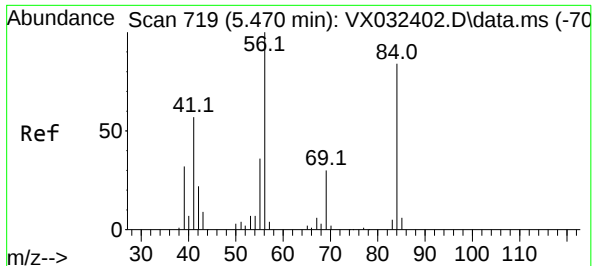
Tgt Ion: 83 Resp: 125341

Ion Ratio Lower Upper

83 100

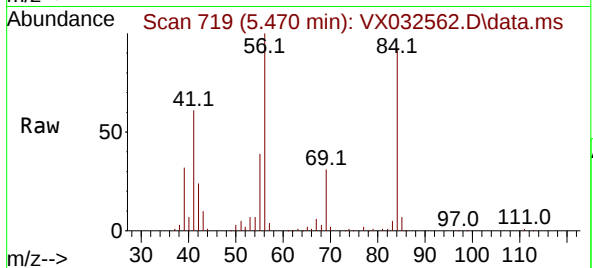
85 64.8 51.1 76.7





#31
Cyclohexane
Concen: 48.357 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

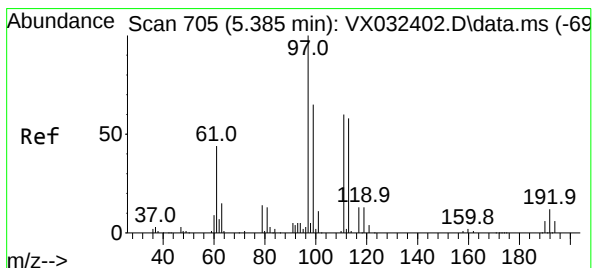
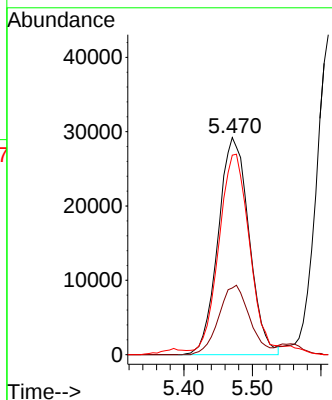
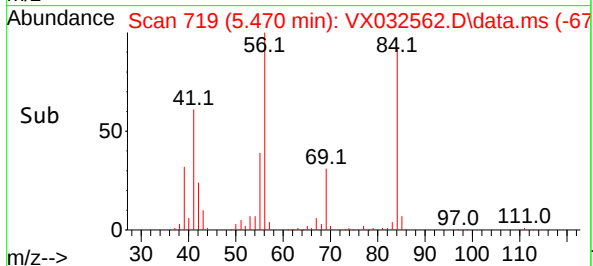
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



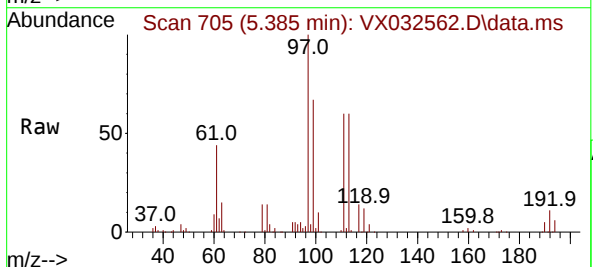
Tgt Ion: 56 Resp: 91440
Ion Ratio Lower Upper
56 100
69 30.8 24.1 36.1
84 89.7 66.9 100.3

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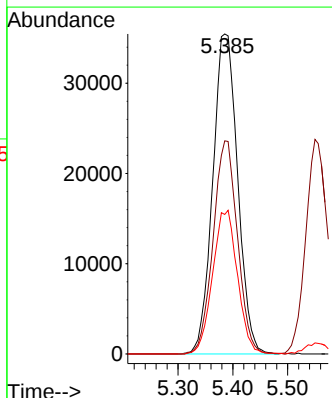
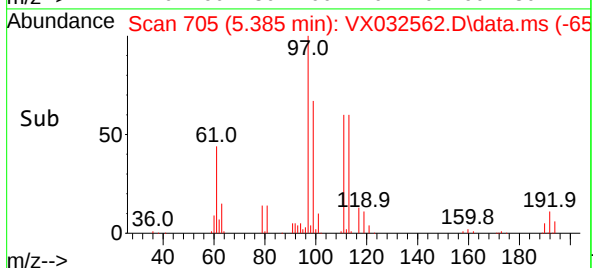
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

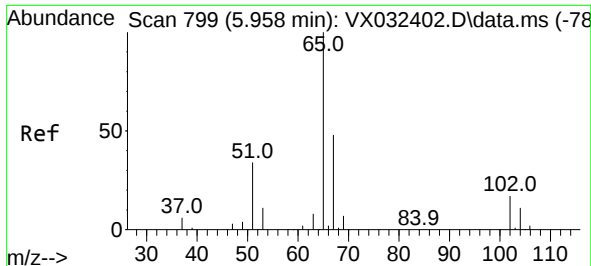


#32
1,1,1-Trichloroethane
Concen: 50.942 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47



Tgt Ion: 97 Resp: 111989
Ion Ratio Lower Upper
97 100
99 65.1 51.4 77.0
61 44.9 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.328 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032562.D

Acq: 03 Nov 2022 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 7693

Ion Ratio Lower Upper

65 100

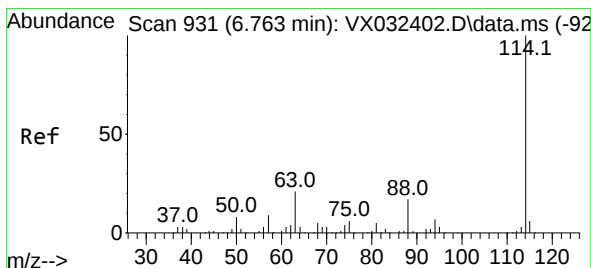
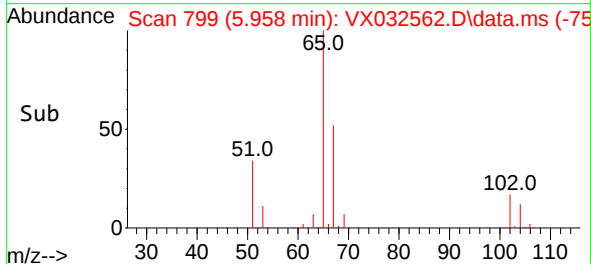
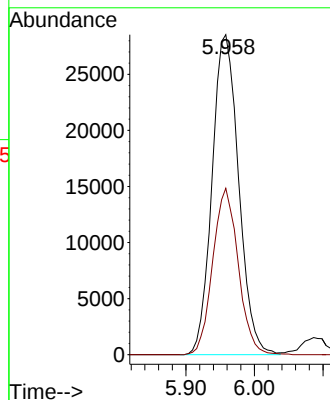
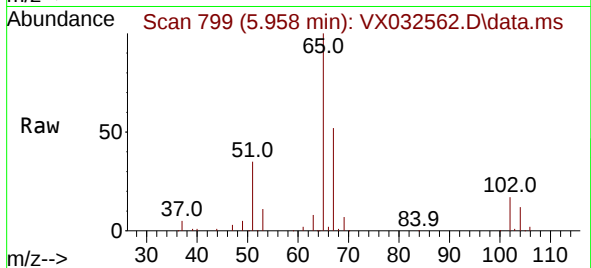
67 49.9 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032562.D

Acq: 03 Nov 2022 17:47

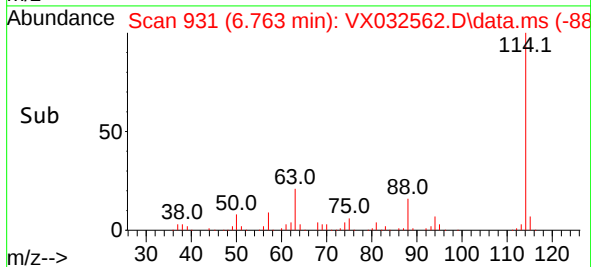
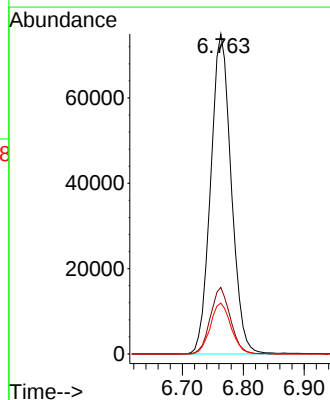
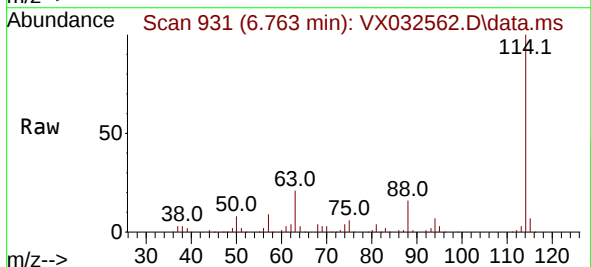
Tgt Ion:114 Resp: 175797

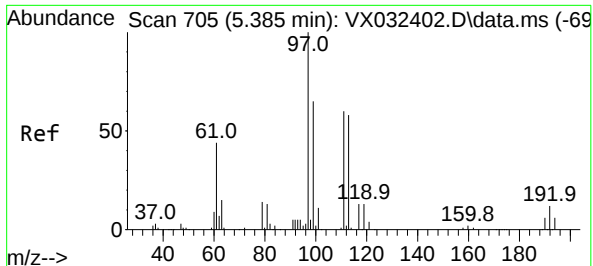
Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.6

88 15.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.534 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032562.D

Acq: 03 Nov 2022 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

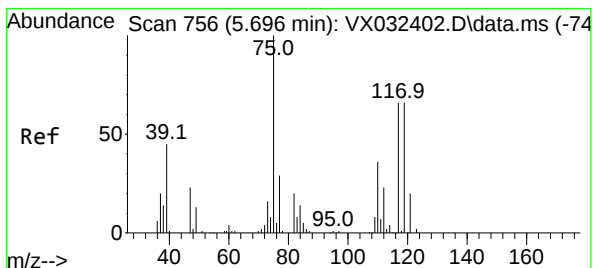
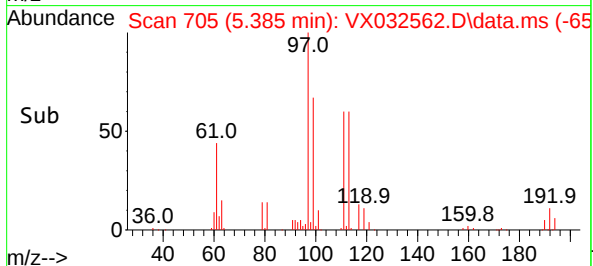
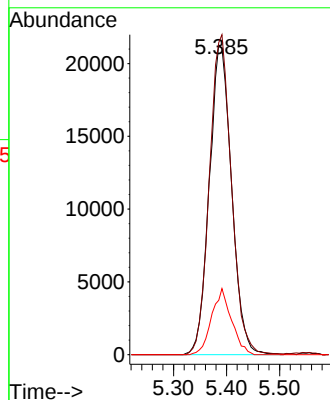
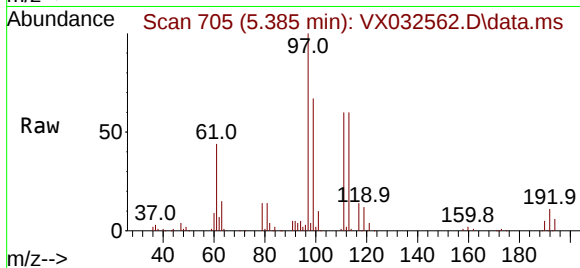
Tgt Ion:	113	Resp:	6211
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.4	123.6
192	19.0	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#36

1,1-Dichloropropene

Concen: 48.997 ug/l

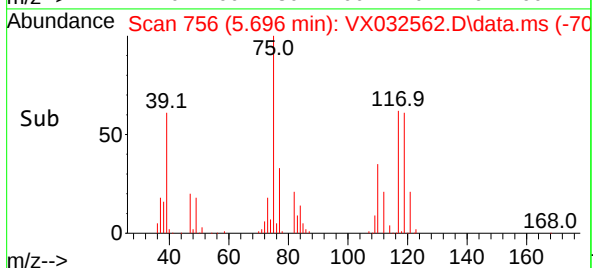
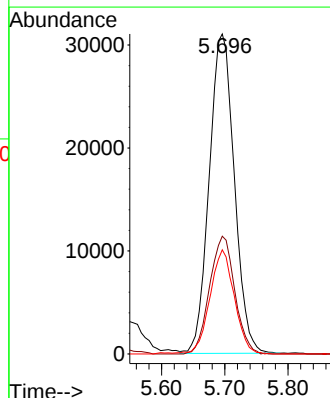
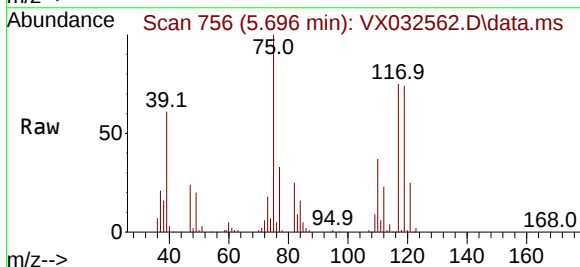
RT: 5.696 min Scan# 756

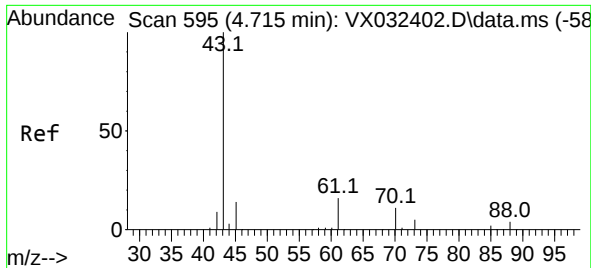
Delta R.T. 0.000 min

Lab File: VX032562.D

Acq: 03 Nov 2022 17:47

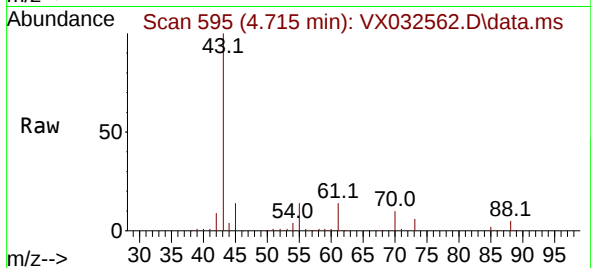
Tgt Ion:	75	Resp:	85560
Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.4	55.2
77	31.7	24.5	36.7





#37
Ethyl Acetate
Concen: 47.386 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

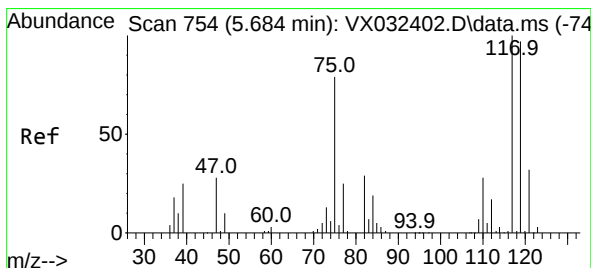
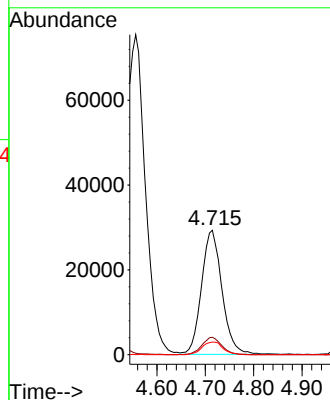
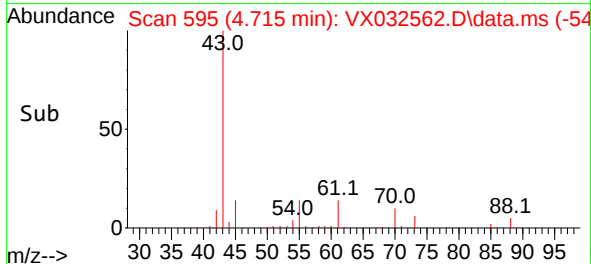
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



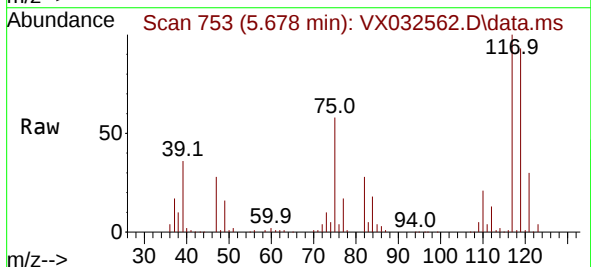
Tgt Ion: 43 Resp: 8613
Ion Ratio Lower Upper
43 100
61 13.6 11.5 17.3
70 10.4 9.1 13.7

Manual Integrations
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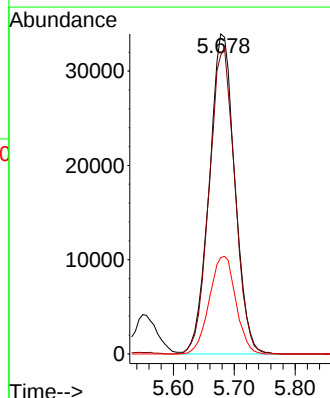
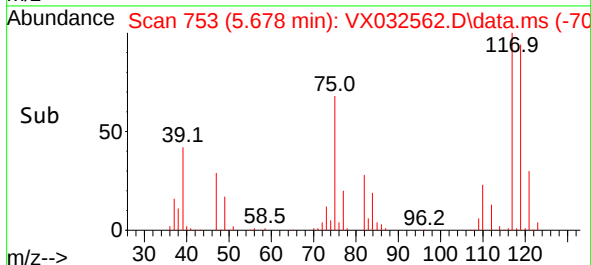
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

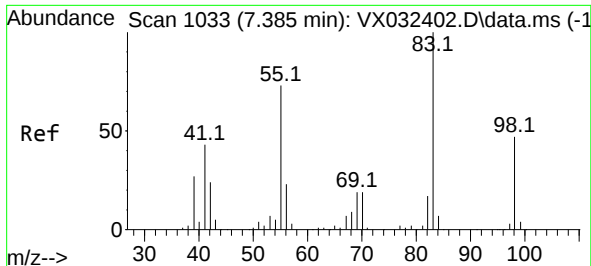


#38
Carbon Tetrachloride
Concen: 50.918 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47



Tgt Ion:117 Resp: 98618
Ion Ratio Lower Upper
117 100
119 93.3 77.2 115.8
121 30.1 25.8 38.6





