

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102622\
 Data File : VX032418.D
 Acq On : 26 Oct 2022 20:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 27 09:09:10 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	114974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	187033	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80658	50.489	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.980%			
35) Dibromofluoromethane	5.391	113	64950	48.684	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.360%			
50) Toluene-d8	8.653	98	230166	49.615	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.220%			
62) 4-Bromofluorobenzene	11.079	95	90243	49.800	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	71745	54.104	ug/l	96
3) Chloromethane	1.294	50	61181	54.556	ug/l	99
4) Vinyl Chloride	1.374	62	67267	54.502	ug/l	99
5) Bromomethane	1.605	94	54445	55.201	ug/l	99
6) Chloroethane	1.685	64	41902	50.607	ug/l	99
7) Trichlorofluoromethane	1.886	101	120806	51.658	ug/l	99
8) Diethyl Ether	2.136	74	39569	52.213	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	63405	51.369	ug/l	99
10) Methyl Iodide	2.453	142	70186	51.080	ug/l	99
11) Tert butyl alcohol	2.971	59	60762	261.320	ug/l	99
12) 1,1-Dichloroethene	2.319	96	58748	50.951	ug/l	97
13) Acrolein	2.233	56	62389	268.773	ug/l	99
14) Allyl chloride	2.666	41	94730	51.539	ug/l	99
15) Acrylonitrile	3.062	53	163934	259.783	ug/l	100
16) Acetone	2.380	43	146603	252.490	ug/l	99
17) Carbon Disulfide	2.514	76	146790	53.449	ug/l	100
18) Methyl Acetate	2.703	43	99799	52.856	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	204919	50.565	ug/l	100
20) Methylene Chloride	2.788	84	65872	49.480	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	63530	50.618	ug/l	99
22) Diisopropyl ether	3.763	45	199129	50.087	ug/l	97
23) Vinyl Acetate	3.721	43	829711	258.316	ug/l	100
24) 1,1-Dichloroethane	3.611	63	116323	50.868	ug/l	99
25) 2-Butanone	4.556	43	229778	255.434	ug/l	99
26) 2,2-Dichloropropane	4.477	77	83974	46.195	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	75310	51.912	ug/l	99
28) Bromochloromethane	4.897	49	40566	49.802	ug/l	98
29) Tetrahydrofuran	5.007	42	150472	262.322	ug/l	100
30) Chloroform	5.099	83	127324	50.742	ug/l	98
31) Cyclohexane	5.470	56	99026	51.124	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	116476	51.727	ug/l	99
36) 1,1-Dichloropropene	5.696	75	92516	49.798	ug/l	99
37) Ethyl Acetate	4.715	43	94574	48.905	ug/l	98
38) Carbon Tetrachloride	5.684	117	103260	50.112	ug/l	96
39) Methylcyclohexane	7.385	83	111091	50.539	ug/l	98
40) Benzene	6.044	78	259730	49.403	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	52191	52.979	ug/l	97
42) 1,2-Dichloroethane	6.092	62	108102	50.301	ug/l	100
43) Isopropyl Acetate	6.342	43	149207	50.251	ug/l	99
44) Trichloroethene	7.129	130	71092	48.036	ug/l	95
45) 1,2-Dichloropropane	7.434	63	66583	49.337	ug/l	97
46) Dibromomethane	7.586	93	50412	48.707	ug/l	99
47) Bromodichloromethane	7.824	83	98908	50.422	ug/l	99
48) Methyl methacrylate	7.696	41	76575	49.935	ug/l	99
49) 1,4-Dioxane	7.677	88	32208	1102.090	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	477494	255.312	ug/l	100
52) Toluene	8.720	92	170991	49.851	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	101817	50.872	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	107404	50.173	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	70485	48.794	ug/l	99
56) Ethyl methacrylate	9.116	69	105989	50.986	ug/l	100
57) 1,3-Dichloropropane	9.311	76	115919	49.692	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	257752	257.505	ug/l	100
59) 2-Hexanone	9.433	43	361946	260.817	ug/l	100
60) Dibromochloromethane	9.525	129	78999	50.069	ug/l	99
61) 1,2-Dibromoethane	9.610	107	75453	49.296	ug/l	99
64) Tetrachloroethene	9.275	164	60155	47.847	ug/l	96
65) Chlorobenzene	10.079	112	186964	48.591	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	71588	49.435	ug/l	99
67) Ethyl Benzene	10.195	91	340767	49.526	ug/l	99
68) m/p-Xylenes	10.305	106	264977	99.176	ug/l	100
69) o-Xylene	10.646	106	129461	49.837	ug/l	100
70) Styrene	10.659	104	216555	50.161	ug/l	100
71) Bromoform	10.805	173	57082	49.855	ug/l #	99
73) Isopropylbenzene	10.963	105	349269	48.783	ug/l	99
74) N-amyl acetate	10.841	43	137352	50.773	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	111051	48.322	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	99276m	49.388	ug/l	
77) Bromobenzene	11.201	156	85148	48.510	ug/l	99
78) n-propylbenzene	11.305	91	399656	48.450	ug/l	100
79) 2-Chlorotoluene	11.366	91	239023	48.384	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	303231	49.555	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	30242	47.873	ug/l	95
82) 4-Chlorotoluene	11.457	91	283216	48.994	ug/l	100
83) tert-Butylbenzene	11.719	119	298587	48.876	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	301529	49.544	ug/l	100
85) sec-Butylbenzene	11.890	105	368813	50.173	ug/l	100
86) p-Isopropyltoluene	12.012	119	312734	50.138	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	160456	48.461	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	163794	47.685	ug/l	99
89) n-Butylbenzene	12.335	91	273061	50.320	ug/l	99
90) Hexachloroethane	12.542	117	51436	50.486	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	159888	48.974	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25289	50.188	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	101017	47.454	ug/l	99
94) Hexachlorobutadiene	13.725	225	40726	45.809	ug/l	99
95) Naphthalene	13.774	128	346557	48.858	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	100635	46.506	ug/l	98

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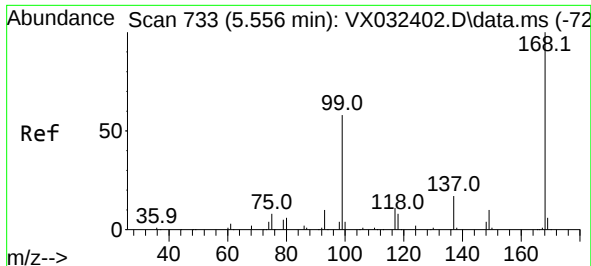
Manual Integrations
APPROVED

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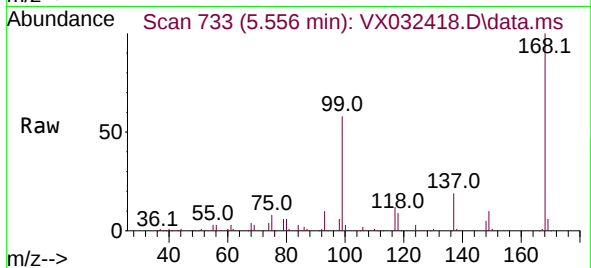
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
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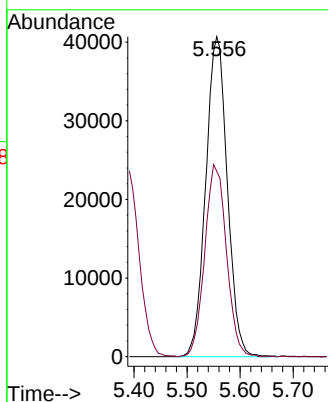
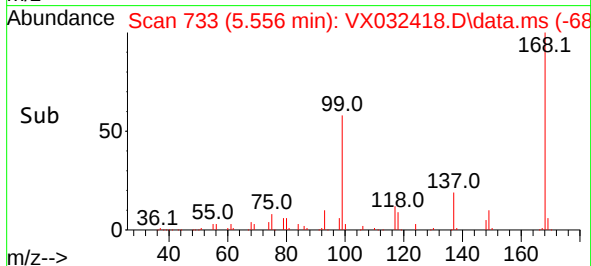
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



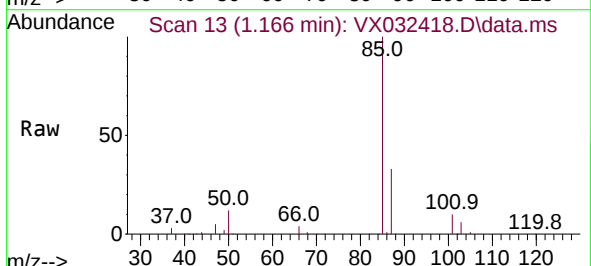
Tgt Ion:168 Resp: 114974
Ion Ratio Lower Upper
168 100
99 58.0 46.1 69.1

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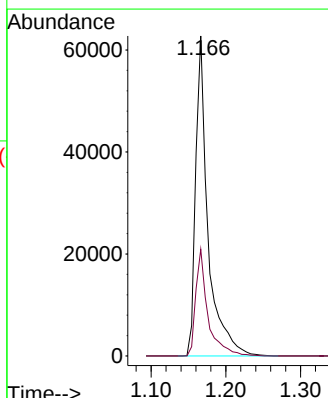
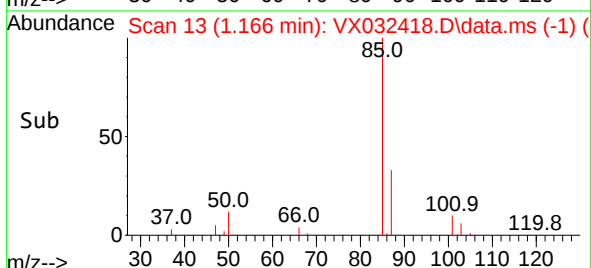
Reviewed By :John Carlone 10/27/2022
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#2
Dichlorodifluoromethane
Concen: 54.104 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34