#39

Methylcyclohexane

Concen: 48.609 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX032562.D

Acq: 03 Nov 2022 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 100429

Ion Ratio Lower Upper

83 100

55 72.7 58.4 87.6

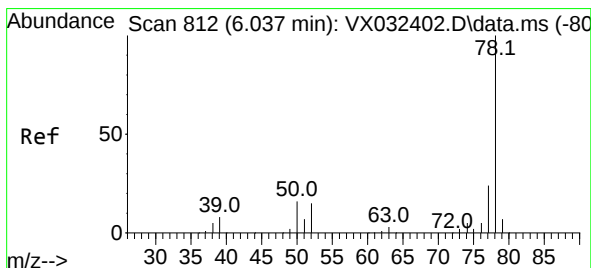
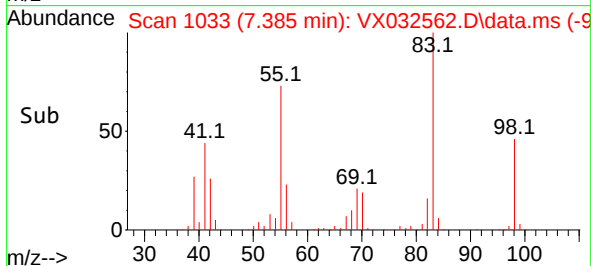
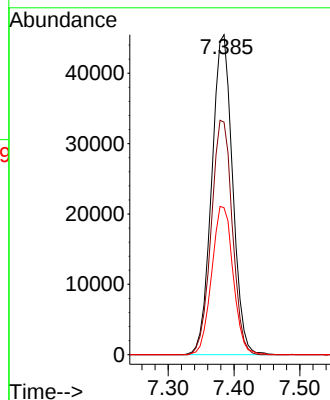
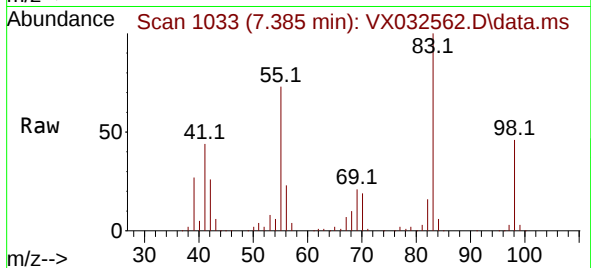
98 45.9 37.2 55.8

Manual Integrations

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Reviewed By :John Carlone 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#40

Benzene

Concen: 49.418 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX032562.D

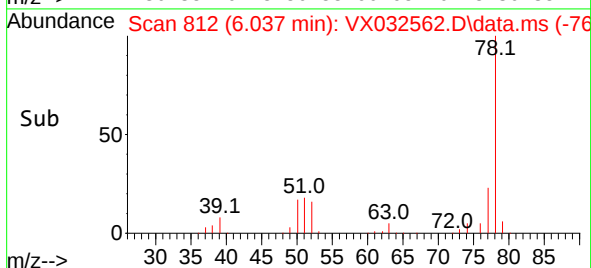
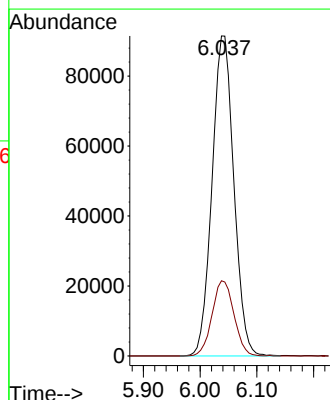
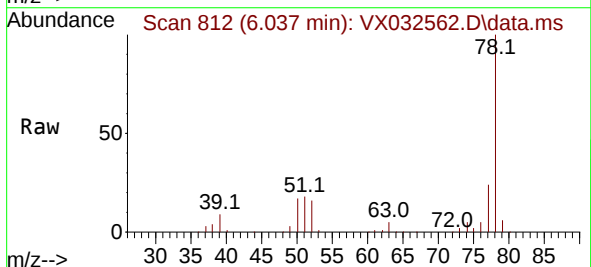
Acq: 03 Nov 2022 17:47

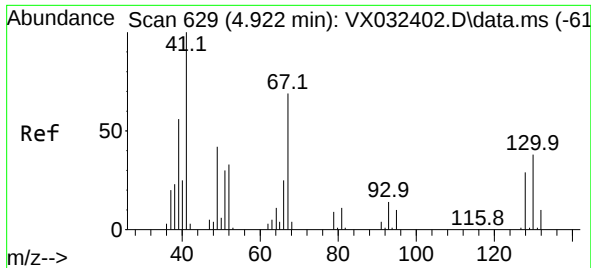
Tgt Ion: 78 Resp: 244200

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.4





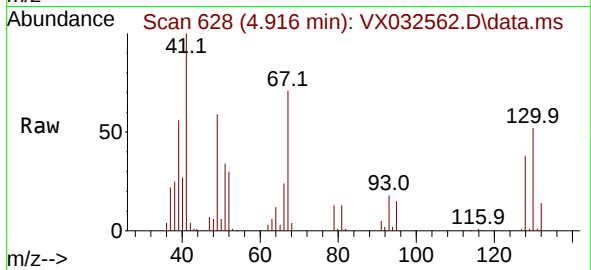
#41
Methacrylonitrile
Concen: 51.078 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



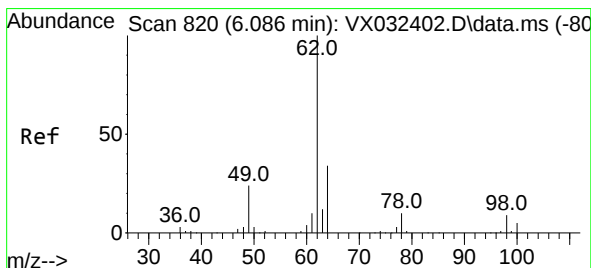
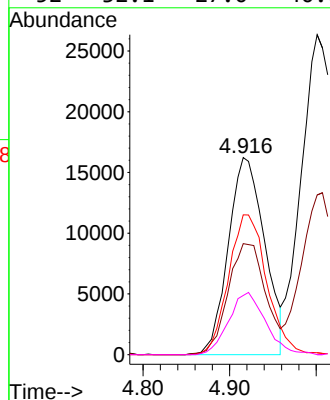
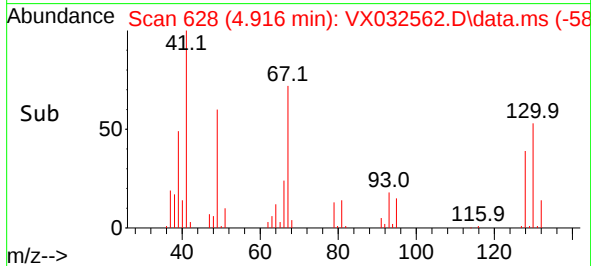
Tgt Ion: 41 Resp: 47290
Ion Ratio Lower Upper
41 100
39 58.2 47.5 71.3
67 74.8 60.5 90.7
52 32.1 27.0 40.6

Manual Integrations

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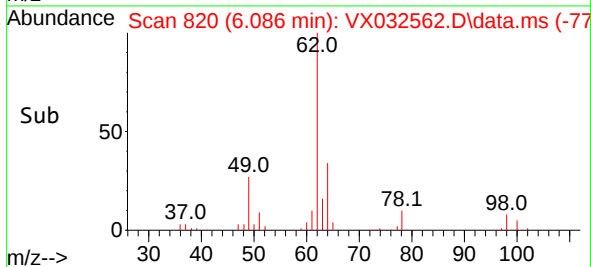
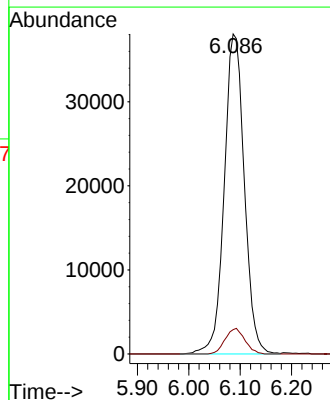
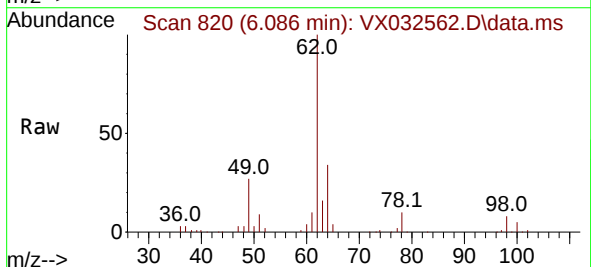
Reviewed By :John Carlone 11/04/2022

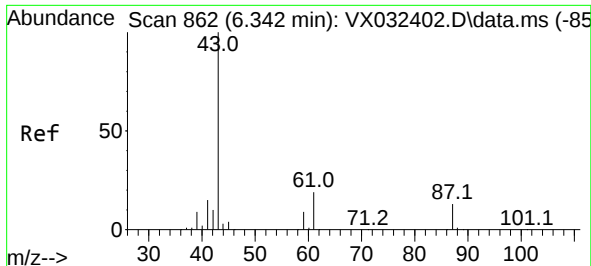
Supervised By :Mahesh Dadoda 11/04/2022



#42
1,2-Dichloroethane
Concen: 51.035 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

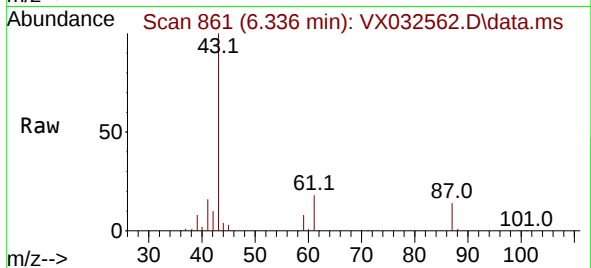
Tgt Ion: 62 Resp: 103090
Ion Ratio Lower Upper
62 100
98 7.8 0.0 16.0





#43
Isopropyl Acetate
Concen: 50.985 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

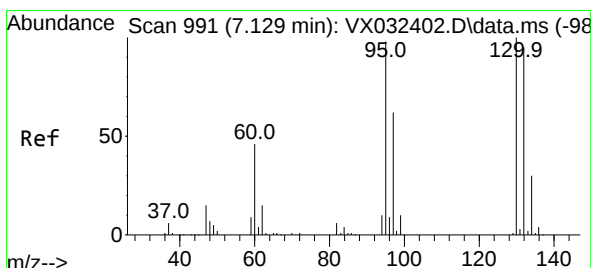
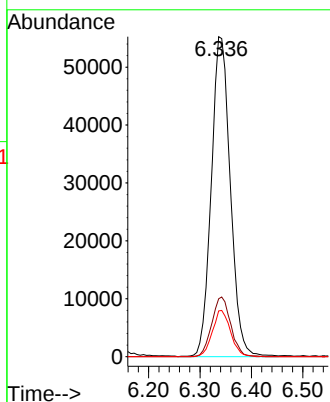
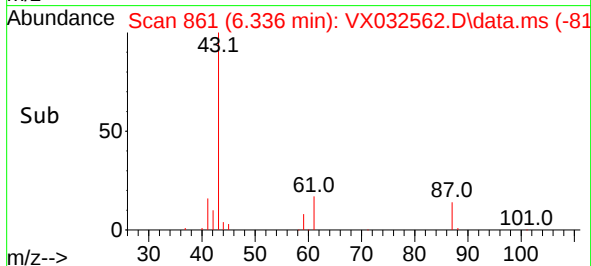
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 142290
Ion Ratio Lower Upper
43 100
61 18.6 15.4 23.0
87 13.8 10.8 16.2

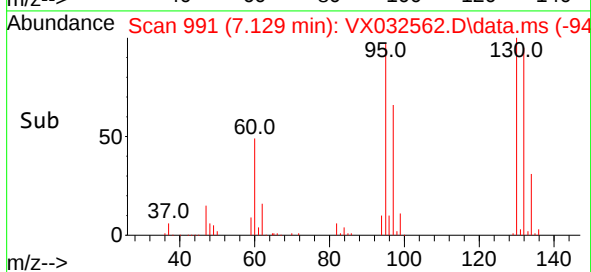
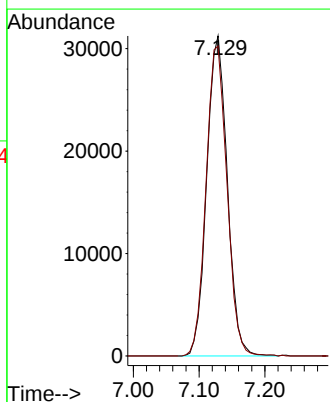
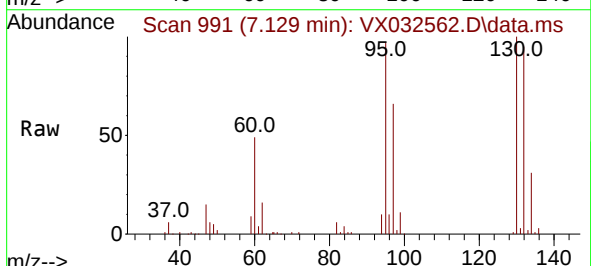
Manual Integrations
APPROVED

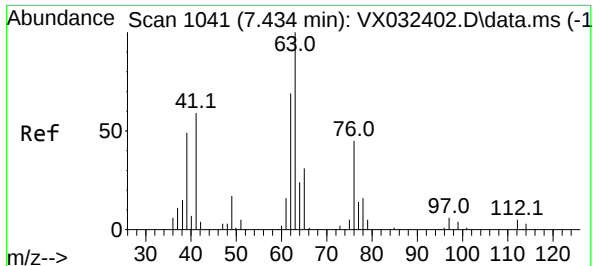
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#44
Trichloroethene
Concen: 48.886 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

Tgt Ion:130 Resp: 68004
Ion Ratio Lower Upper
130 100
95 96.9 0.0 195.2





#45

1,2-Dichloropropane

Concen: 49.912 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX032562.D

Acq: 03 Nov 2022 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 6331

Ion Ratio Lower Upper

63 100

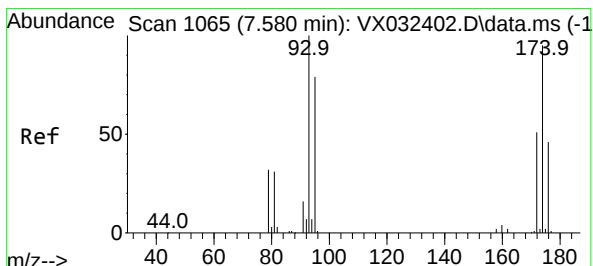
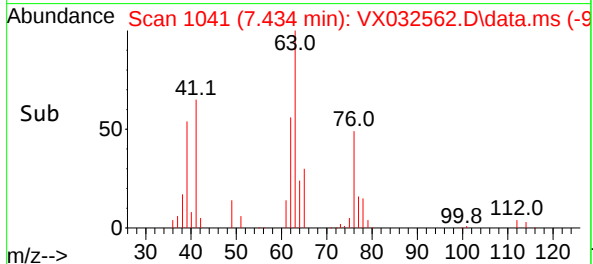
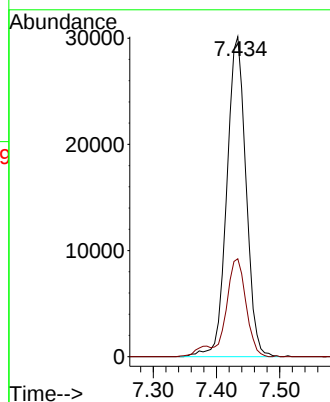
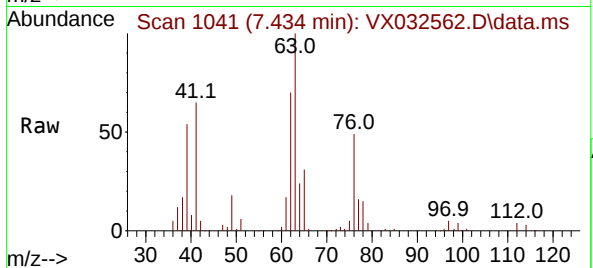
65 30.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#46

Dibromomethane

Concen: 49.209 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX032562.D

Acq: 03 Nov 2022 17:47

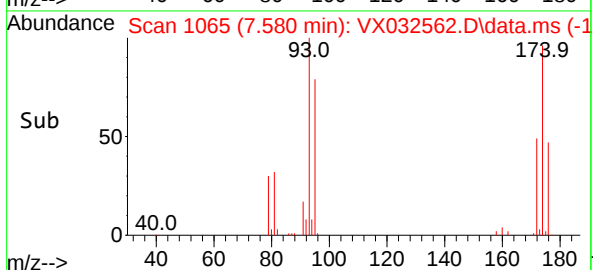
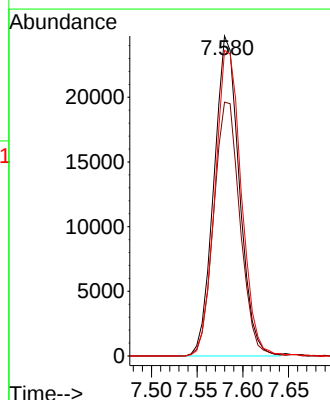
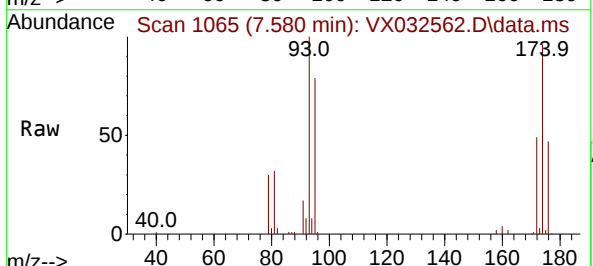
Tgt Ion: 93 Resp: 47872

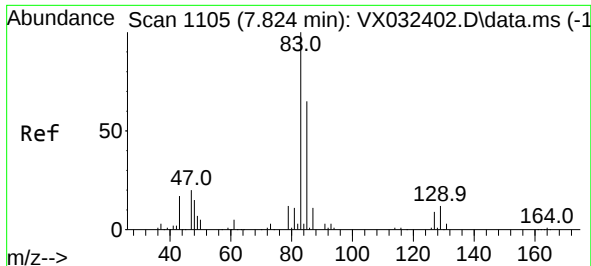
Ion Ratio Lower Upper

93 100

95 82.0 65.8 98.8

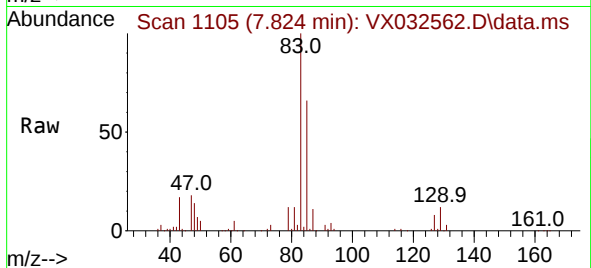
174 99.0 79.8 119.6





#47
Bromodichloromethane
Concen: 51.533 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