Tgt Ion: 85 Resp: 71745
Ion Ratio Lower Upper
85 100
87 33.4 15.6 46.7





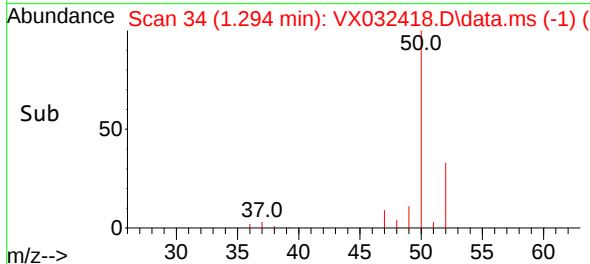
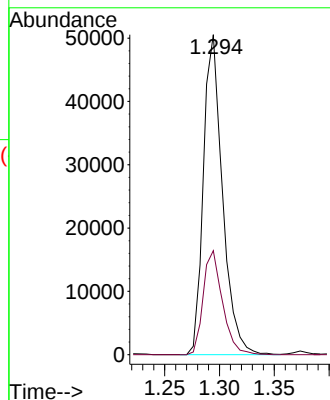
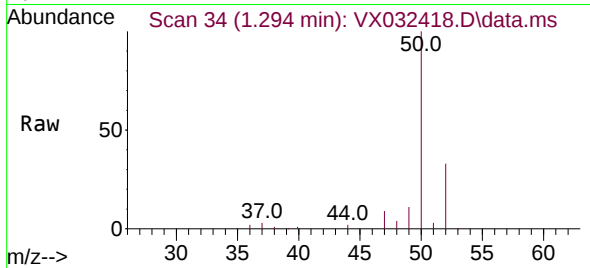
#3
Chloromethane
Concen: 54.556 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 6118
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2

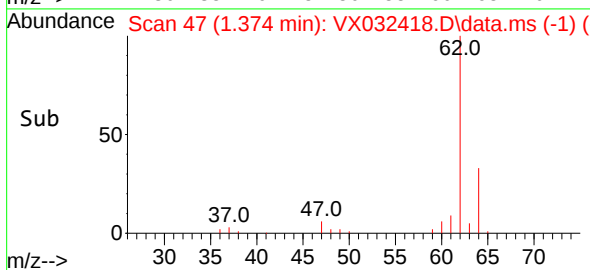
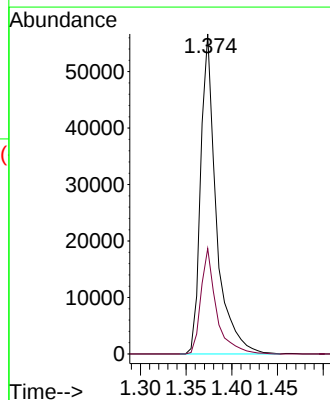
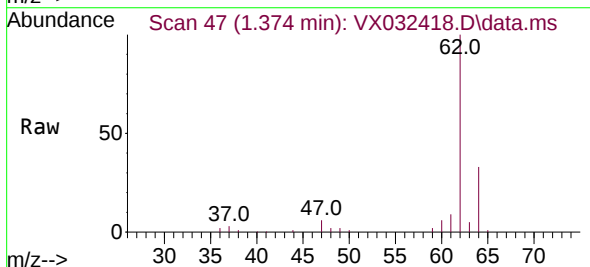
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#4
Vinyl Chloride
Concen: 54.502 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

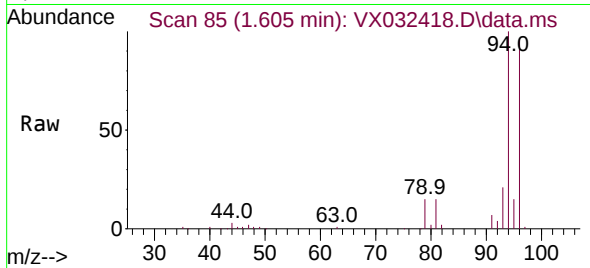
Tgt Ion: 62 Resp: 67267
Ion Ratio Lower Upper
62 100
64 33.0 25.8 38.6





#5
Bromomethane
Concen: 55.201 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

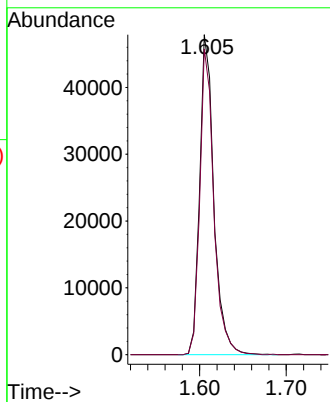
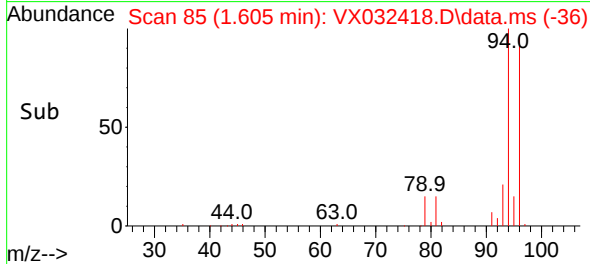
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 5444
Ion Ratio Lower Upper
94 100
96 95.6 77.6 116.4

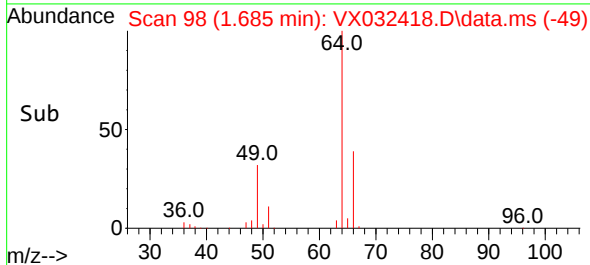
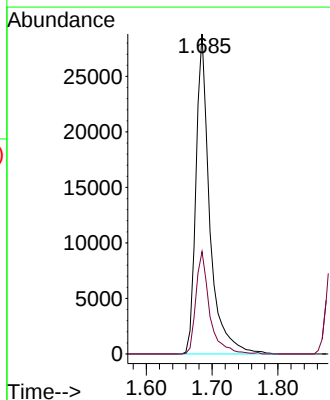
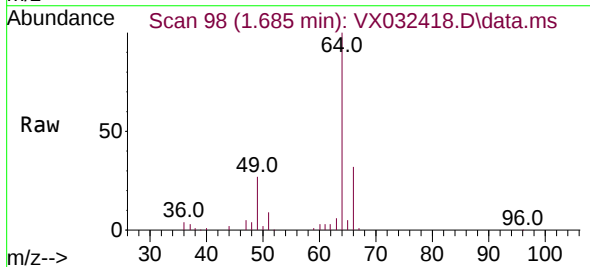
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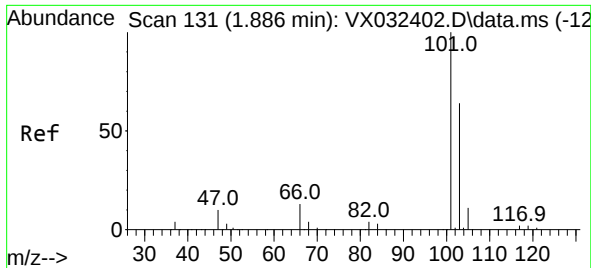
Reviewed By :John Carlone 10/27/2022
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#6
Chloroethane
Concen: 50.607 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

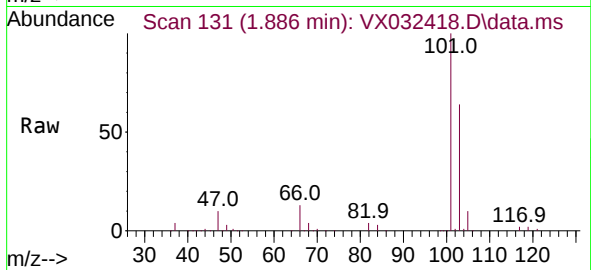
Tgt Ion: 64 Resp: 41902
Ion Ratio Lower Upper
64 100
66 32.0 26.0 39.0





#7
 Trichlorofluoromethane
 Concen: 51.658 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX032418.D
 Acq: 26 Oct 2022 20:34

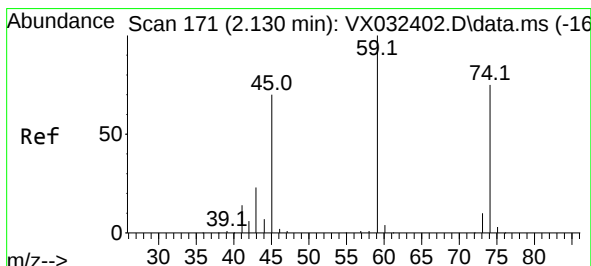
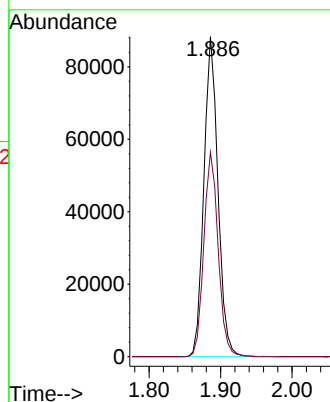
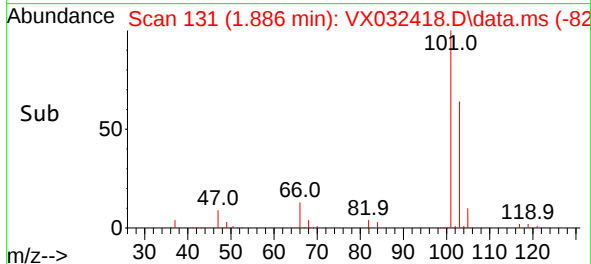
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Tgt Ion:101 Resp: 120800
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.4 77.2