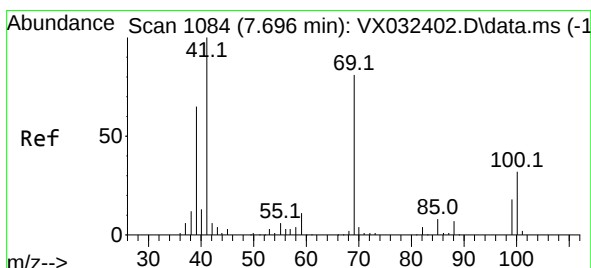
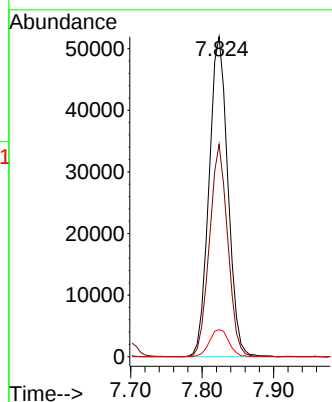
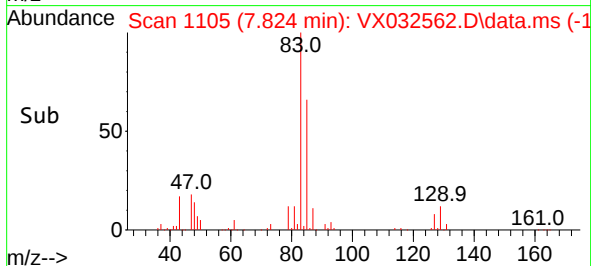
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 95014
Ion Ratio Lower Upper
83 100
85 66.3 52.2 78.4
127 8.5 7.4 11.2

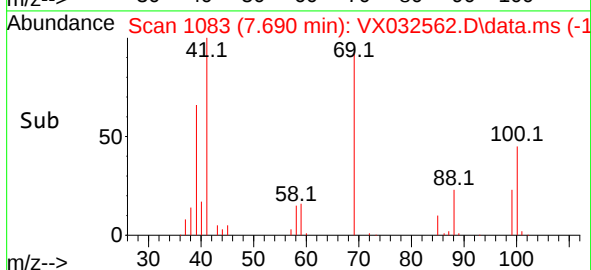
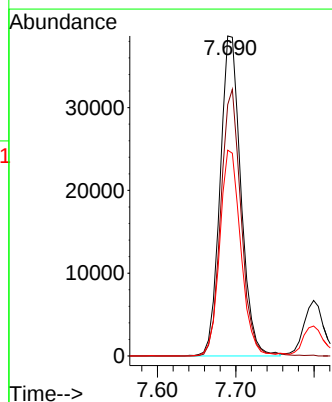
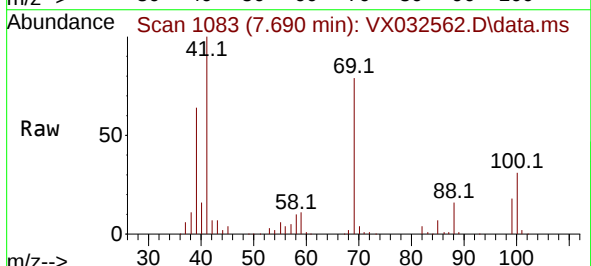
Manual Integrations
APPROVED

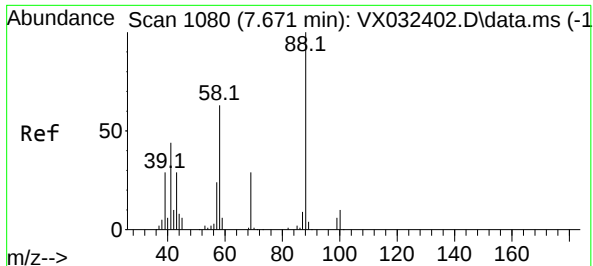
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#48
Methyl methacrylate
Concen: 49.615 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

Tgt Ion: 41 Resp: 71514
Ion Ratio Lower Upper
41 100
69 81.1 65.1 97.7
39 65.0 51.9 77.9





#49

1,4-Dioxane

Concen: 923.411 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VX032562.D

Acq: 03 Nov 2022 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

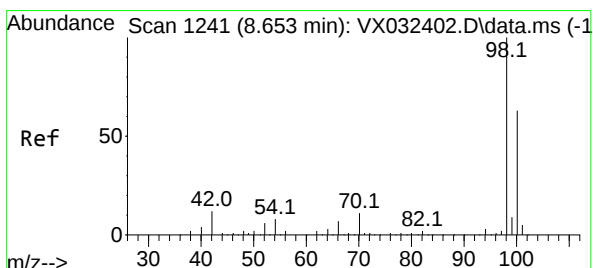
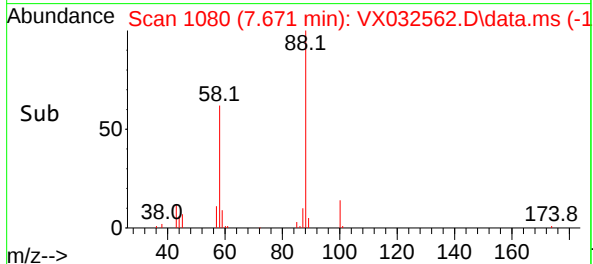
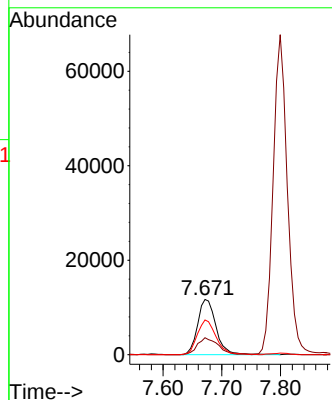
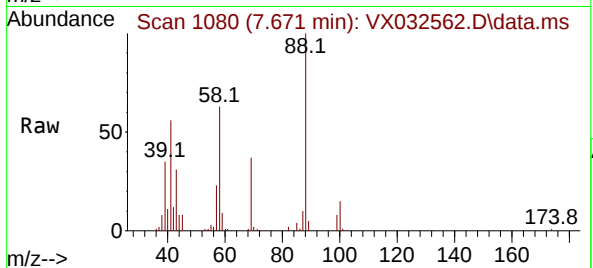
Tgt Ion: 88	Resp: 2536
Ion Ratio	Lower Upper
88 100	
43 34.7	26.6 39.8
58 64.5	51.7 77.5

Manual Integrations

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Reviewed By :John Carlone 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#50

Toluene-d8

Concen: 47.987 ug/l

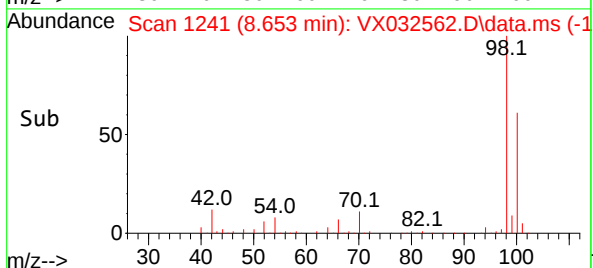
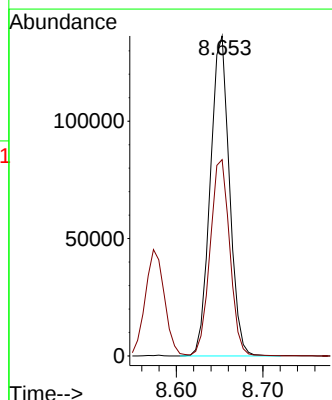
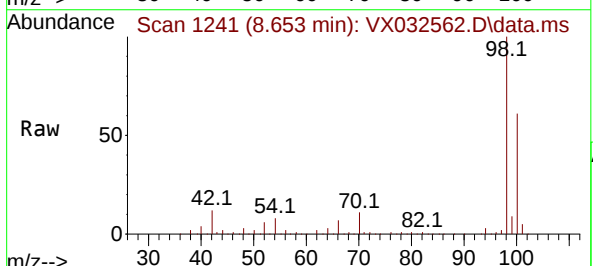
RT: 8.653 min Scan# 1241

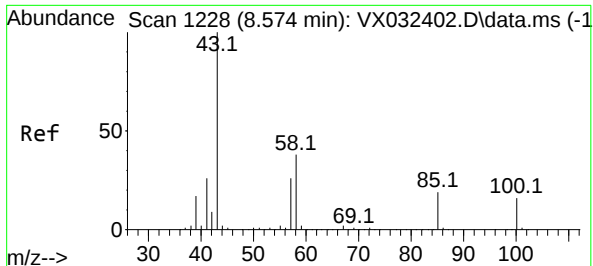
Delta R.T. 0.000 min

Lab File: VX032562.D

Acq: 03 Nov 2022 17:47

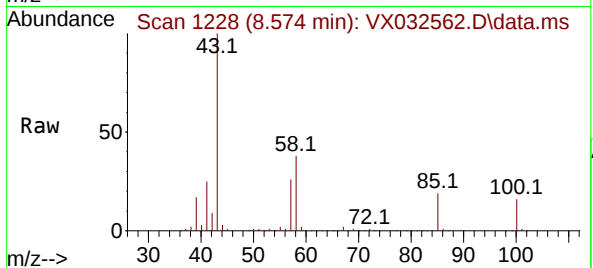
Tgt Ion: 98	Resp: 209241
Ion Ratio	Lower Upper
98 100	
100 62.9	50.9 76.3





#51
4-Methyl-2-Pentanone
Concen: 250.317 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

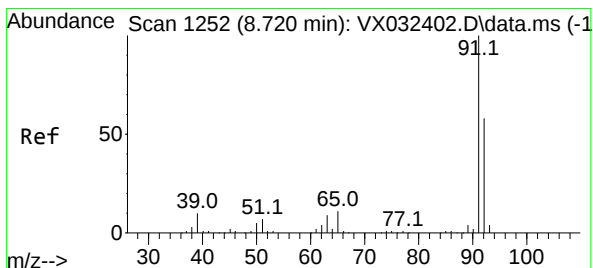
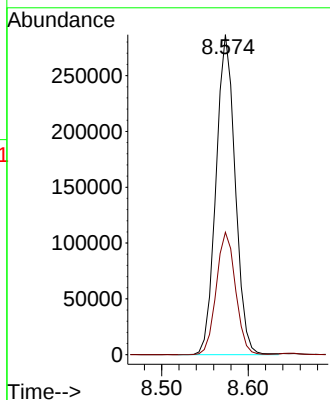
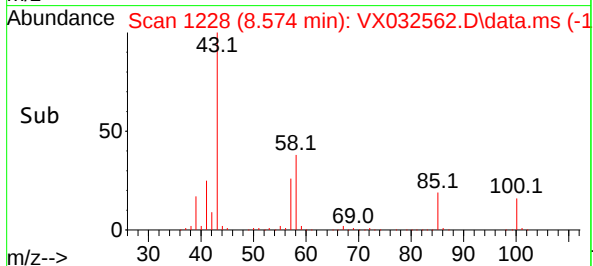
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



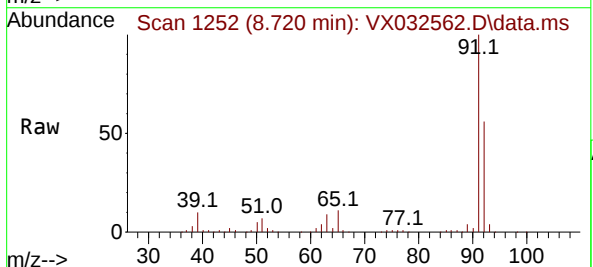
Tgt Ion: 43 Resp: 440029
Ion Ratio Lower Upper
43 100
58 38.4 30.9 46.3

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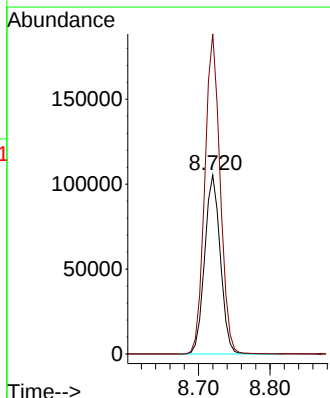
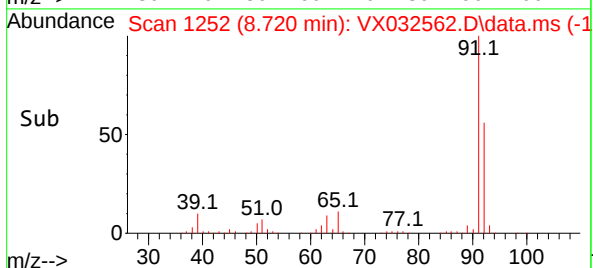
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

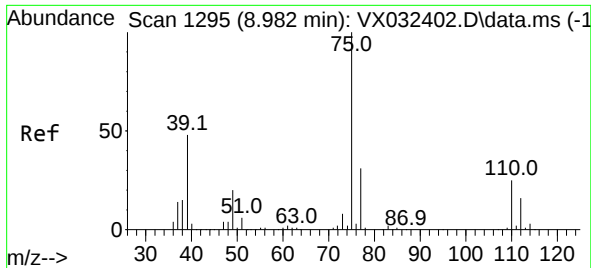


#52
Toluene
Concen: 49.593 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47



Tgt Ion: 92 Resp: 159888
Ion Ratio Lower Upper
92 100
91 175.7 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 53.107 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX032562.D

Acq: 03 Nov 2022 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 9990

Ion Ratio Lower Upper

75 100

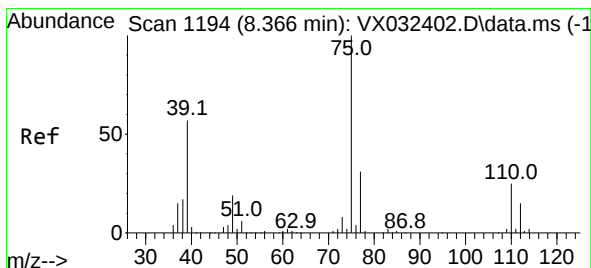
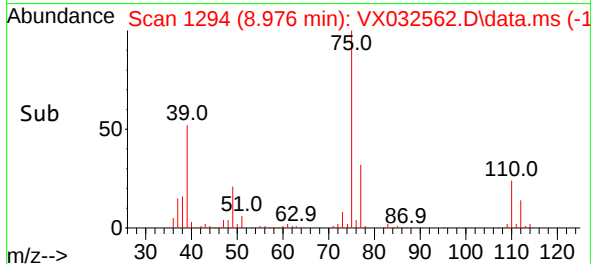
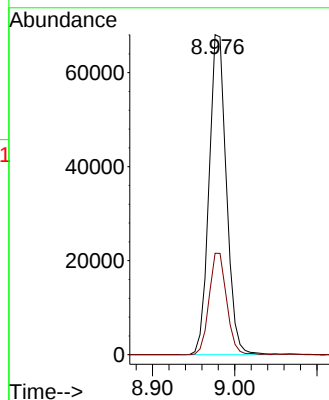
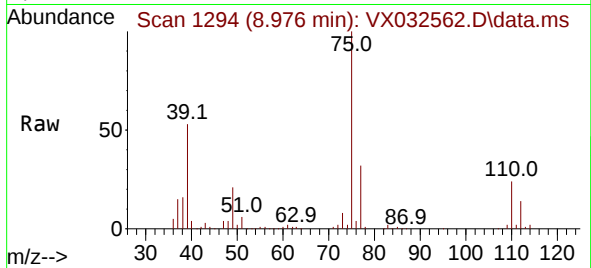
77 31.7 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#54

cis-1,3-Dichloropropene

Concen: 52.296 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032562.D

Acq: 03 Nov 2022 17:47

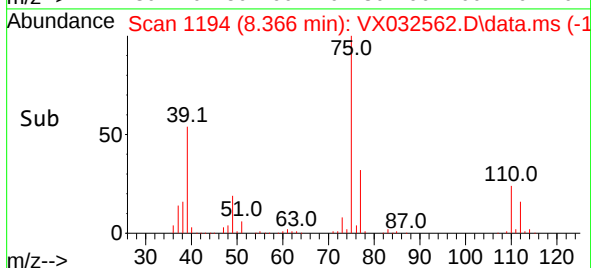
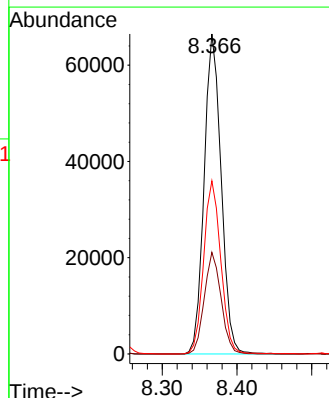
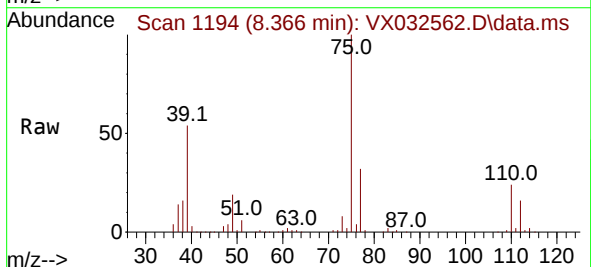
Tgt Ion: 75 Resp: 105224

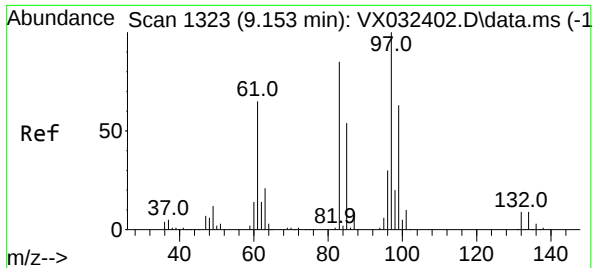
Ion Ratio Lower Upper

75 100

77 31.8 25.1 37.7

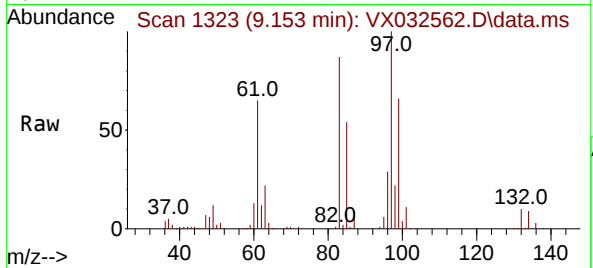
39 54.1 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 50.738 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