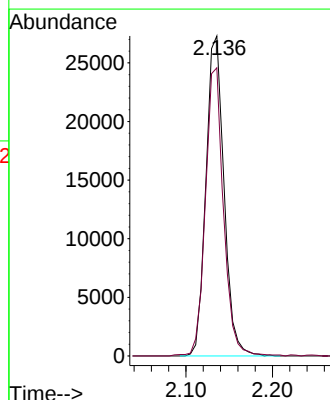
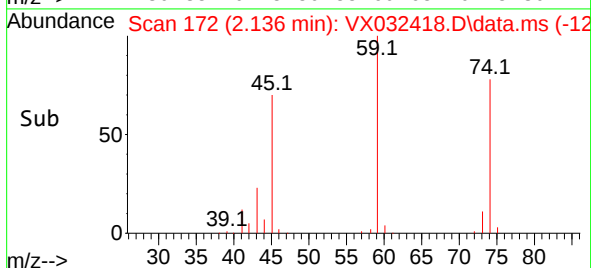
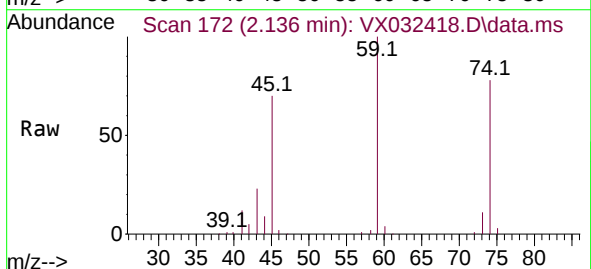
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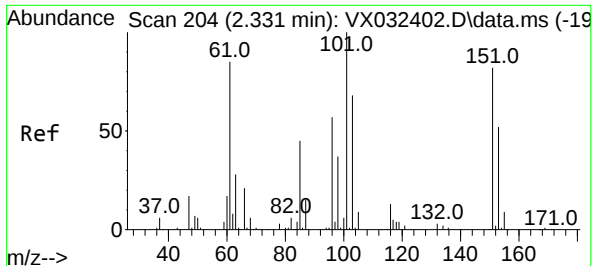
Reviewed By :John Carlone 10/27/2022
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#8
 Diethyl Ether
 Concen: 52.213 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX032418.D
 Acq: 26 Oct 2022 20:34

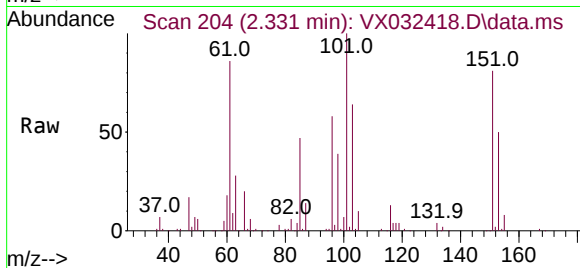
Tgt Ion: 74 Resp: 39569
 Ion Ratio Lower Upper
 74 100
 45 90.4 46.6 139.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.369 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

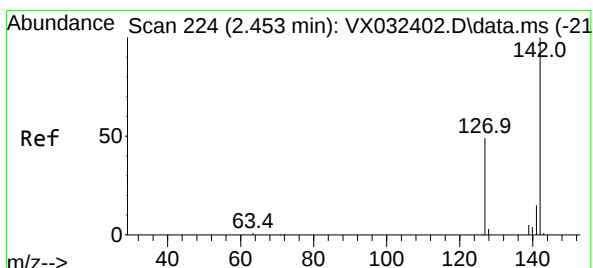
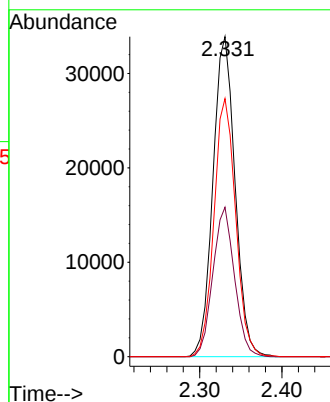
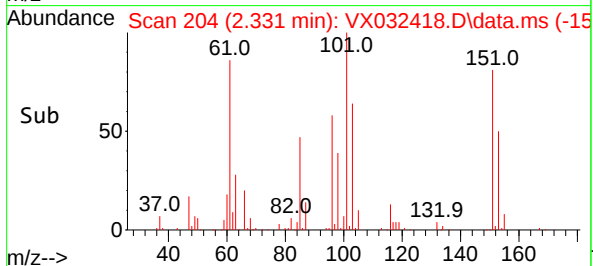
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Tgt Ion:101 Resp: 6340
Ion Ratio Lower Upper
101 100
85 45.5 37.0 55.4
151 79.2 64.4 96.6

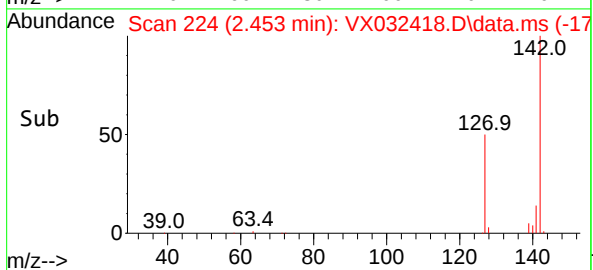
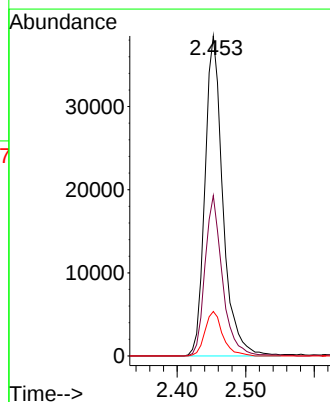
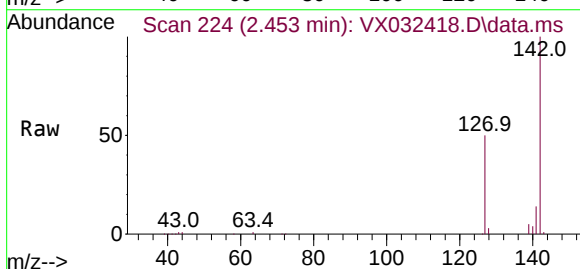
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#10
Methyl Iodide
Concen: 51.080 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

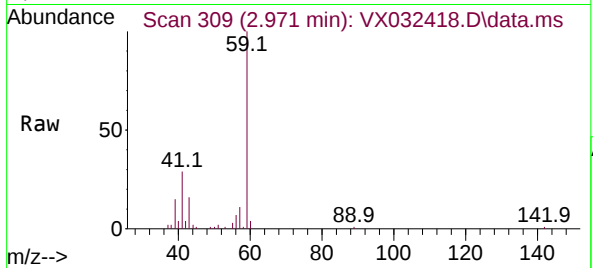
Tgt Ion:142 Resp: 70186
Ion Ratio Lower Upper
142 100
127 49.0 38.6 57.8
141 13.8 11.4 17.2





#11
Tert butyl alcohol
Concen: 261.320 ug/l
RT: 2.971 min Scan# 308
Delta R.T. 0.006 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

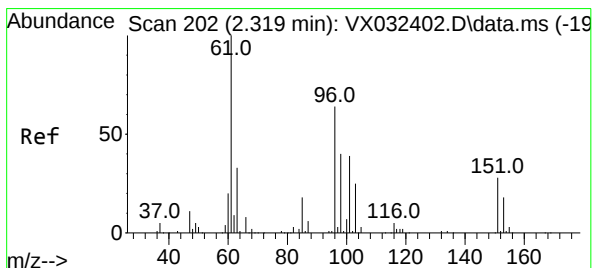
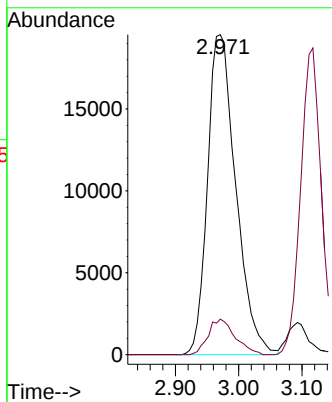
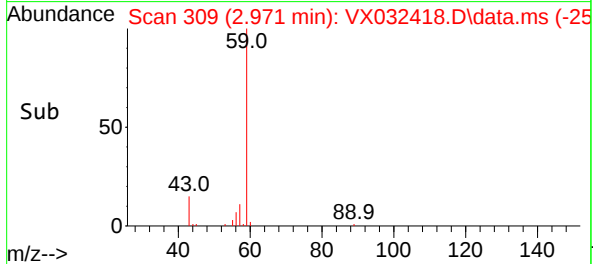
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 60762
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

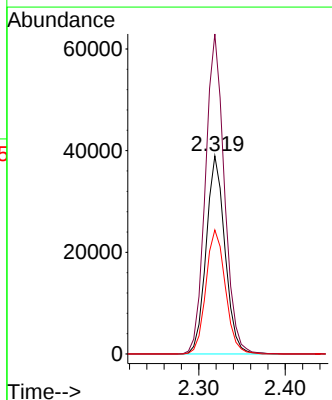
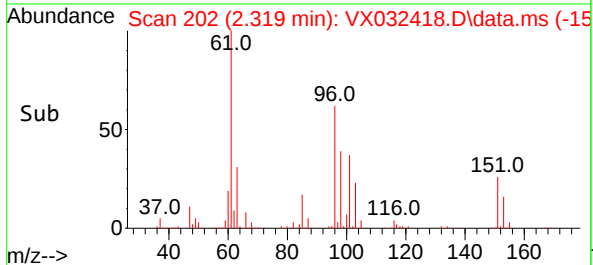
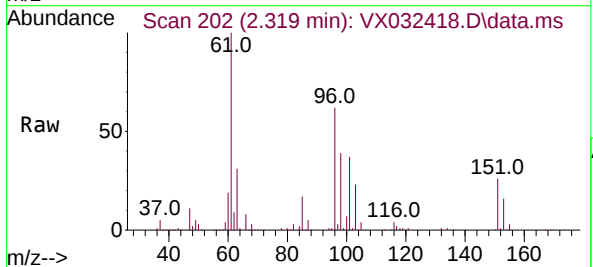
Manual Integrations
APPROVED