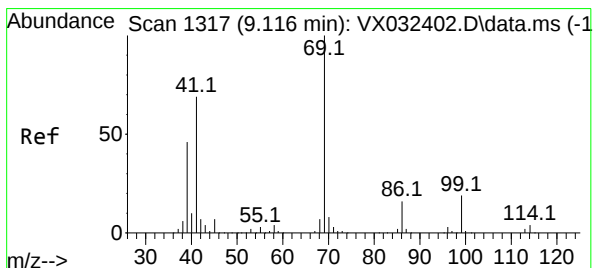
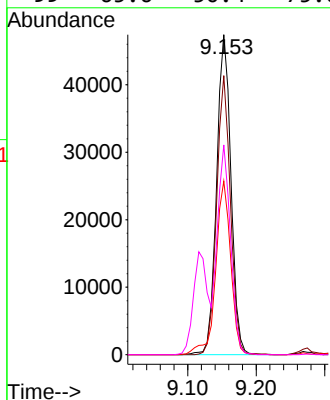
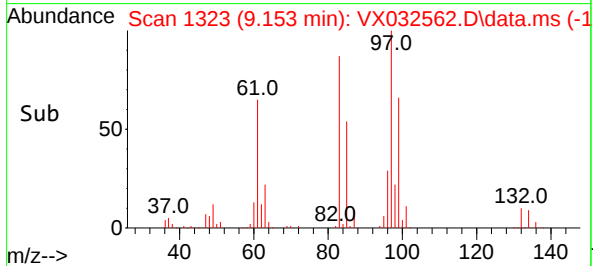
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



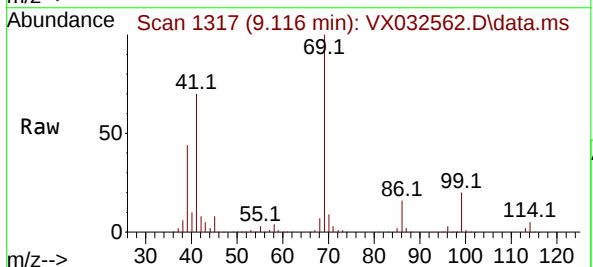
Tgt Ion:	97	Resp:	68890
Ion Ratio	100	Lower	Upper
97	100		
83	87.2	68.1	102.1
85	54.3	43.3	64.9
99	65.6	50.4	75.6

Manual Integrations
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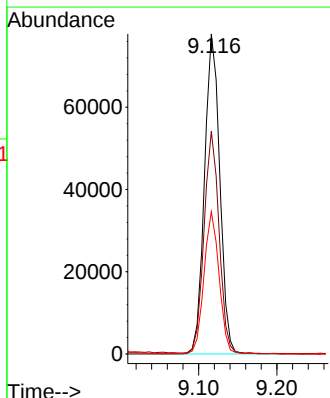
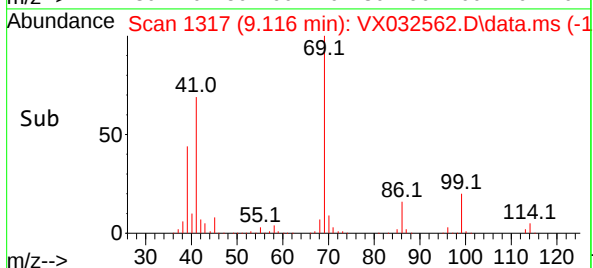
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

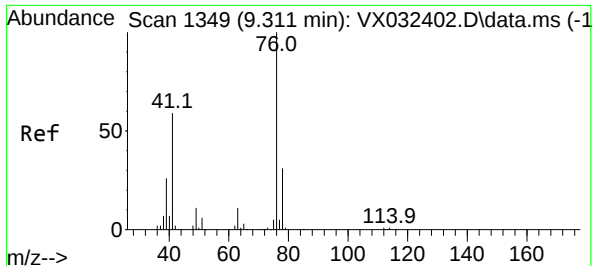


#56
Ethyl methacrylate
Concen: 53.989 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47



Tgt Ion:	69	Resp:	105489
Ion Ratio	100	Lower	Upper
69	100		
41	68.5	54.3	81.5
39	43.9	35.2	52.8





#57

1,3-Dichloropropane

Concen: 50.743 ug/l

RT: 9.311 min Scan# 111260

Delta R.T. 0.000 min

Lab File: VX032562.D

Acq: 03 Nov 2022 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 111260

Ion Ratio Lower Upper

76 100

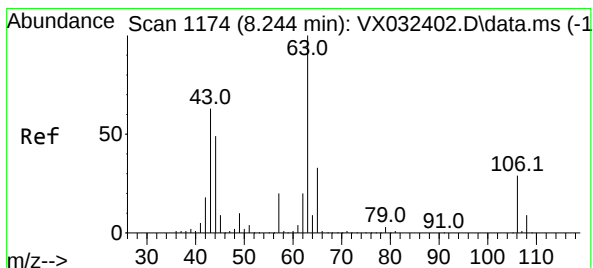
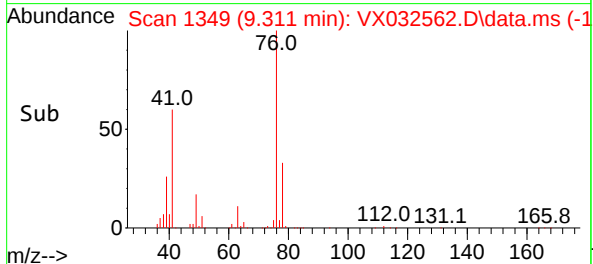
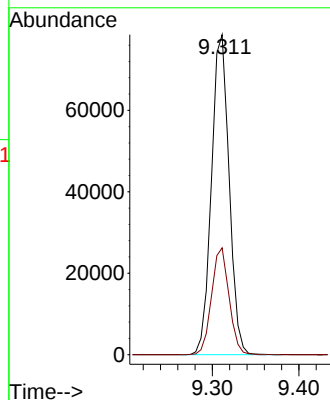
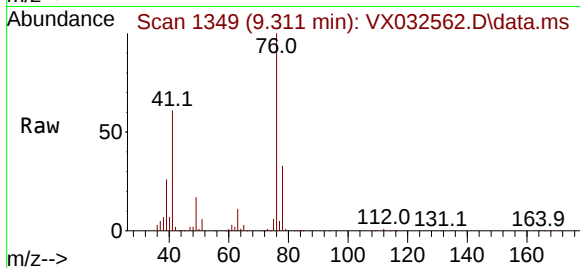
78 33.0 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#58

2-Chloroethyl Vinyl ether

Concen: 252.040 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX032562.D

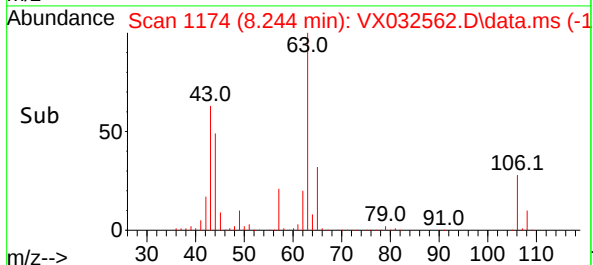
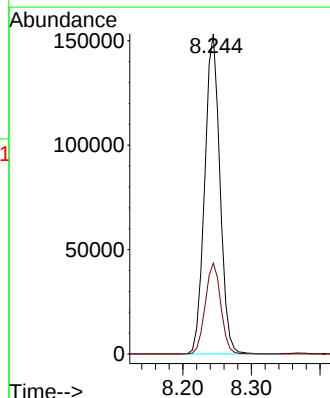
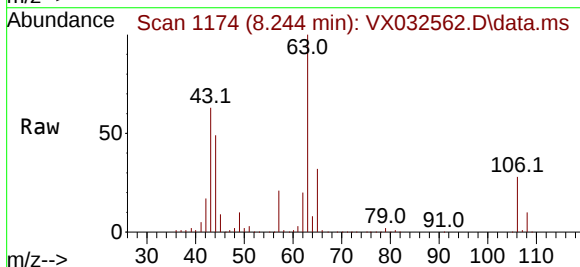
Acq: 03 Nov 2022 17:47

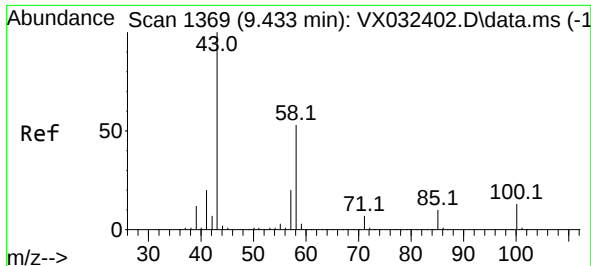
Tgt Ion: 63 Resp: 237126

Ion Ratio Lower Upper

63 100

106 28.9 23.3 34.9





#59

2-Hexanone

Concen: 257.107 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX032562.D

Acq: 03 Nov 2022 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 33536

Ion Ratio Lower Upper

43 100

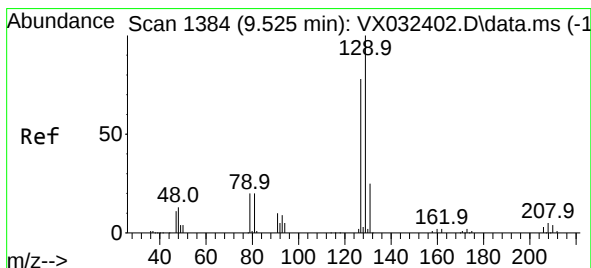
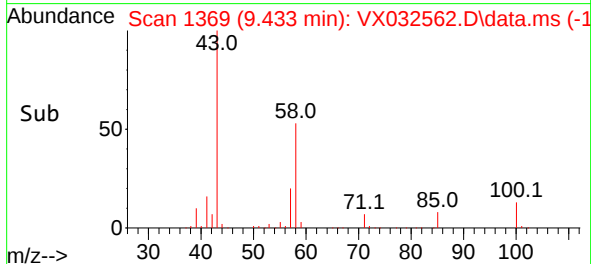
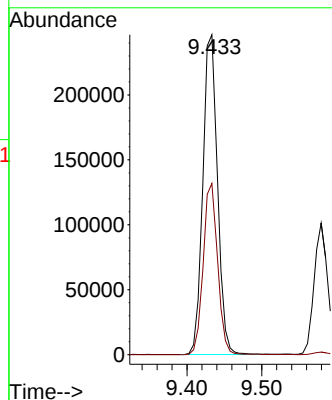
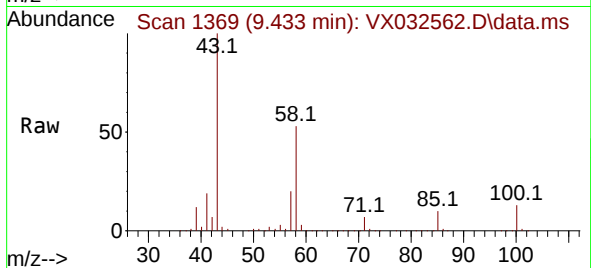
58 52.7 26.5 79.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#60

Dibromochloromethane

Concen: 51.829 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX032562.D

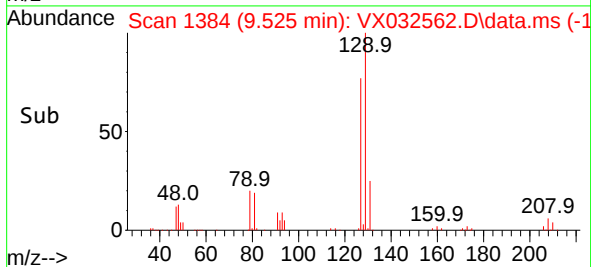
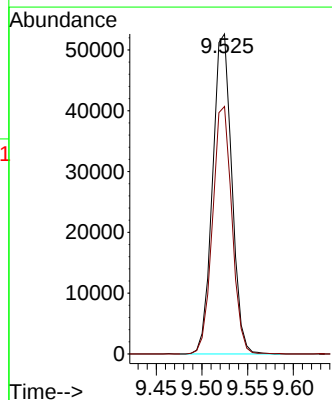
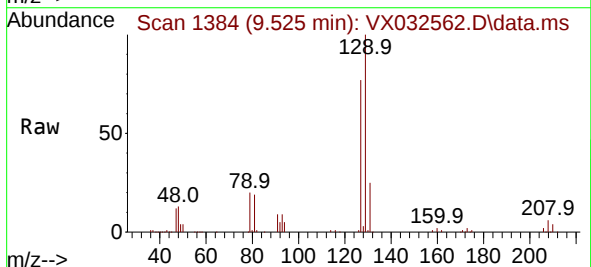
Acq: 03 Nov 2022 17:47

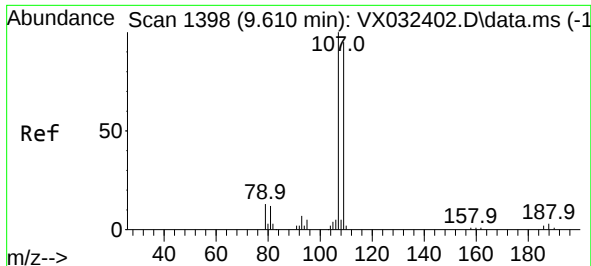
Tgt Ion:129 Resp: 76863

Ion Ratio Lower Upper

129 100

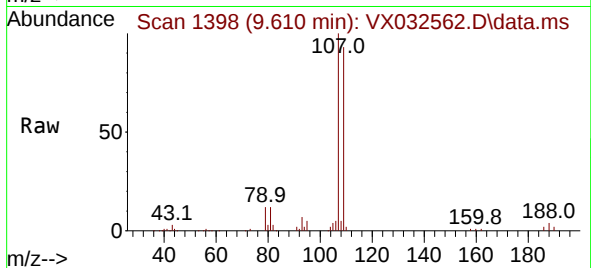
127 77.9 38.6 115.8





#61
1,2-Dibromoethane
Concen: 50.864 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

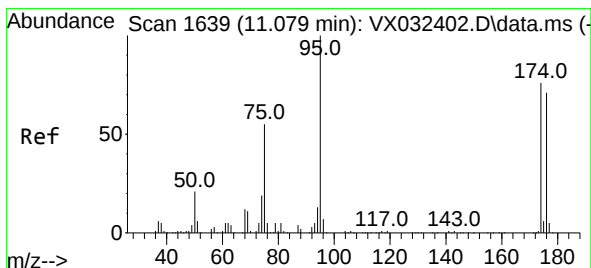
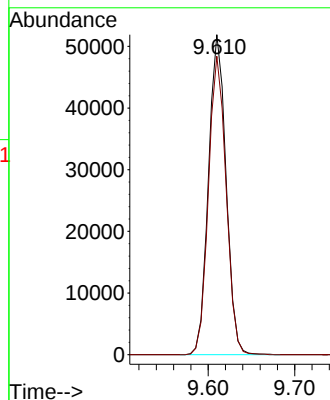
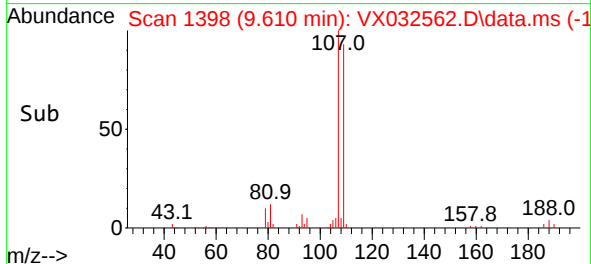
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 7317
Ion Ratio Lower Upper
107 100
109 93.6 76.0 114.0

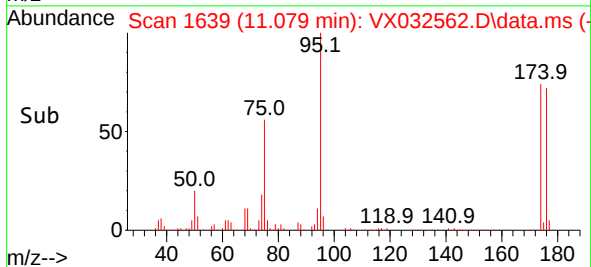
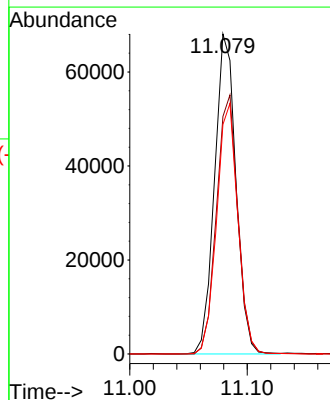
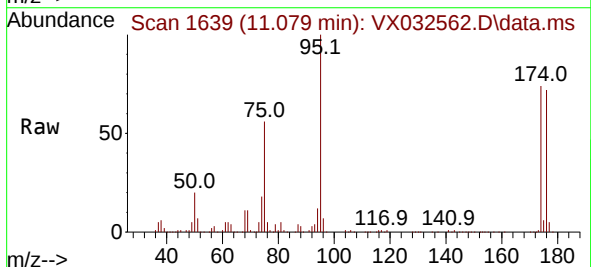
Manual Integrations
APPROVED

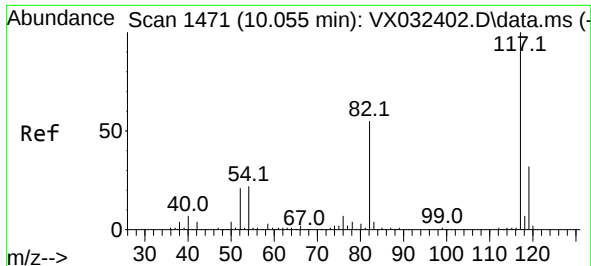
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#62
4-Bromofluorobenzene
Concen: 50.550 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

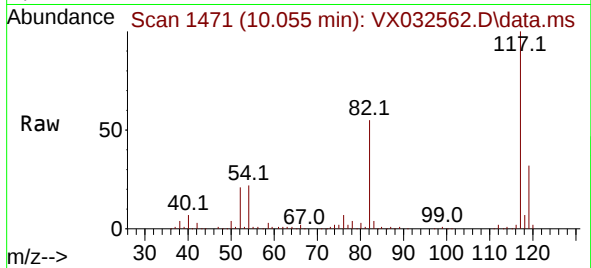
Tgt Ion: 95 Resp: 86100
Ion Ratio Lower Upper
95 100
174 81.1 0.0 164.0
176 77.8 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