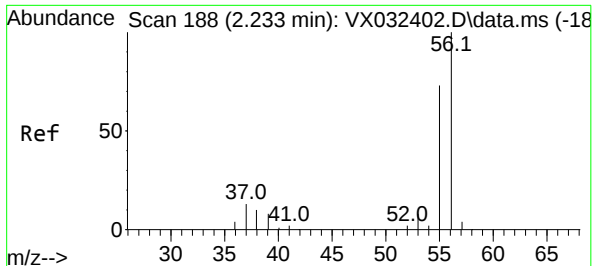
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#12
1,1-Dichloroethene
Concen: 50.951 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

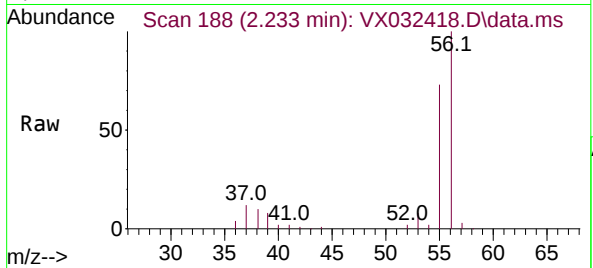
Tgt Ion: 96 Resp: 58748
Ion Ratio Lower Upper
96 100
61 161.5 125.1 187.7
98 62.6 50.6 76.0





#13
Acrolein
Concen: 268.773 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

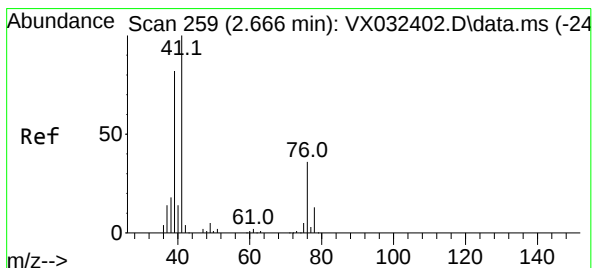
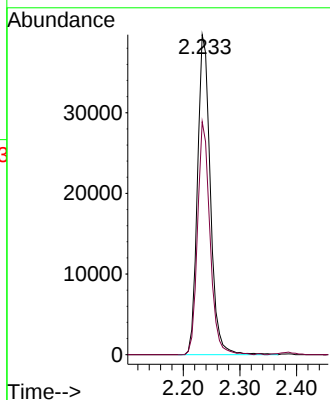
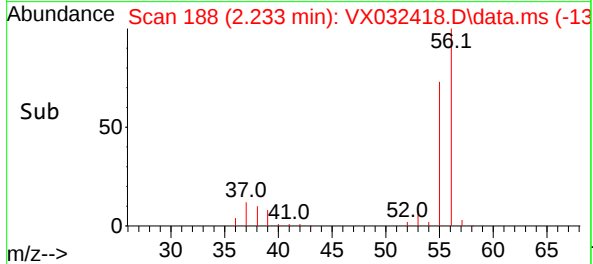
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 62389
Ion Ratio Lower Upper
56 100
55 70.6 56.9 85.3

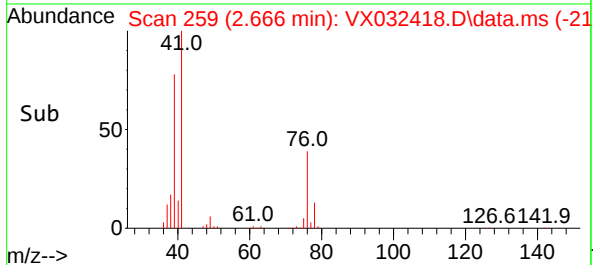
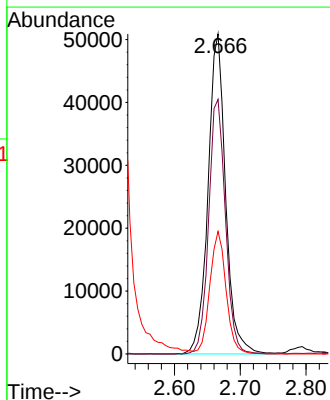
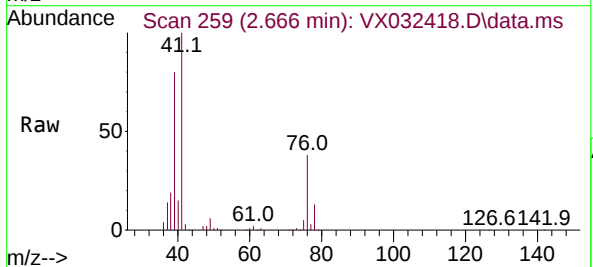
Manual Integrations
APPROVED

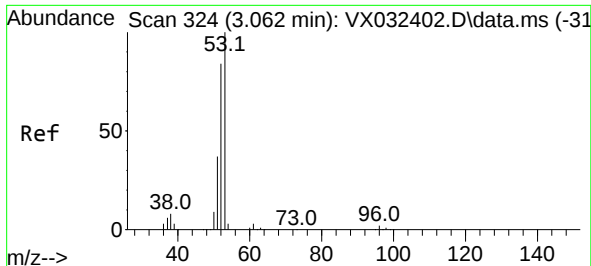
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#14
Allyl chloride
Concen: 51.539 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

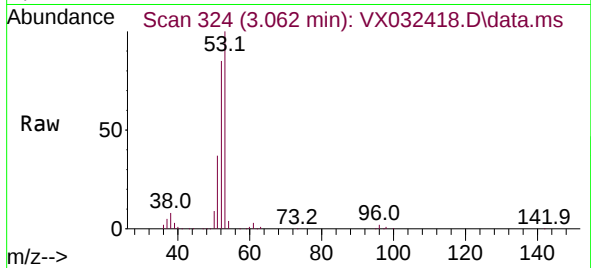
Tgt Ion: 41 Resp: 94730
Ion Ratio Lower Upper
41 100
39 75.9 61.4 92.2
76 35.3 29.2 43.8





#15
Acrylonitrile
Concen: 259.783 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

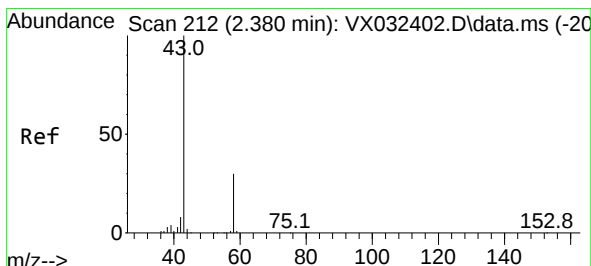
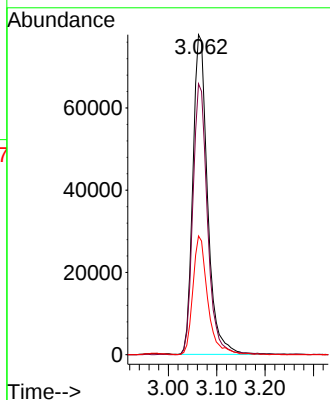
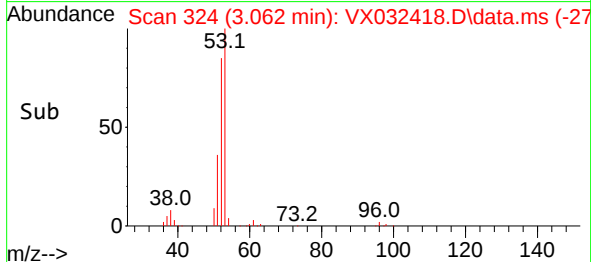
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 163934
Ion Ratio Lower Upper
53 100
52 84.4 67.4 101.0
51 37.5 30.3 45.5

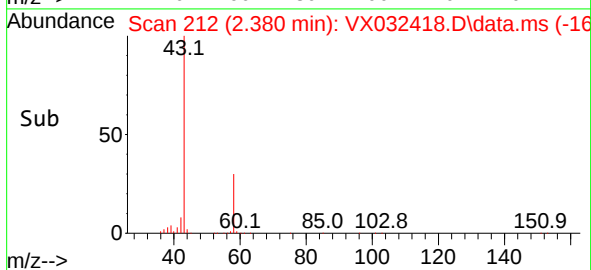
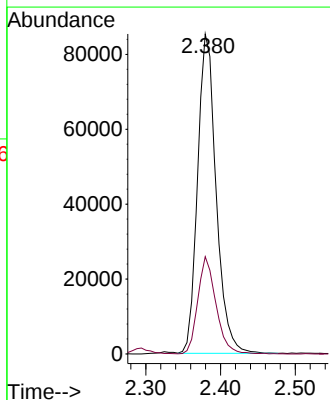
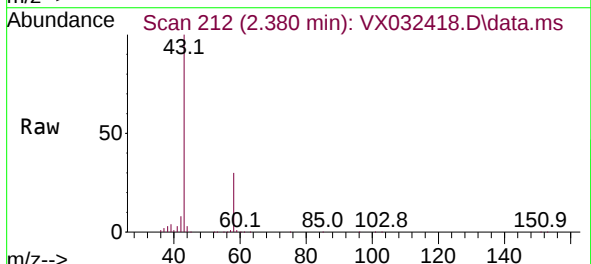
Manual Integrations
APPROVED

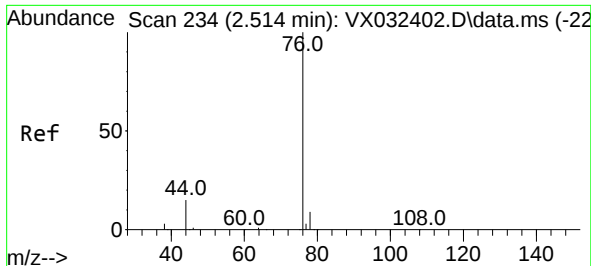
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#16
Acetone
Concen: 252.490 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

Tgt Ion: 43 Resp: 146603
Ion Ratio Lower Upper
43 100
58 30.4 23.8 35.8





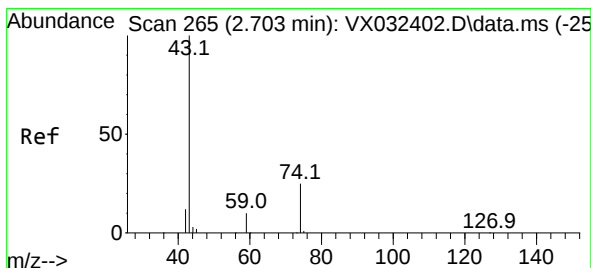
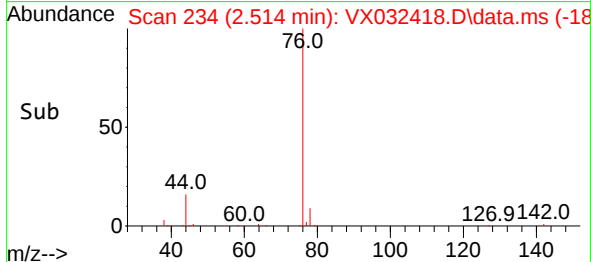
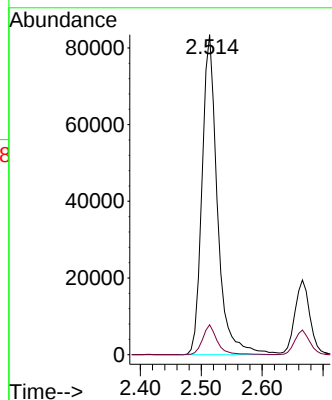
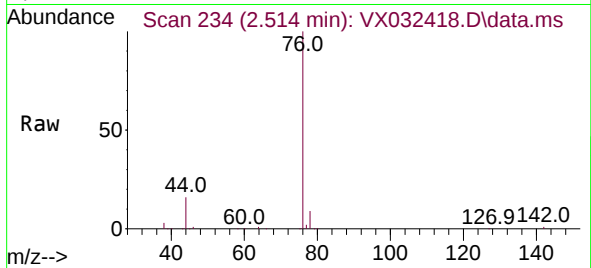
#17
Carbon Disulfide
Concen: 53.449 ug/l
RT: 2.514 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 146790
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

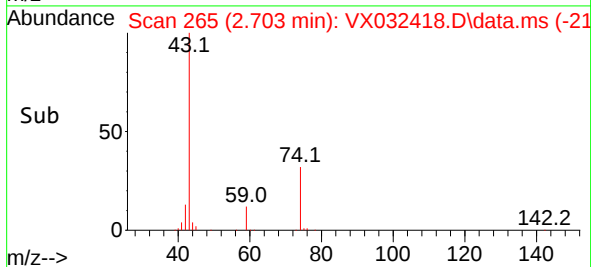
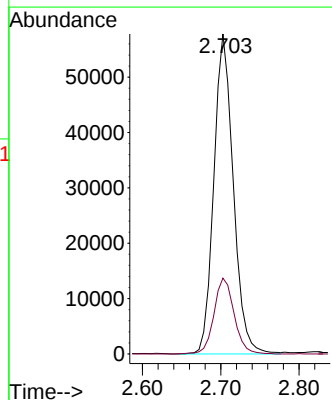
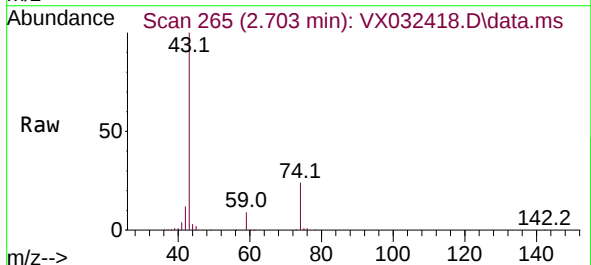
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#18
Methyl Acetate
Concen: 52.856 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

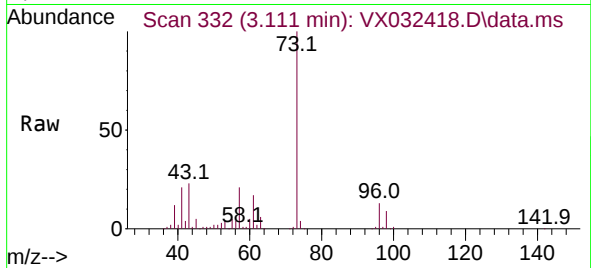
Tgt Ion: 43 Resp: 99799
Ion Ratio Lower Upper
43 100
74 24.5 19.4 29.0





#19
Methyl tert-butyl Ether
Concen: 50.565 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

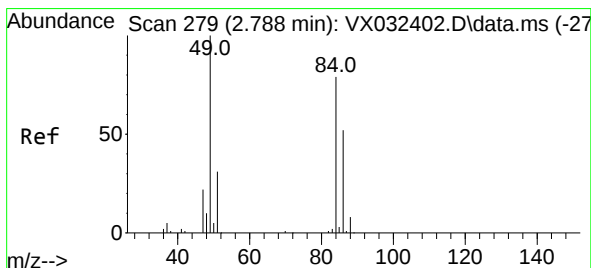
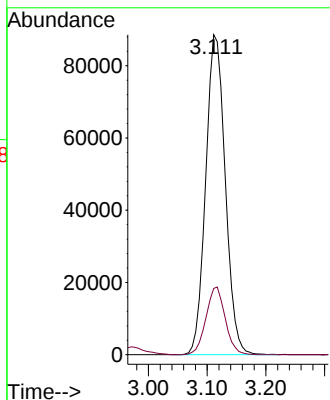
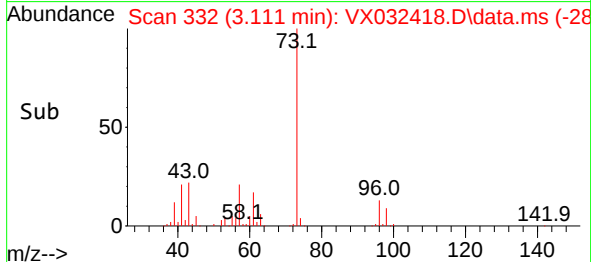
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 204919
Ion Ratio Lower Upper
73 100
57 20.7 16.6 25.0

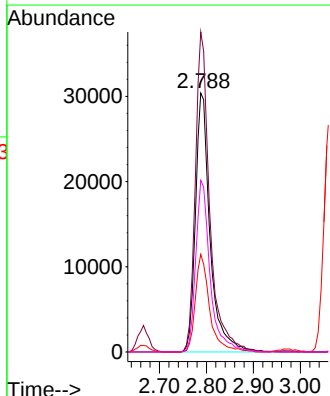
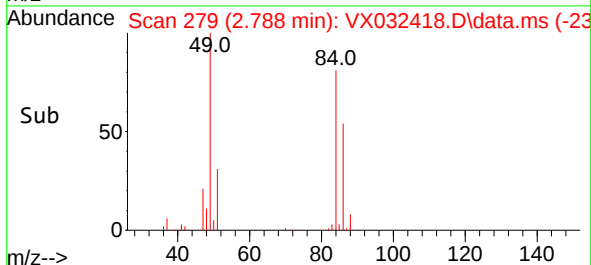
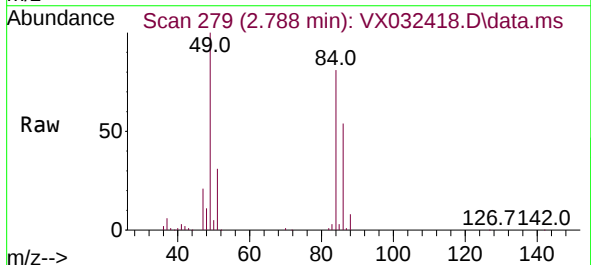
Manual Integrations
APPROVED

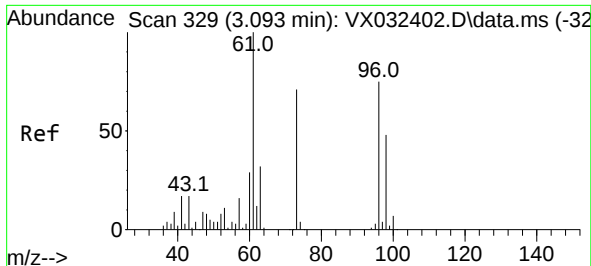
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#20
Methylene Chloride
Concen: 49.480 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

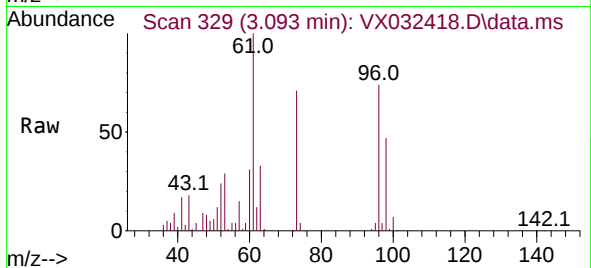
Tgt Ion: 84 Resp: 65872
Ion Ratio Lower Upper
84 100
49 123.6 101.0 151.6
51 37.7 31.1 46.7
86 66.2 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 50.618 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