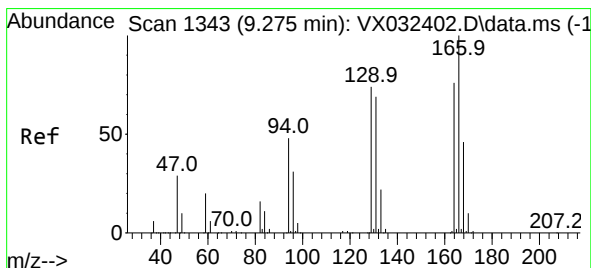
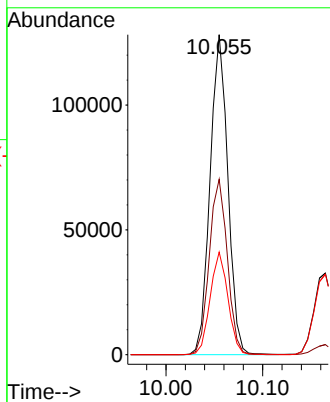
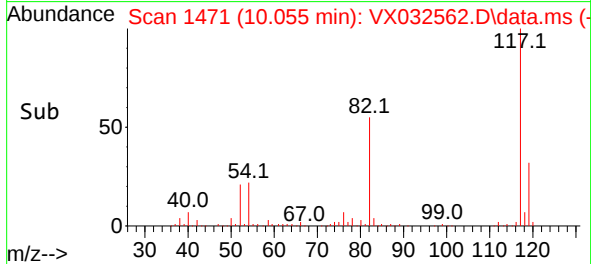
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 163224
Ion Ratio Lower Upper
117 100
82 54.8 44.3 66.5
119 32.1 25.7 38.5

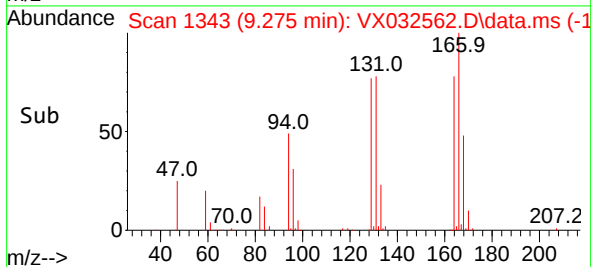
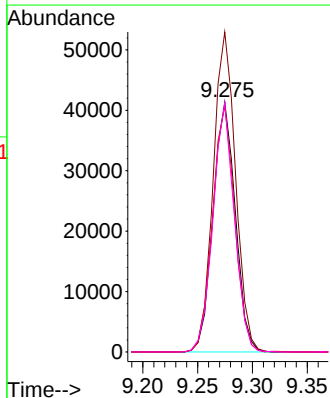
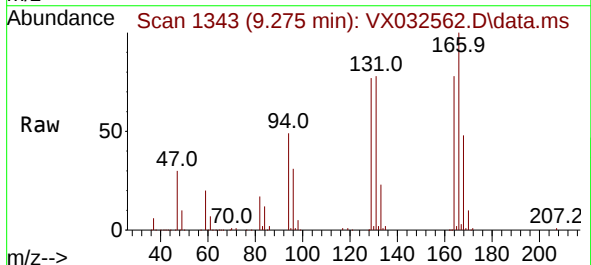
Manual Integrations
APPROVED

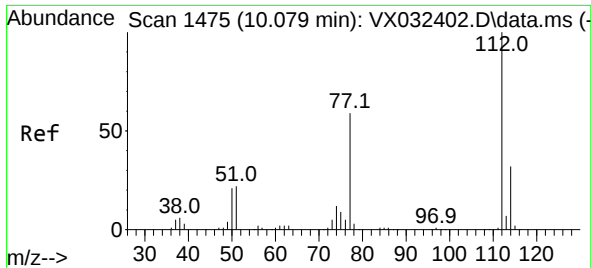
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#64
Tetrachloroethene
Concen: 49.099 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

Tgt Ion:164 Resp: 58658
Ion Ratio Lower Upper
164 100
166 128.2 105.4 158.2
129 98.4 78.2 117.2
131 99.8 72.5 108.7





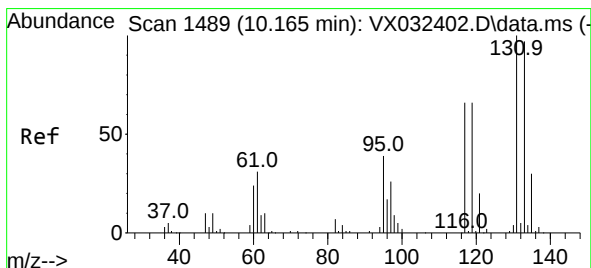
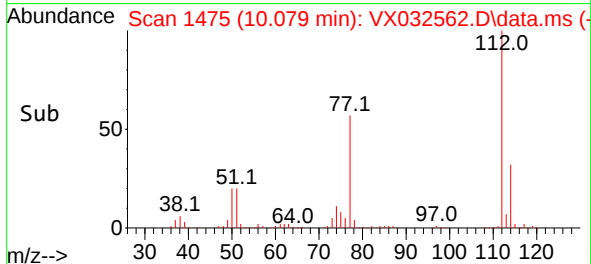
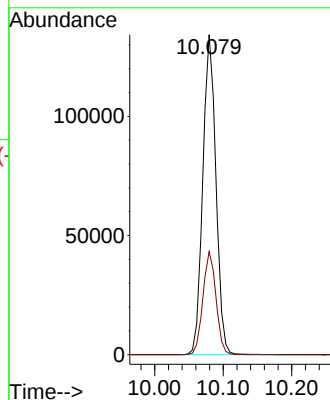
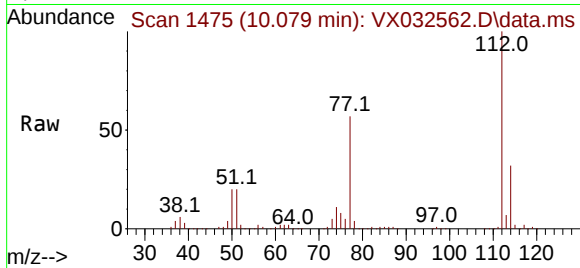
#65
Chlorobenzene
Concen: 48.971 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 179054
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2

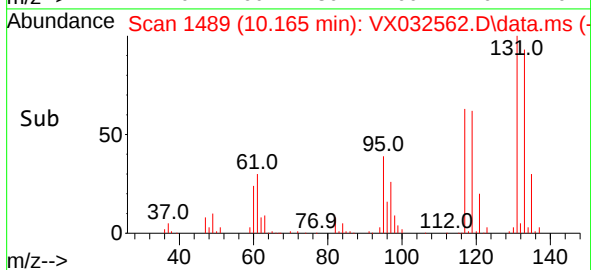
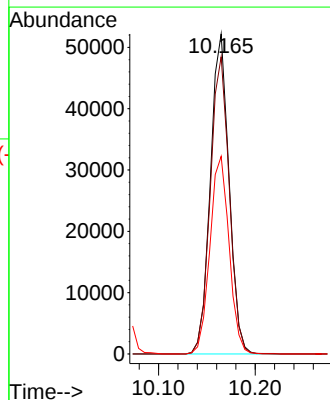
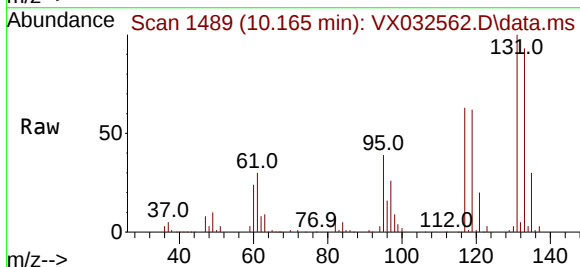
Manual Integrations
APPROVED

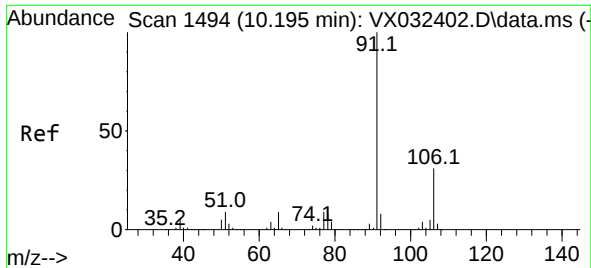
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 50.751 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

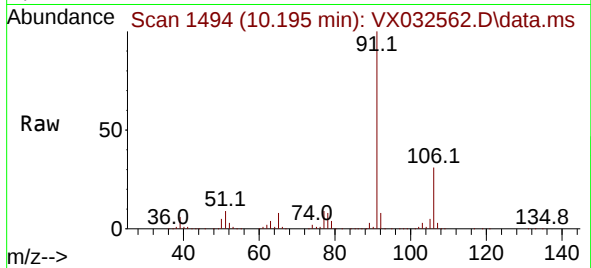
Tgt Ion:131 Resp: 69838
Ion Ratio Lower Upper
131 100
133 94.8 47.6 142.9
119 63.6 32.4 97.0





#67
Ethyl Benzene
Concen: 50.504 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

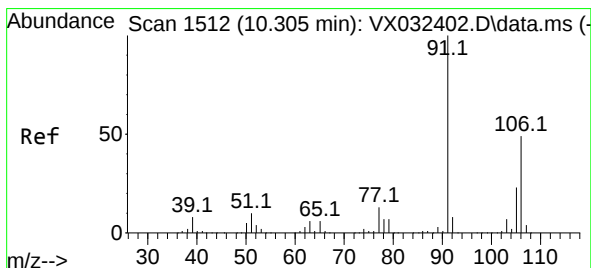
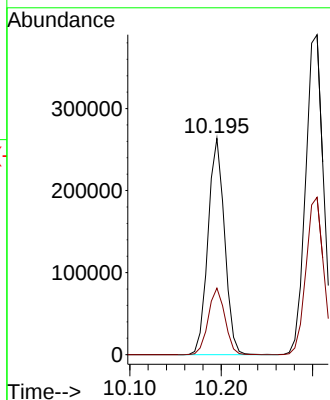
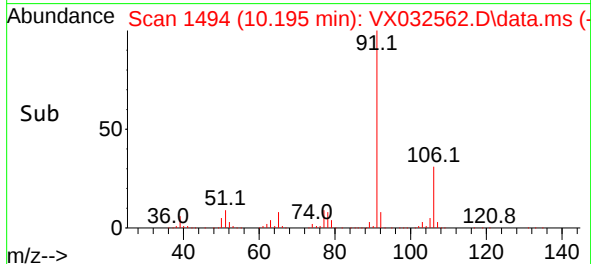
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



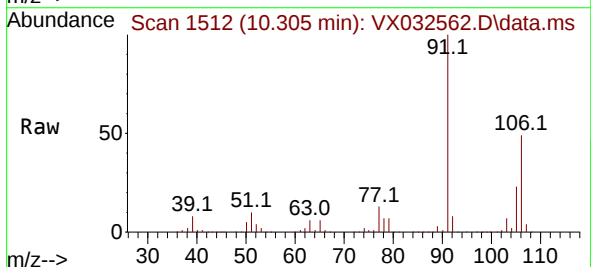
Tgt Ion: 91 Resp: 330214
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.6

Manual Integrations
APPROVED

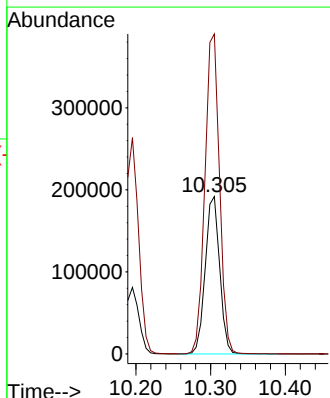
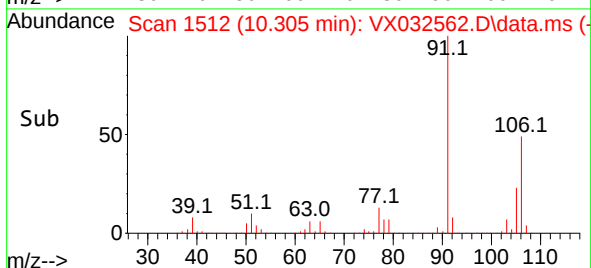
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

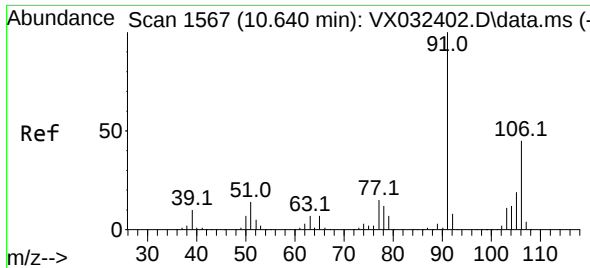


#68
m/p-Xylenes
Concen: 101.276 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47



Tgt Ion:106 Resp: 257126
Ion Ratio Lower Upper
106 100
91 205.4 164.5 246.7





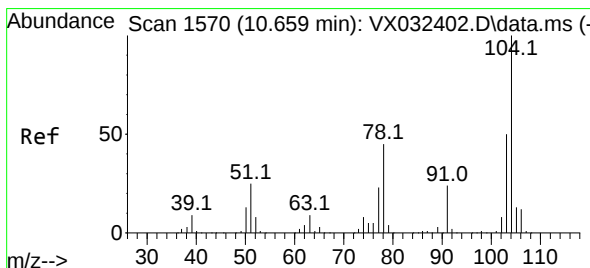
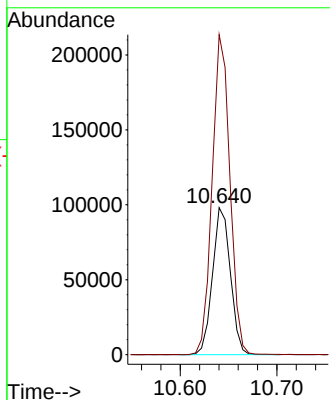
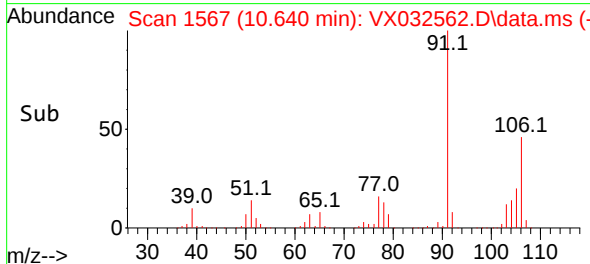
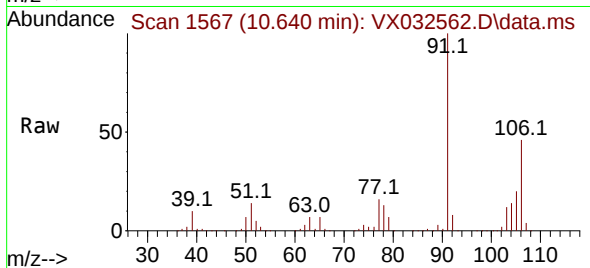
#69
o-Xylene
Concen: 51.050 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 126010
Ion Ratio Lower Upper
106 100
91 215.9 109.2 327.6

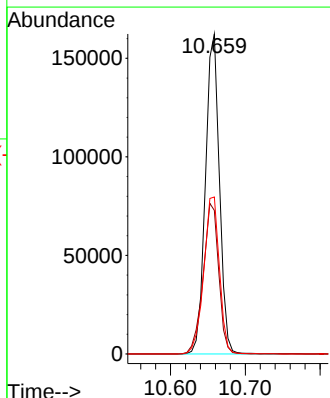
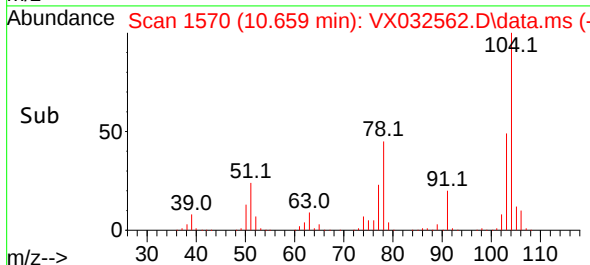
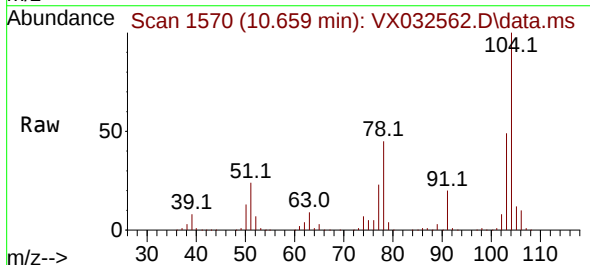
Manual Integrations
APPROVED

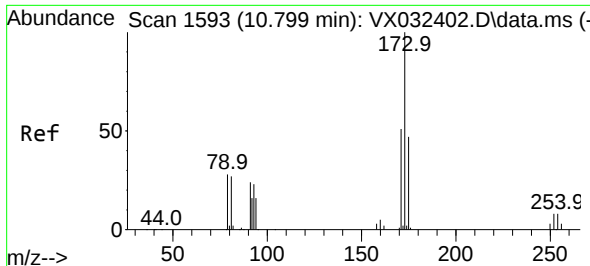
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#70
Styrene
Concen: 51.510 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

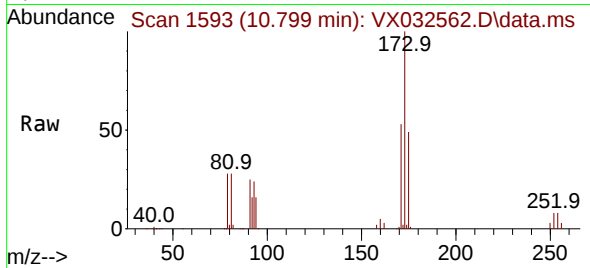
Tgt Ion:104 Resp: 211316
Ion Ratio Lower Upper
104 100
78 52.2 41.8 62.8
103 54.8 44.5 66.7





#71
Bromoform
Concen: 51.359 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

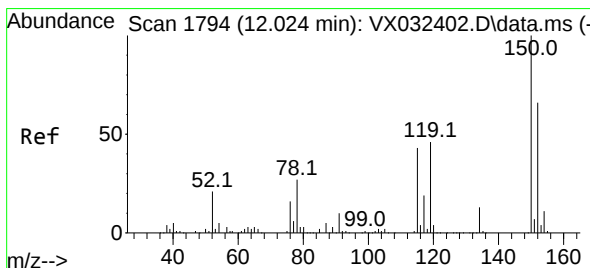
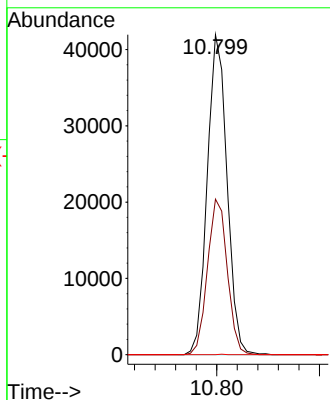
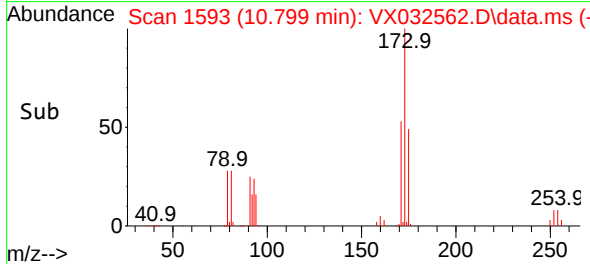
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 55878
Ion Ratio Lower Upper
173 100
175 48.8 23.9 71.8
254 0.0 0.0 0.0