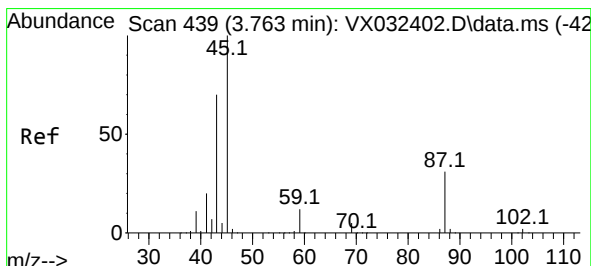
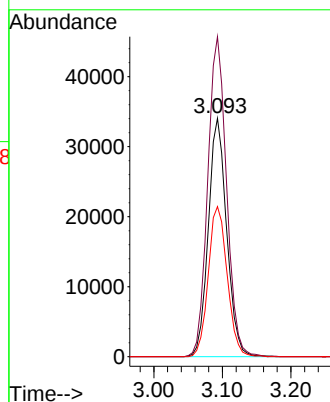
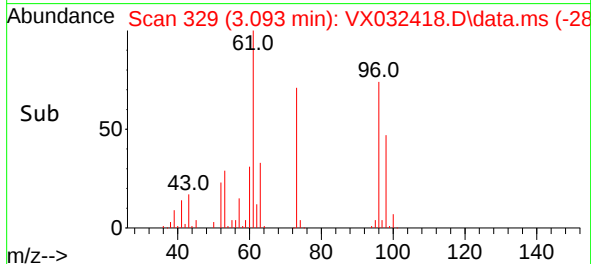
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 63530
Ion Ratio Lower Upper
96 100
61 134.3 106.6 160.0
98 63.0 51.0 76.6

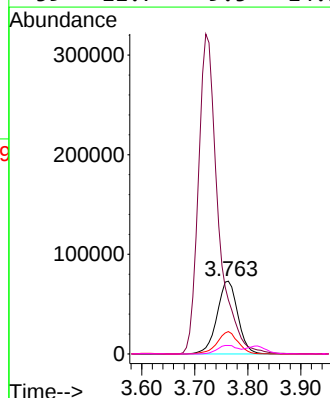
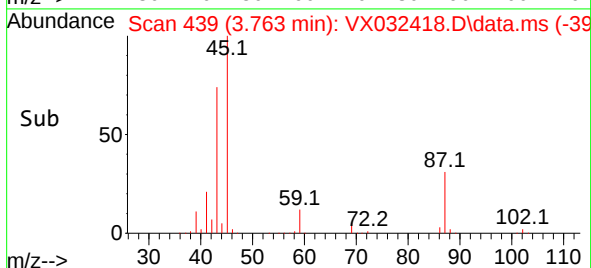
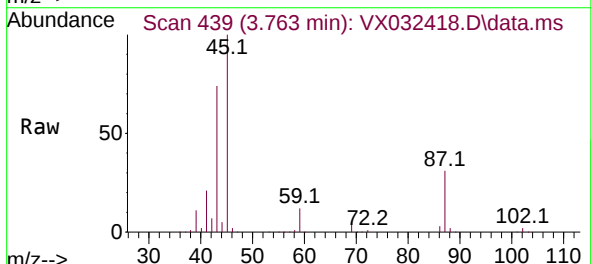
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#22
Diisopropyl ether
Concen: 50.087 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

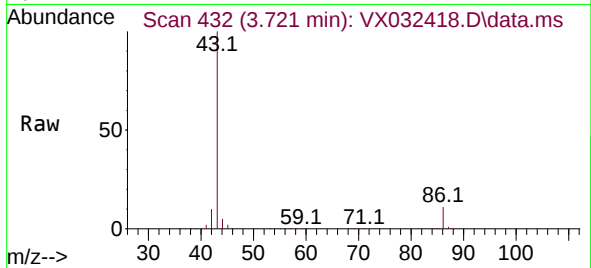
Tgt Ion: 45 Resp: 199129
Ion Ratio Lower Upper
45 100
43 73.9 56.4 84.6
87 30.7 24.4 36.6
59 11.7 9.5 14.3





#23
 Vinyl Acetate
 Concen: 258.316 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX032418.D
 Acq: 26 Oct 2022 20:34

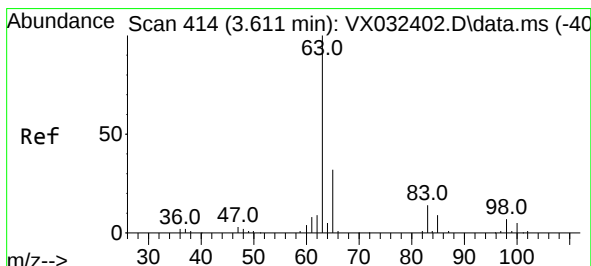
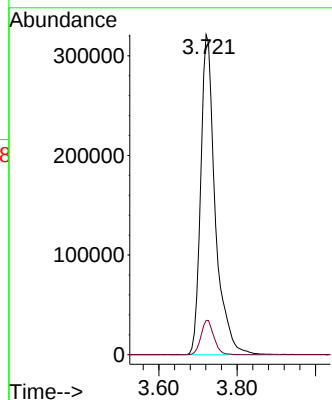
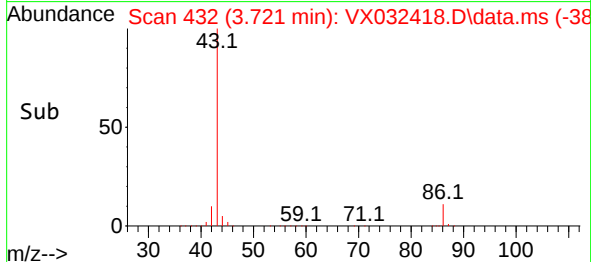
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



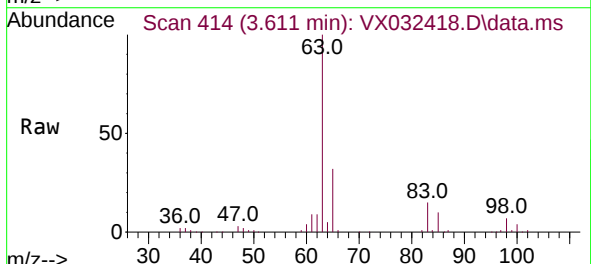
Tgt Ion: 43 Resp: 82971
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 12.8

Manual Integrations
 APPROVED

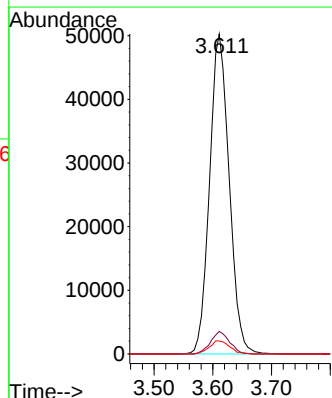
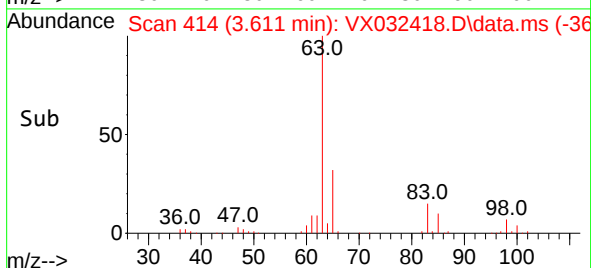
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022

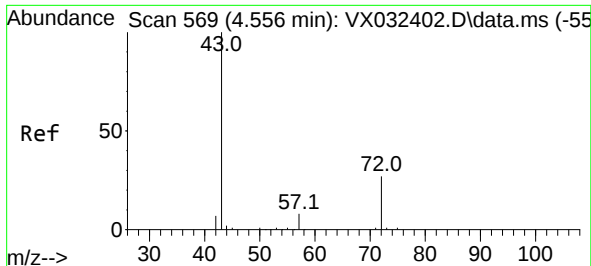


#24
 1,1-Dichloroethane
 Concen: 50.868 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX032418.D
 Acq: 26 Oct 2022 20:34



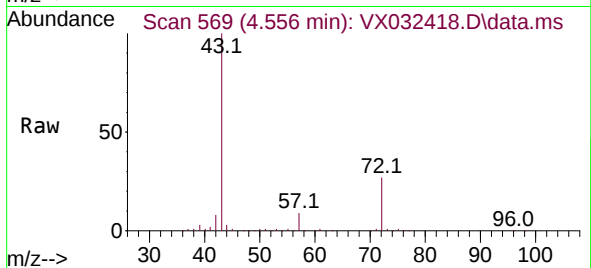
Tgt Ion: 63 Resp: 116323
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 4.0 2.3 6.8





#25
2-Butanone
Concen: 255.434 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

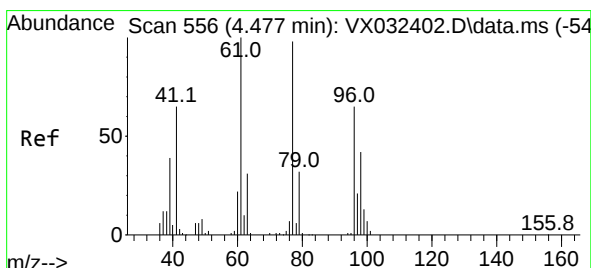
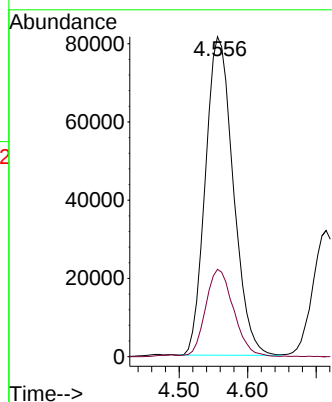
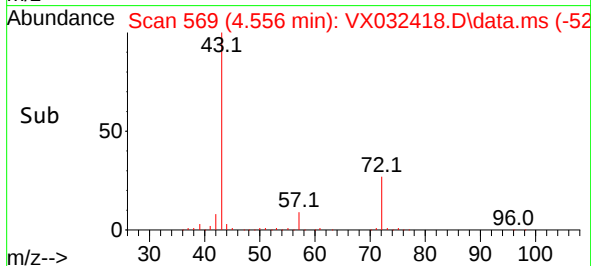
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 229778
Ion Ratio Lower Upper
43 100
72 27.4 22.2 33.2

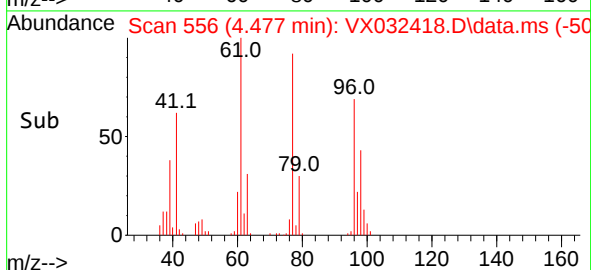
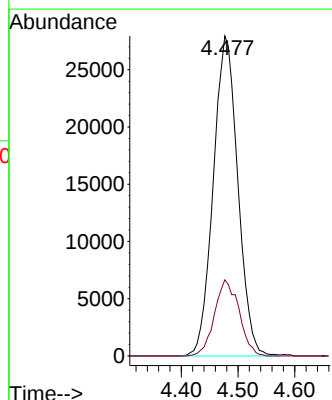
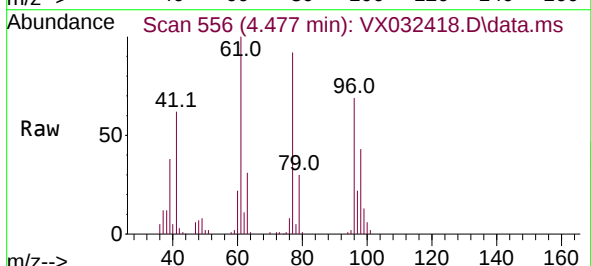
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#26
2,2-Dichloropropane
Concen: 46.195 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

Tgt Ion: 77 Resp: 83974
Ion Ratio Lower Upper
77 100
97 23.8 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 51.912 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX032418.D

Acq: 26 Oct 2022 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 75310

Ion Ratio Lower Upper

96 100

61 140.8 0.0 286.0

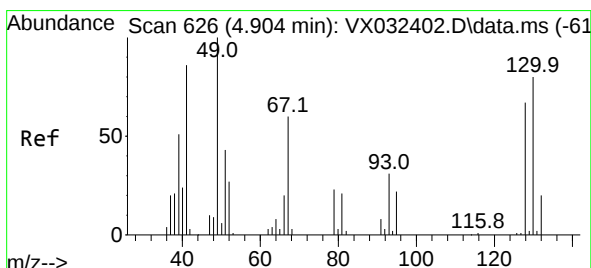
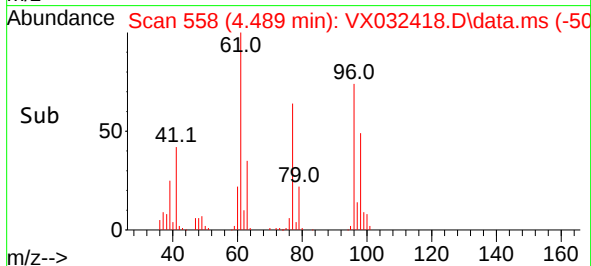
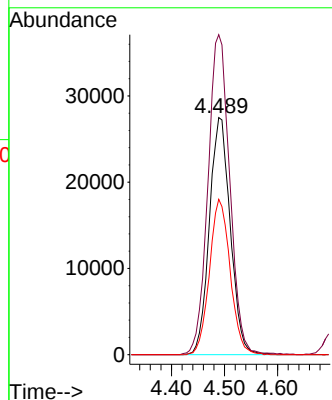
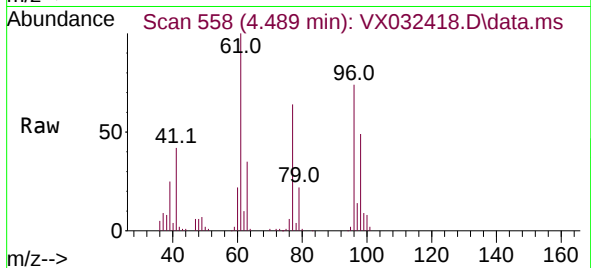
98 64.9 0.0 129.6

Manual Integrations

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Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#28

Bromochloromethane

Concen: 49.802 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX032418.D

Acq: 26 Oct 2022 20:34

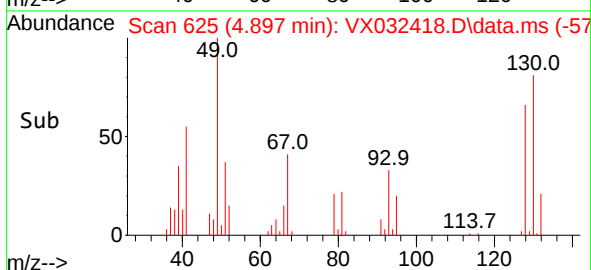
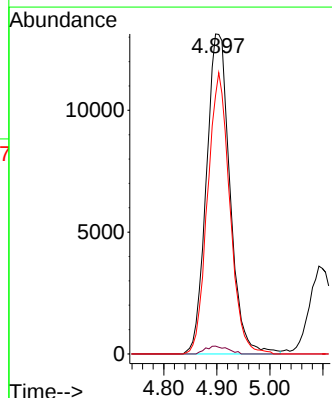
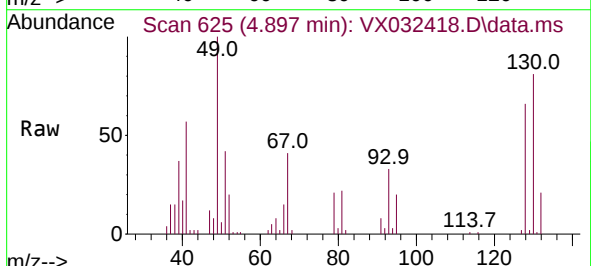
Tgt Ion: 49 Resp: 40566

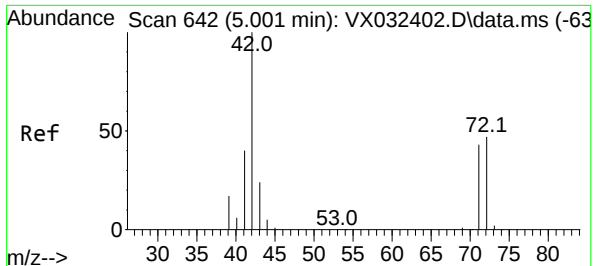
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 82.7 67.5 101.3





#29

Tetrahydrofuran

Concen: 262.322 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX032418.D

Acq: 26 Oct 2022 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 150472

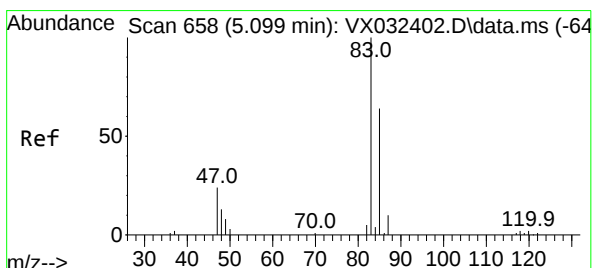
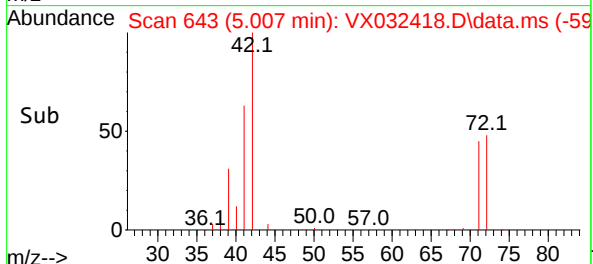
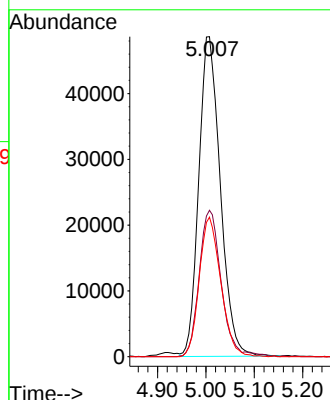
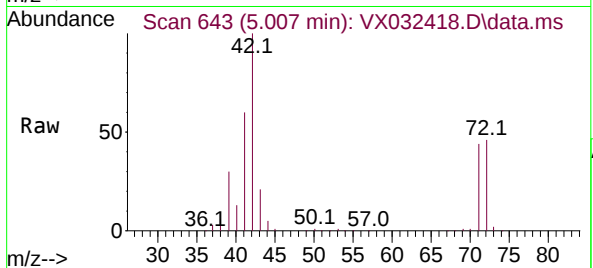
Ion	Ratio	Lower	Upper
42	100		
72	46.8	37.6	56.4
71	43.5	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#30