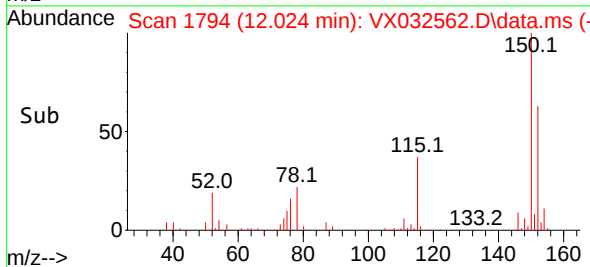
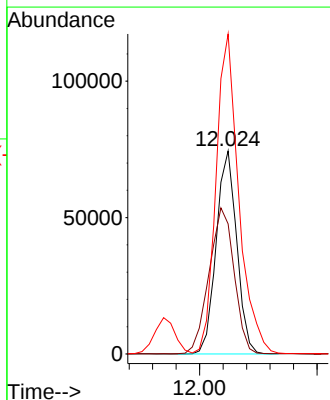
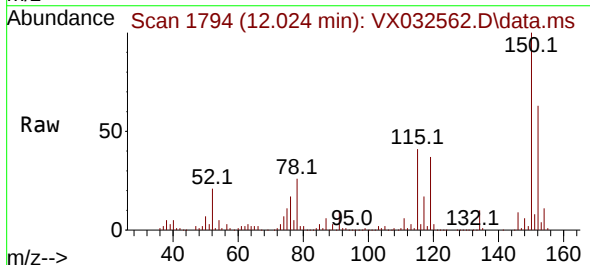
Manual Integrations
APPROVED

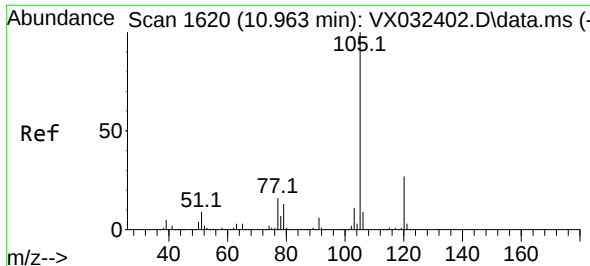
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

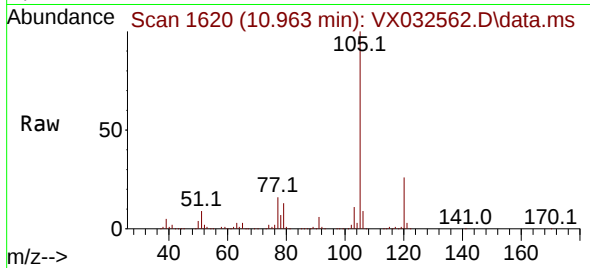
Tgt Ion:152 Resp: 90185
Ion Ratio Lower Upper
152 100
115 87.8 44.0 132.0
150 175.5 0.0 351.8





#73
Isopropylbenzene
Concen: 47.093 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

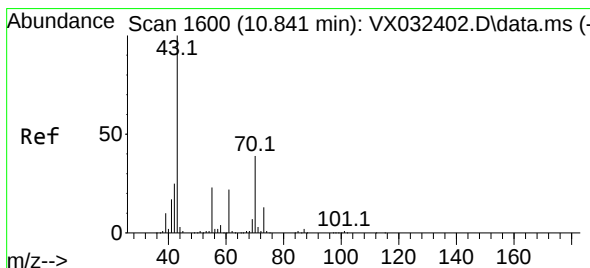
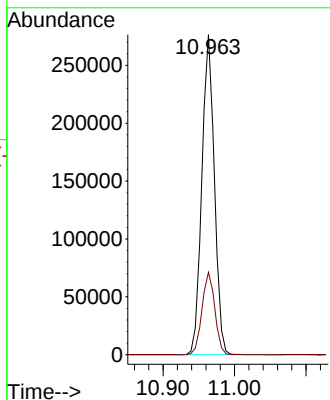
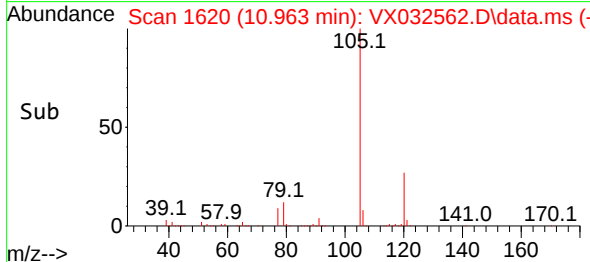
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 33654
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3

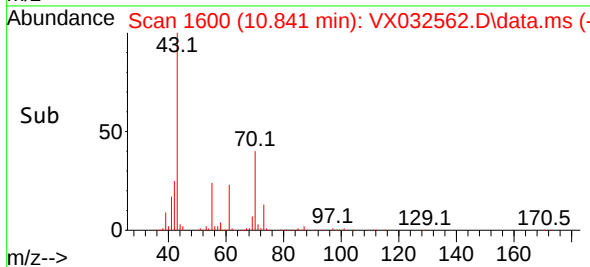
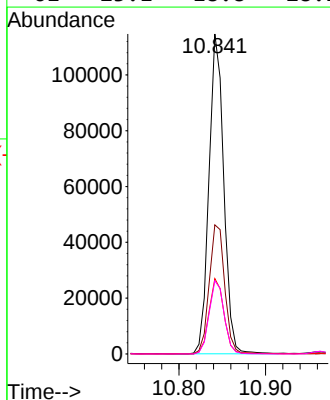
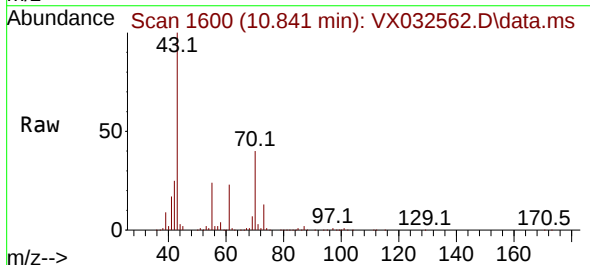
Manual Integrations
APPROVED

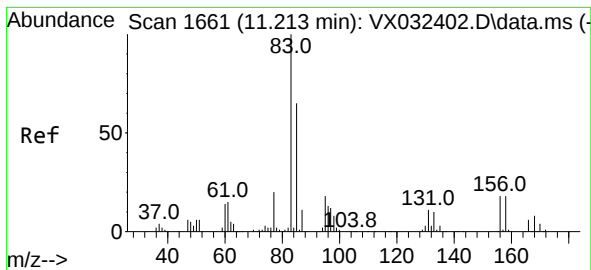
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#74
N-ethyl acetate
Concen: 50.403 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

Tgt Ion: 43 Resp: 136099
Ion Ratio Lower Upper
43 100
70 42.4 33.6 50.4
55 23.7 19.4 29.2
61 23.1 18.8 28.2





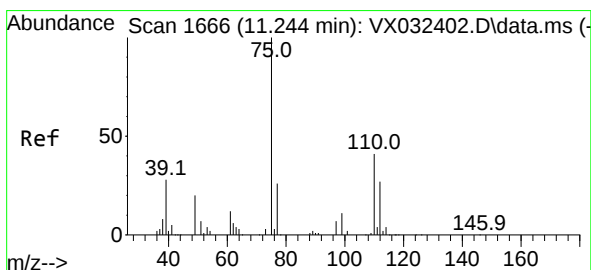
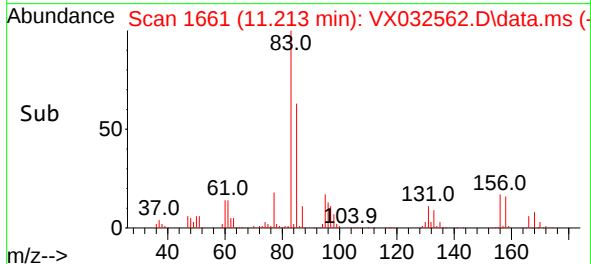
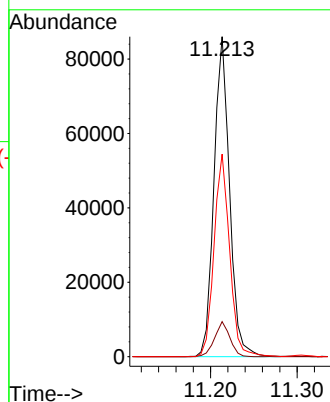
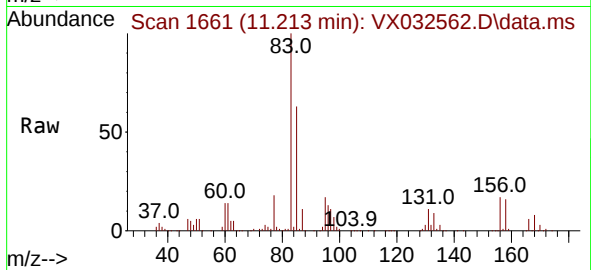
#75
1,1,2,2-Tetrachloroethane
Concen: 46.881 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 10754
Ion Ratio Lower Upper
83 100
131 10.7 5.4 16.2
85 63.4 31.9 95.9

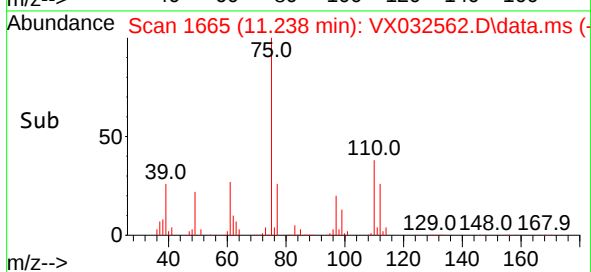
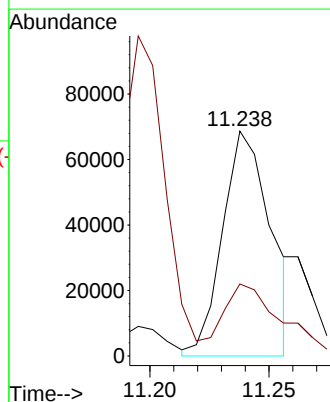
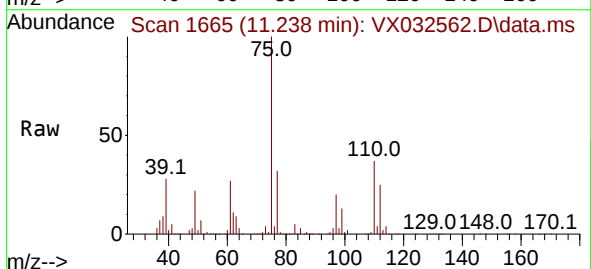
Manual Integrations
APPROVED

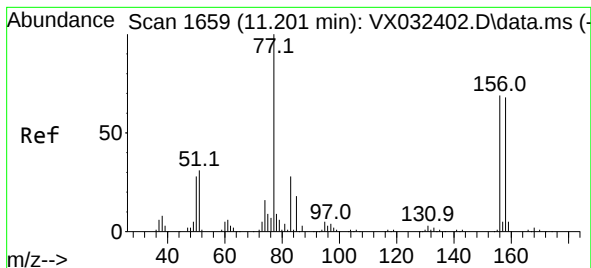
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#76
1,2,3-Trichloropropane
Concen: 48.013 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

Tgt Ion: 75 Resp: 96334
Ion Ratio Lower Upper
75 100
77 39.5 20.0 60.0





#77

Bromobenzene

Concen: 46.903 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX032562.D

Acq: 03 Nov 2022 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

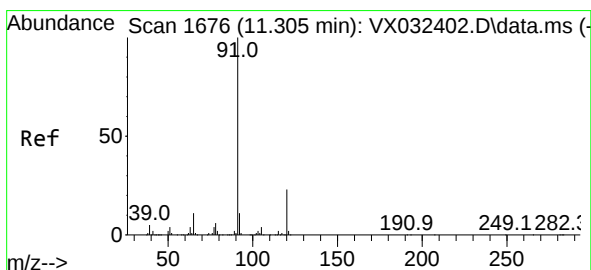
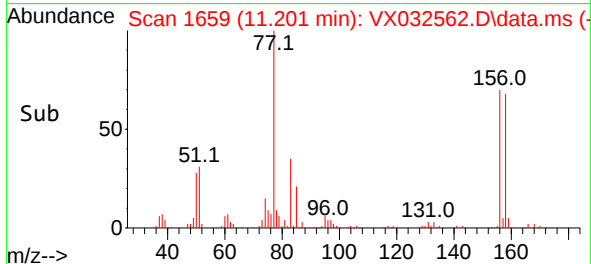
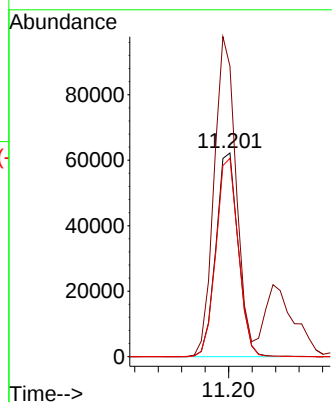
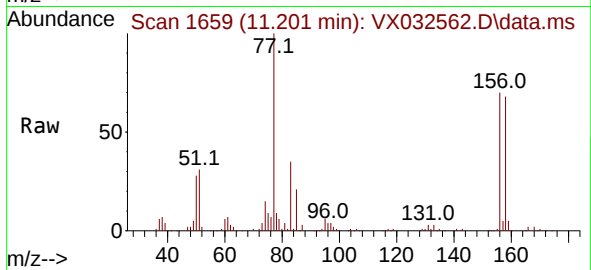
Tgt Ion:	156	Resp:	82179
Ion Ratio	Lower	Upper	
156	100		
77	154.7	76.1	228.4
158	97.3	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#78

n-propylbenzene

Concen: 47.709 ug/l

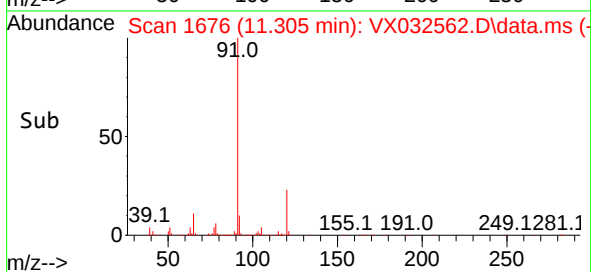
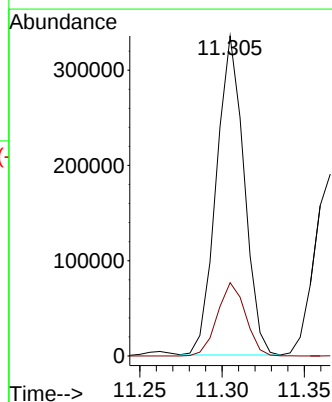
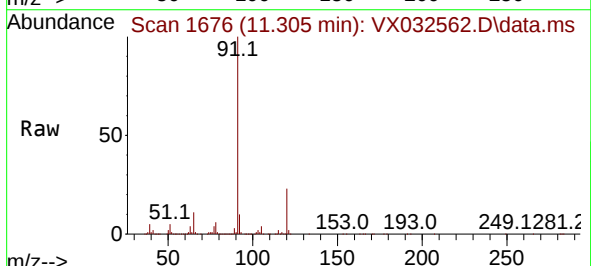
RT: 11.305 min Scan# 1676

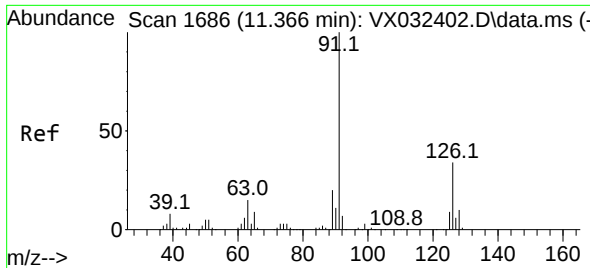
Delta R.T. 0.000 min

Lab File: VX032562.D

Acq: 03 Nov 2022 17:47

Tgt Ion:	91	Resp:	392821
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.6	34.8





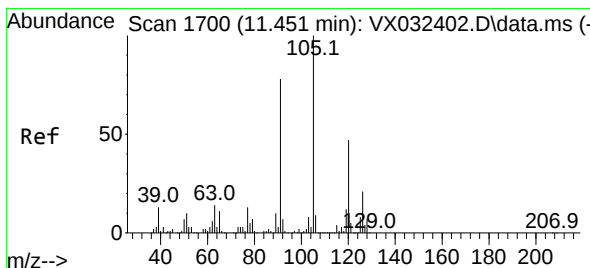
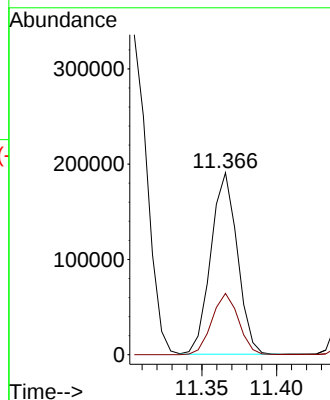
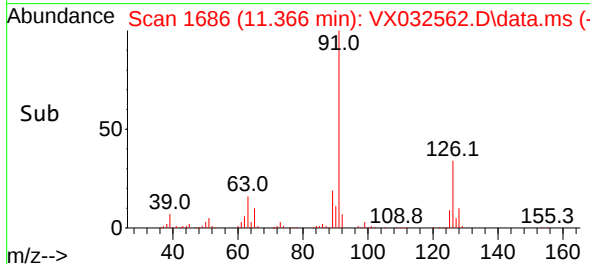
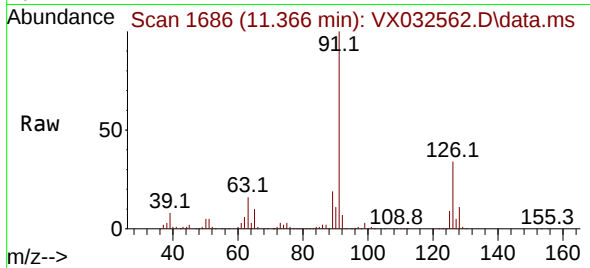
#79
2-Chlorotoluene
Concen: 47.693 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 23517
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.2

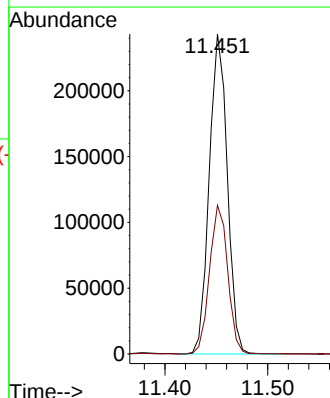
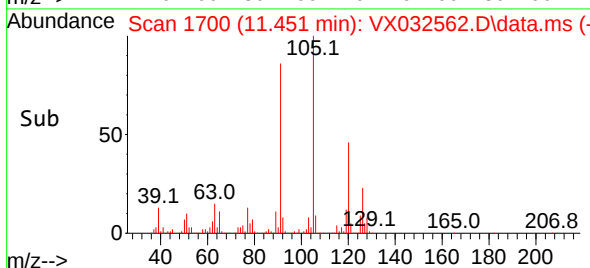
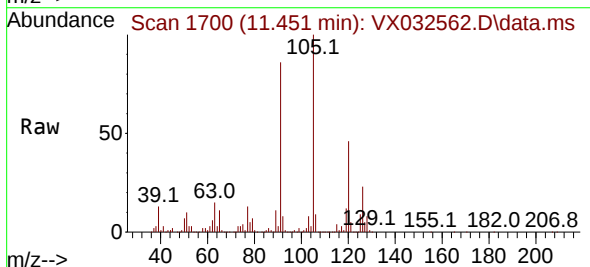
Manual Integrations
APPROVED

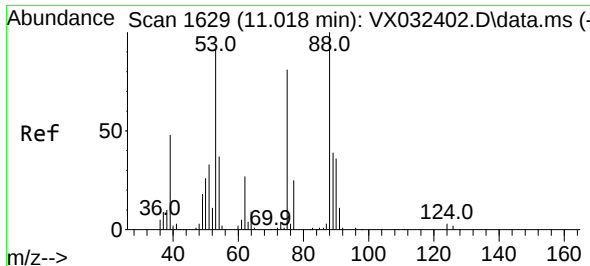
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#80
1,3,5-Trimethylbenzene
Concen: 48.398 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

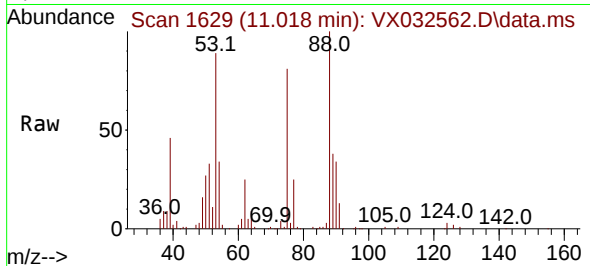
Tgt Ion:105 Resp: 295607
Ion Ratio Lower Upper
105 100
120 46.9 23.6 71.0





#81
trans-1,4-Dichloro-2-butene
Concen: 49.418 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

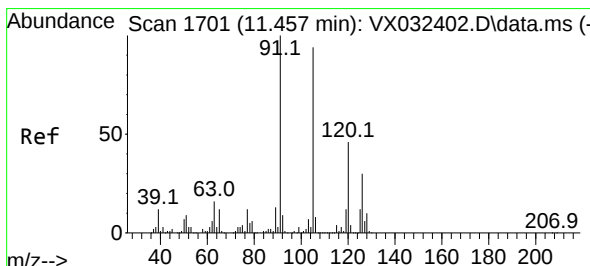
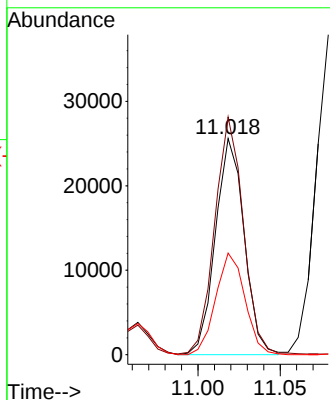
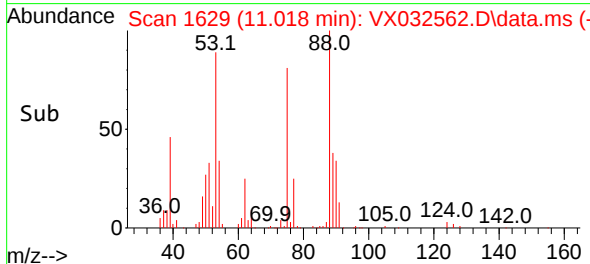
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 31160
Ion Ratio Lower Upper
75 100
53 108.6 86.9 130.3
89 47.7 38.3 57.5

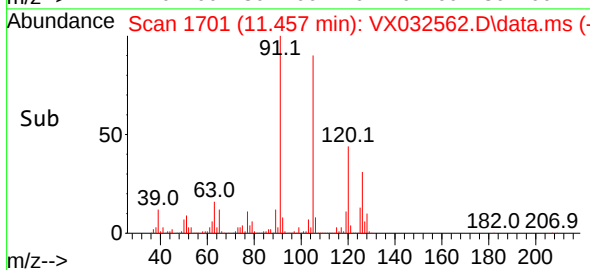
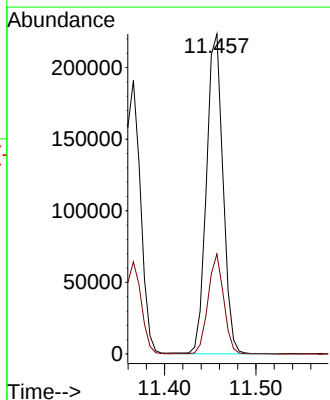
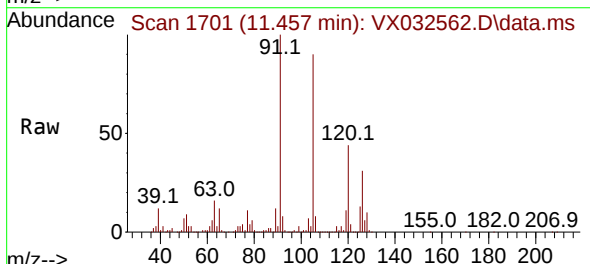
Manual Integrations
APPROVED

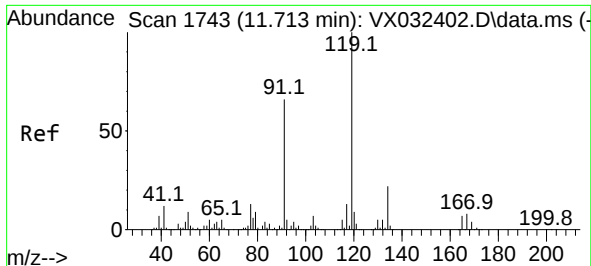
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#82
4-Chlorotoluene
Concen: 48.343 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

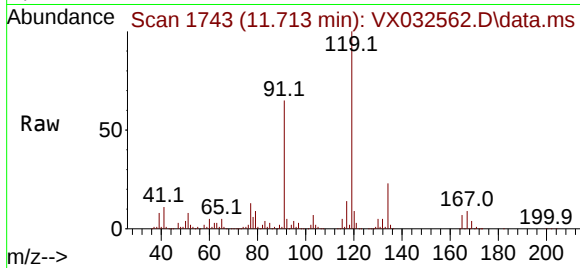
Tgt Ion: 91 Resp: 278935
Ion Ratio Lower Upper
91 100
126 29.7 14.8 44.4





#83
tert-Butylbenzene
Concen: 48.374 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

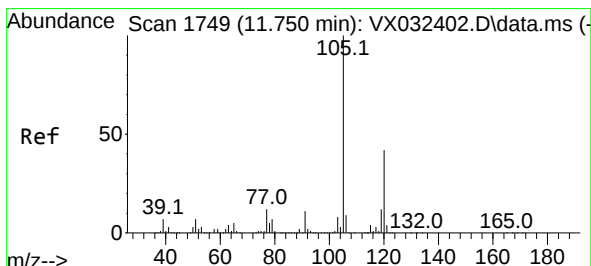
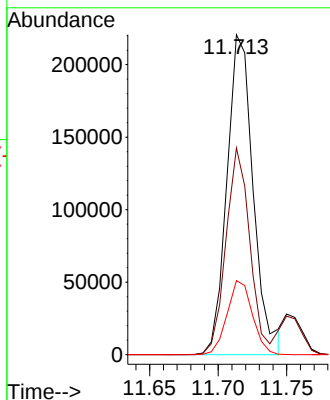
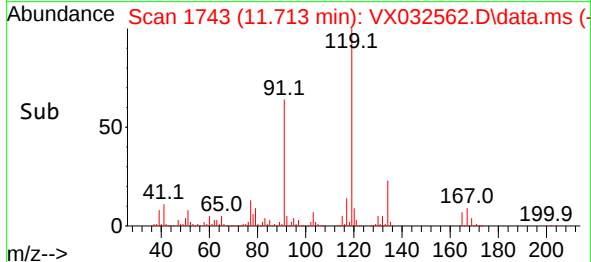
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



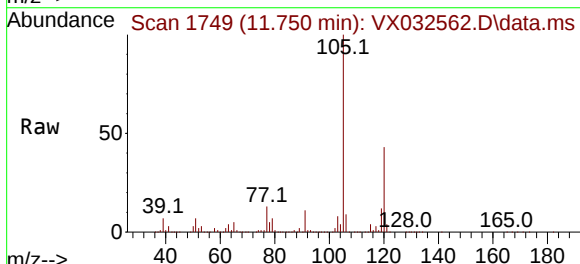
Tgt Ion:119 Resp: 294970
Ion Ratio Lower Upper
119 100
91 58.6 29.4 88.2
134 22.3 11.0 33.0

Manual Integrations
APPROVED

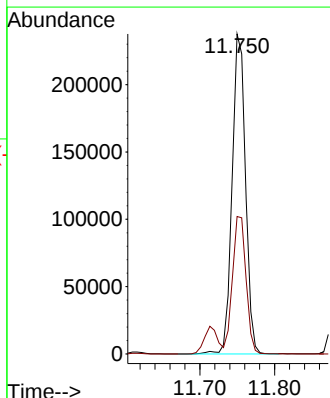
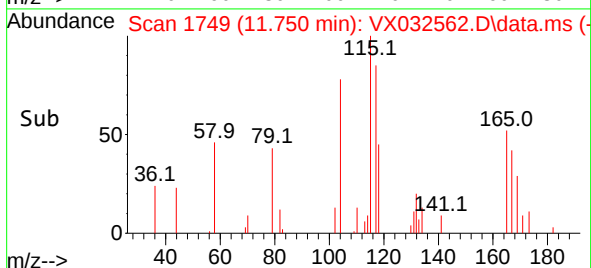
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

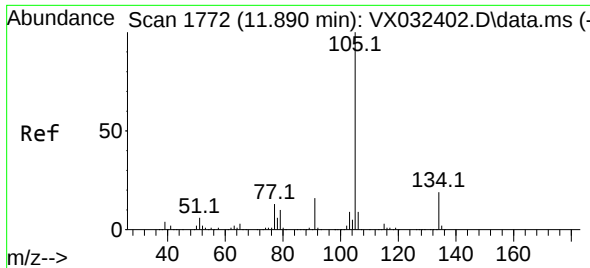


#84
1,2,4-Trimethylbenzene
Concen: 48.758 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47



Tgt Ion:105 Resp: 296195
Ion Ratio Lower Upper
105 100
120 43.6 21.9 65.5





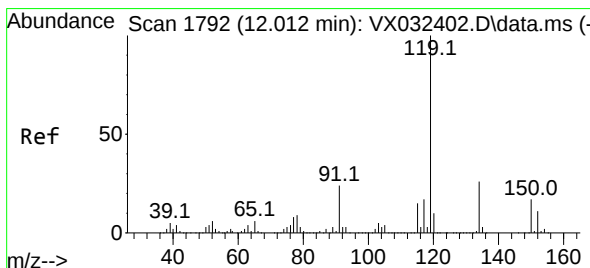
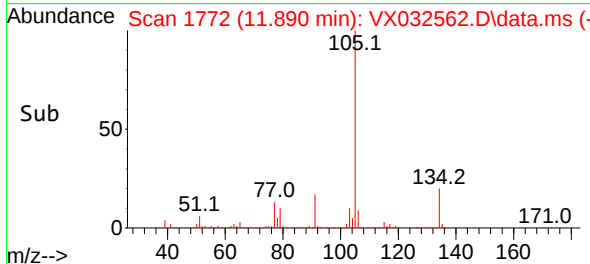
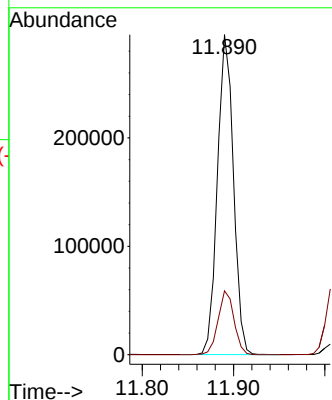
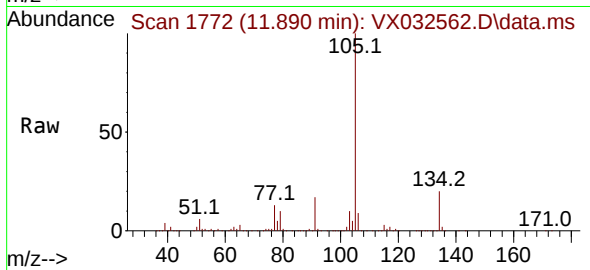
#85
 sec-Butylbenzene
 Concen: 48.937 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX032562.D
 Acq: 03 Nov 2022 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 359062
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.9 29.7

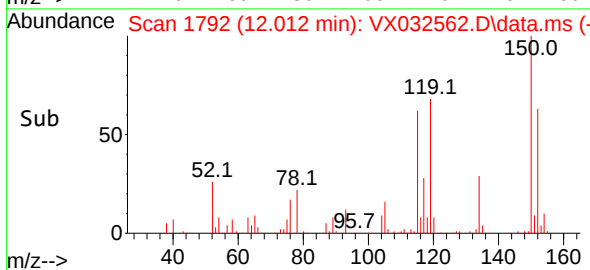
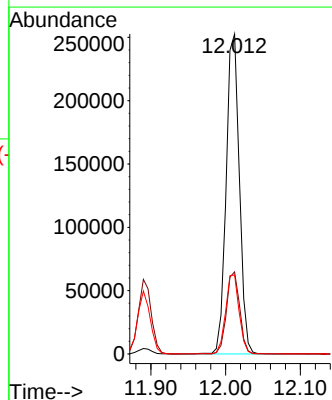
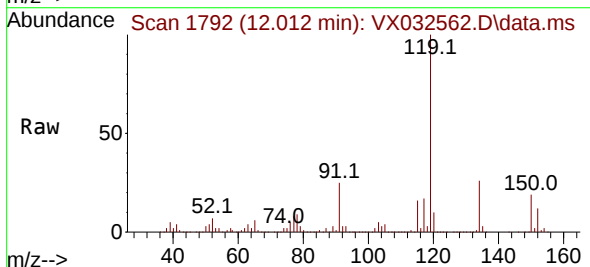
Manual Integrations
 APPROVED

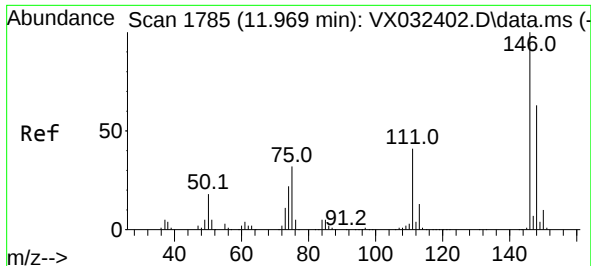
Reviewed By :John Carlone 11/04/2022
 Supervised By :Mahesh Dadoda 11/04/2022



#86
 p-Isopropyltoluene
 Concen: 49.821 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032562.D
 Acq: 03 Nov 2022 17:47

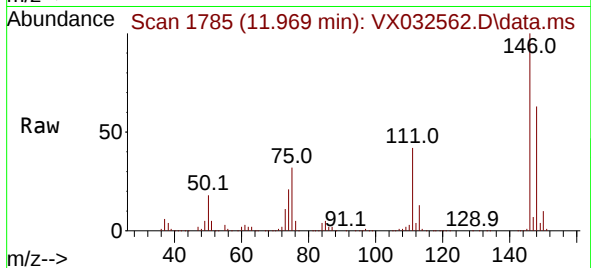
Tgt Ion:119 Resp: 310184
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.7
 91 25.2 12.5 37.5





#87
1,3-Dichlorobenzene
Concen: 48.254 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

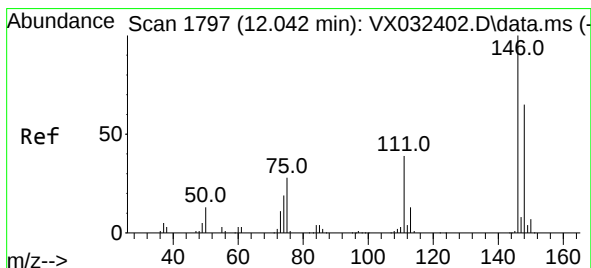
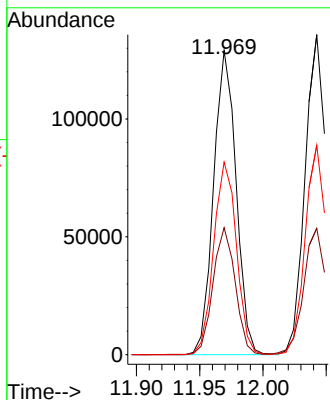
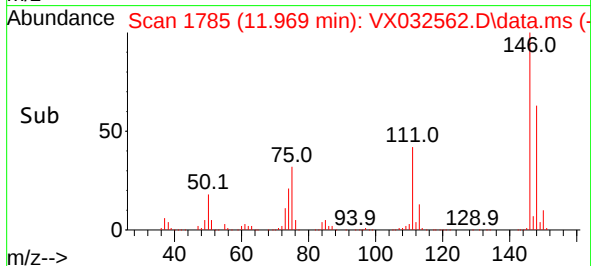
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



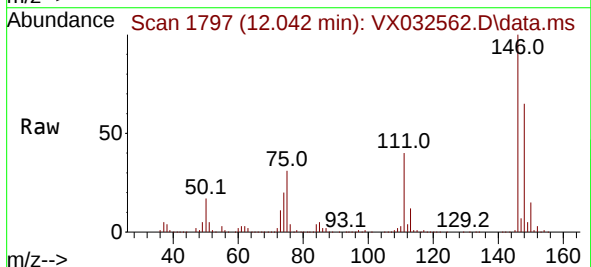
Tgt Ion:146 Resp: 159470
Ion Ratio Lower Upper
146 100
111 41.4 20.6 61.8
148 64.1 31.7 95.1

Manual Integrations
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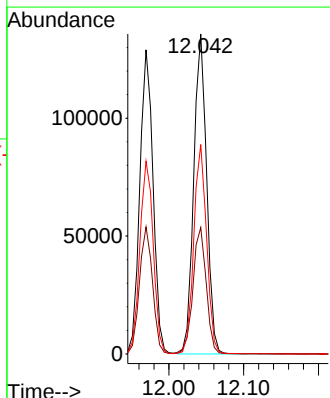
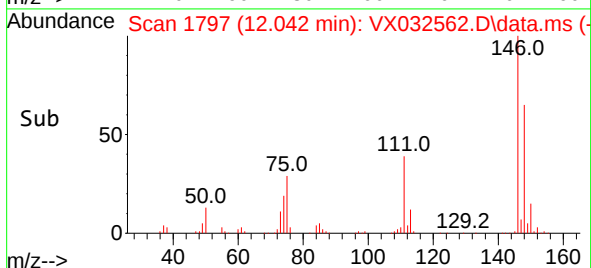
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

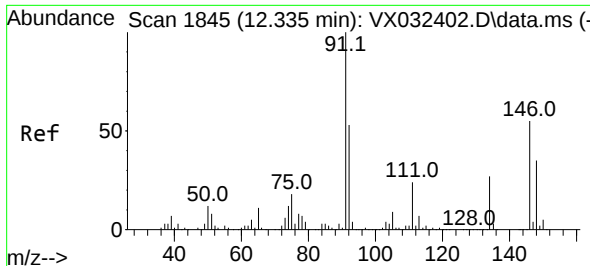


#88
1,4-Dichlorobenzene
Concen: 47.467 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47



Tgt Ion:146 Resp: 162745
Ion Ratio Lower Upper
146 100
111 40.6 20.5 61.6
148 64.9 32.2 96.6





#89

n-Butylbenzene

Concen: 50.712 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032562.D

Acq: 03 Nov 2022 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 274679

Ion Ratio Lower Upper

91 100

92 52.2 26.2 78.6

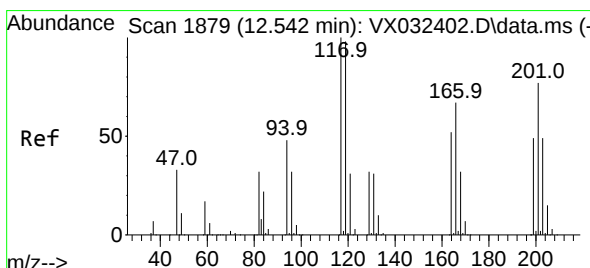
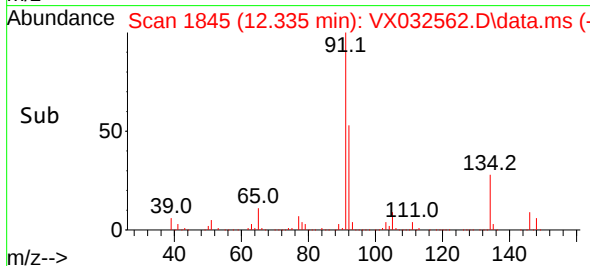
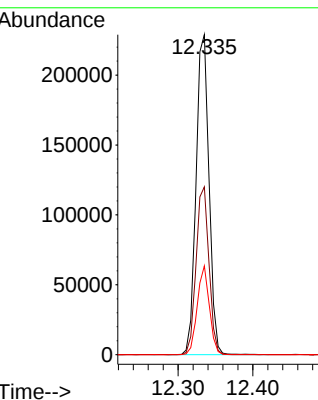
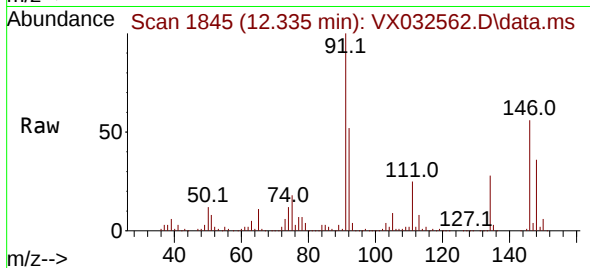
134 26.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#90

Hexachloroethane

Concen: 49.700 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX032562.D

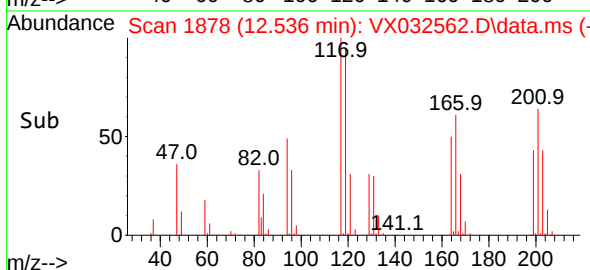
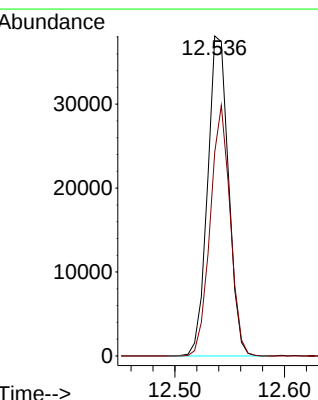
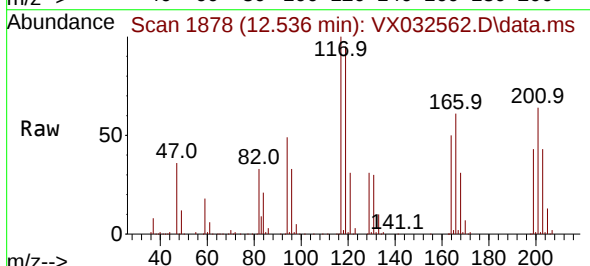
Acq: 03 Nov 2022 17:47

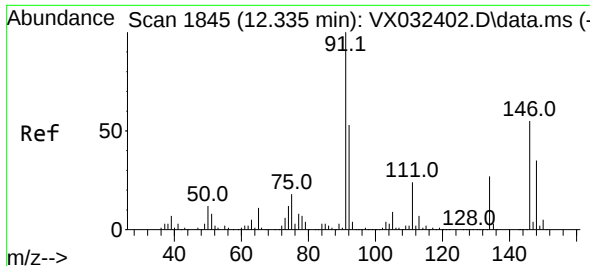
Tgt Ion:117 Resp: 50542

Ion Ratio Lower Upper

117 100

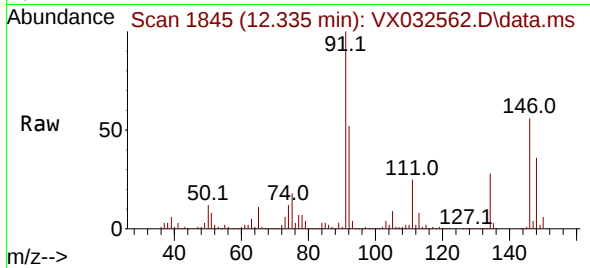
201 74.3 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 48.927 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

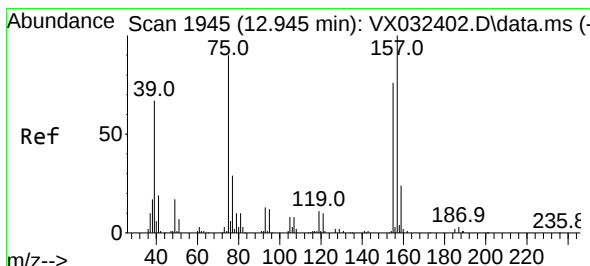
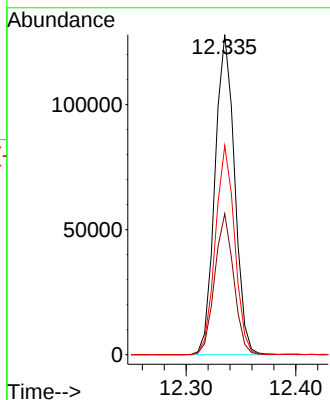
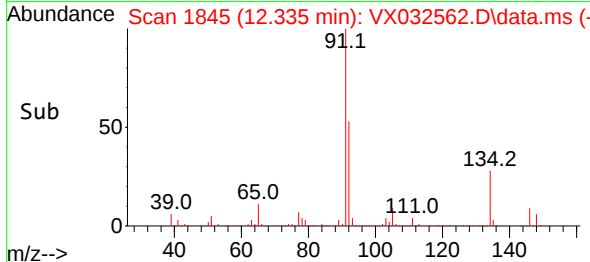
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



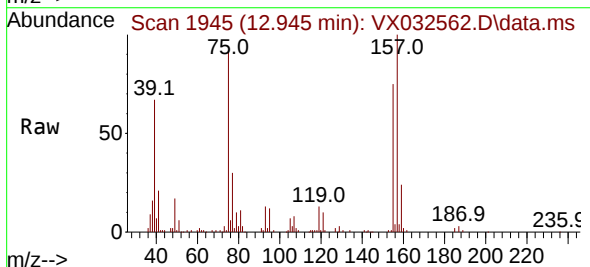
Tgt Ion:146 Resp: 159439
Ion Ratio Lower Upper
146 100
111 42.7 21.5 64.5
148 64.2 32.0 96.2

Manual Integrations
APPROVED

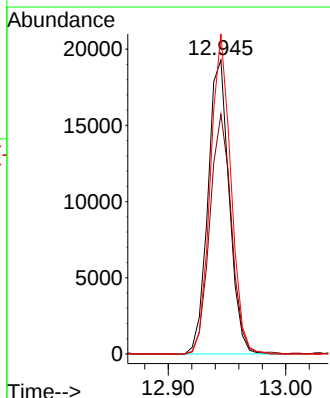
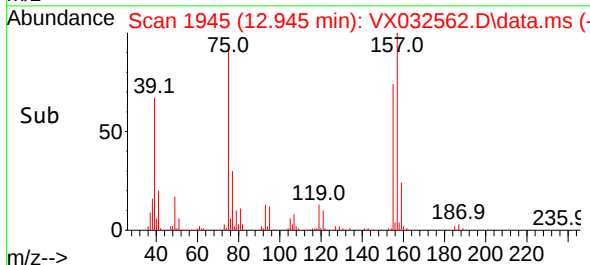
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

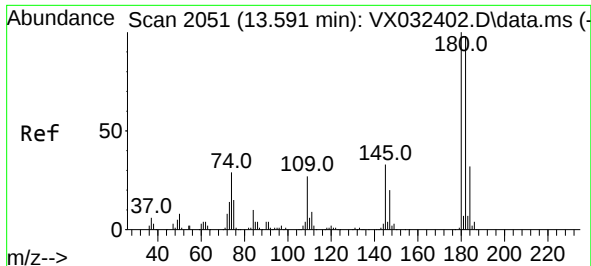


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.205 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47



Tgt Ion: 75 Resp: 24245
Ion Ratio Lower Upper
75 100
155 83.1 41.6 124.8
157 105.0 54.1 162.4





#93
1,2,4-Trichlorobenzene
Concen: 48.781 ug/l
RT: 13.585 min Scan# 2051
Delta R.T. -0.006 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

Instrument :

MSVOA_X

ClientSampleId :

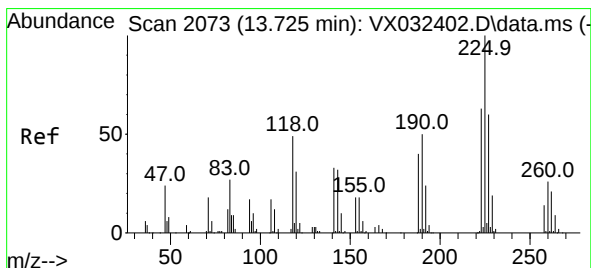
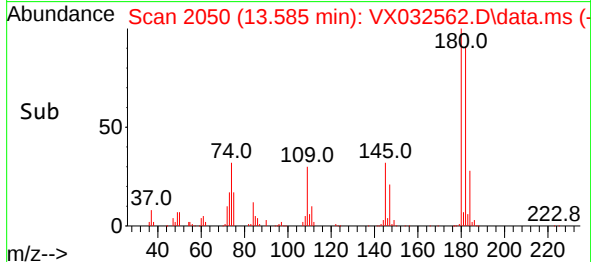
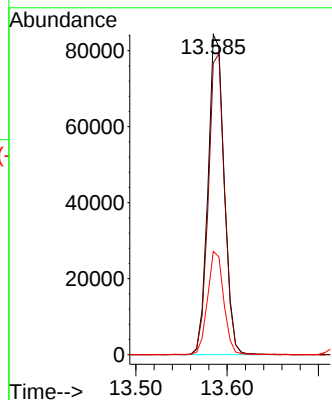
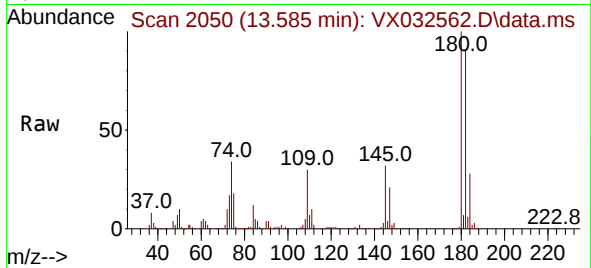
VSTDCCC050EC

Tgt Ion:180 Resp: 103649
Ion Ratio Lower Upper
180 100
182 94.0 48.4 145.0
145 32.3 16.2 48.5

Manual Integrations

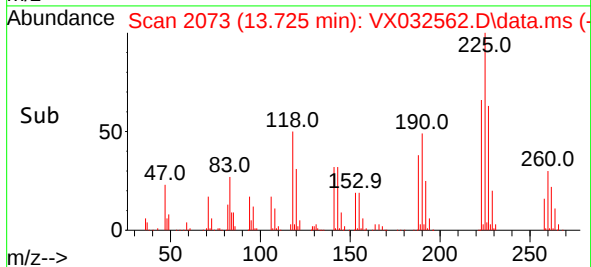
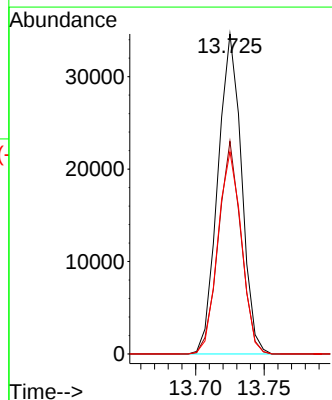
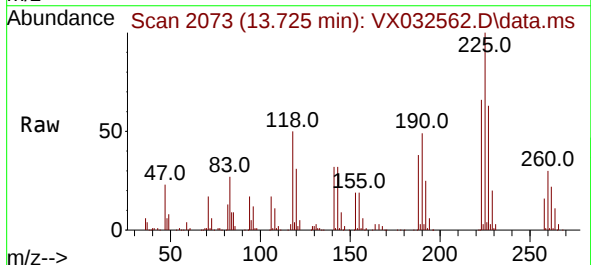
APPROVED

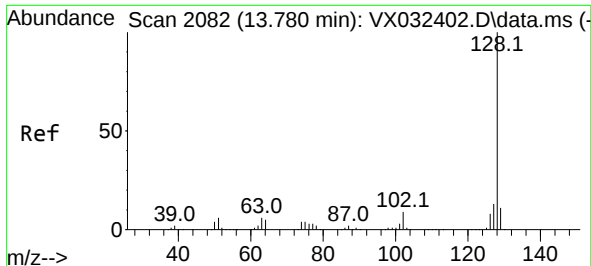
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#94
Hexachlorobutadiene
Concen: 46.764 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

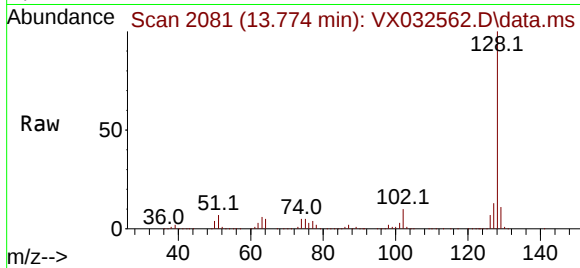
Tgt Ion:225 Resp: 41498
Ion Ratio Lower Upper
225 100
223 63.5 31.9 95.9
227 63.0 31.9 95.5





#95
Naphthalene
Concen: 48.475 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47

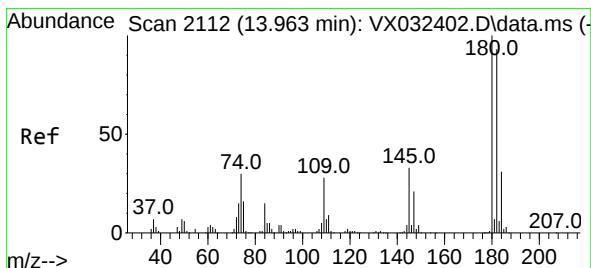
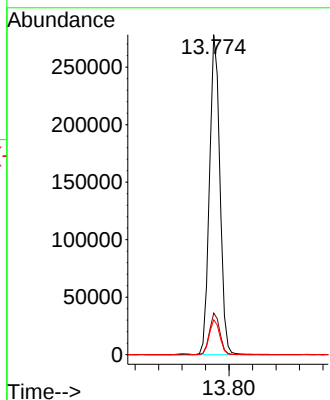
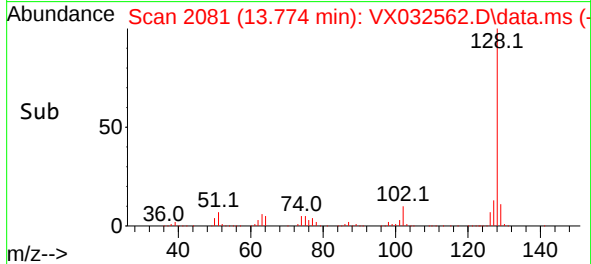
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



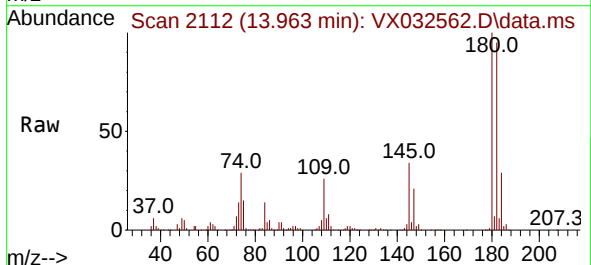
Tgt Ion:128 Resp: 34320
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#96
1,2,3-Trichlorobenzene
Concen: 47.311 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX032562.D
Acq: 03 Nov 2022 17:47



Tgt Ion:180 Resp: 102188
Ion Ratio Lower Upper
180 100
182 96.6 47.5 142.6
145 34.7 16.9 50.6