Chloroform

Concen: 50.742 ug/l

RT: 5.099 min Scan# 658

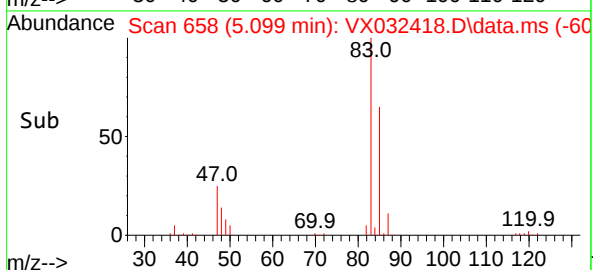
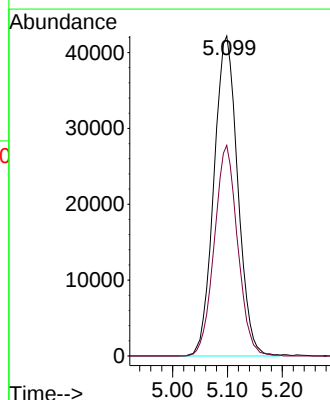
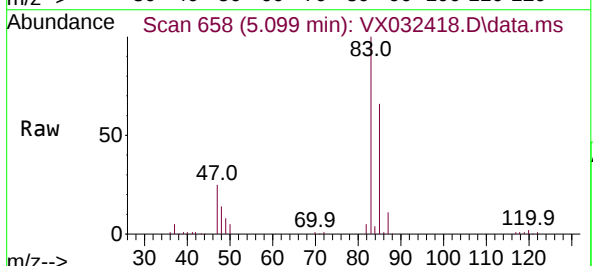
Delta R.T. -0.000 min

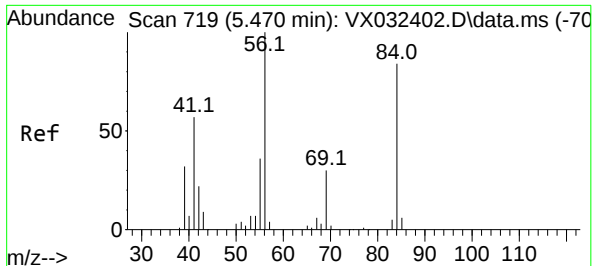
Lab File: VX032418.D

Acq: 26 Oct 2022 20:34

Tgt Ion: 83 Resp: 127324

Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.1	76.7





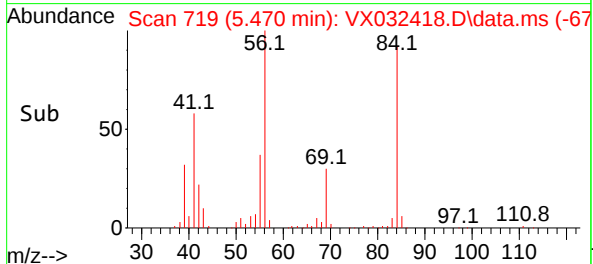
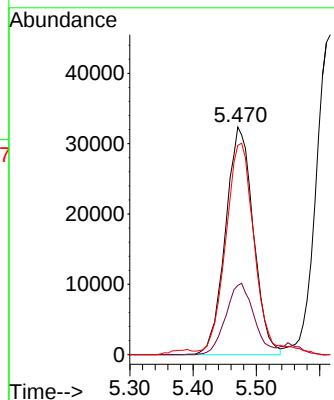
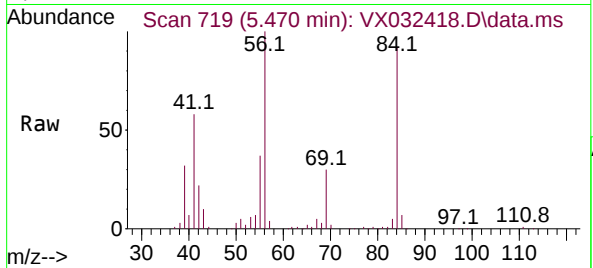
#31
Cyclohexane
Concen: 51.124 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 99020
Ion Ratio Lower Upper
56 100
69 30.4 24.1 36.1
84 90.0 66.9 100.3

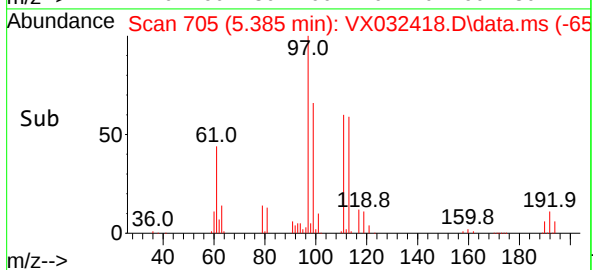
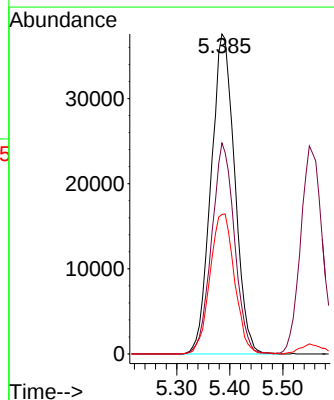
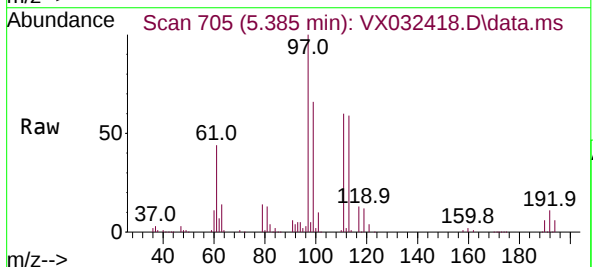
Manual Integrations
APPROVED

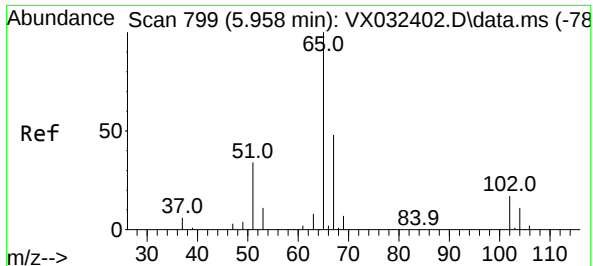
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#32
1,1,1-Trichloroethane
Concen: 51.727 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

Tgt Ion: 97 Resp: 116476
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.0
61 45.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.489 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032418.D

Acq: 26 Oct 2022 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 80658

Ion Ratio Lower Upper

65 100

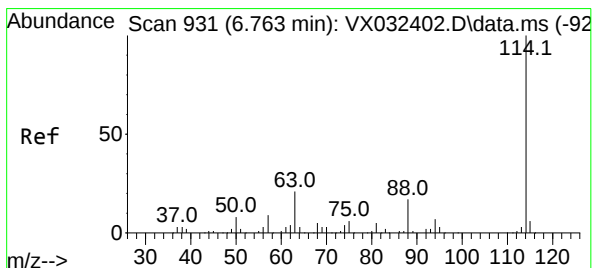
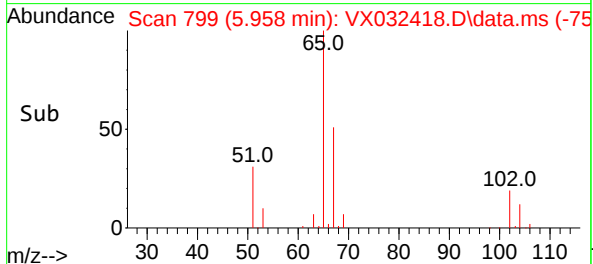
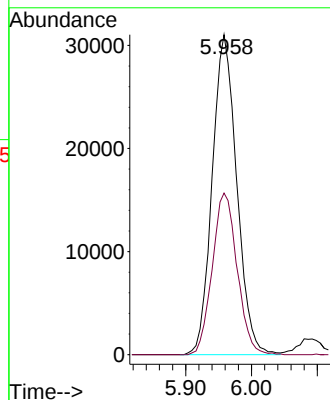
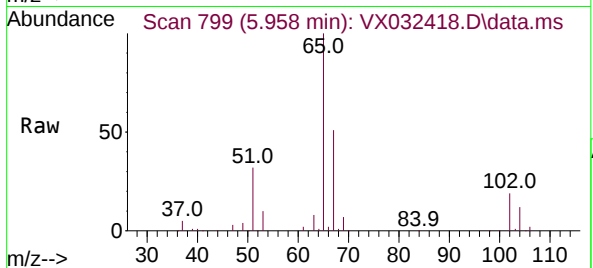
67 51.1 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032418.D

Acq: 26 Oct 2022 20:34

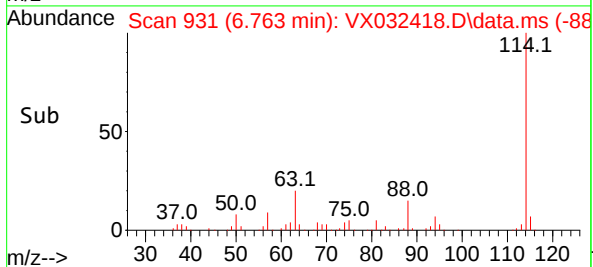
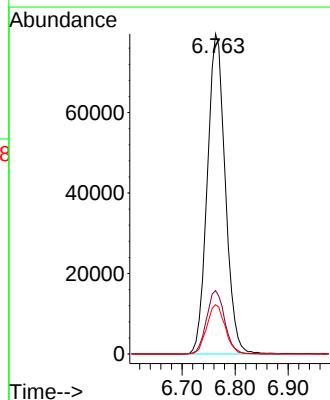
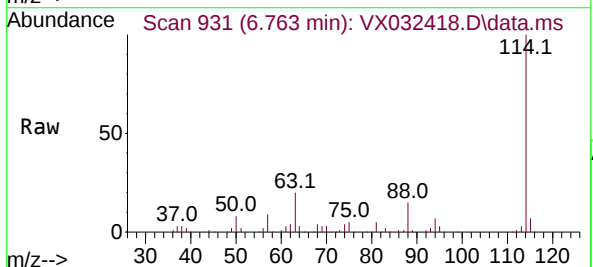
Tgt Ion:114 Resp: 187033

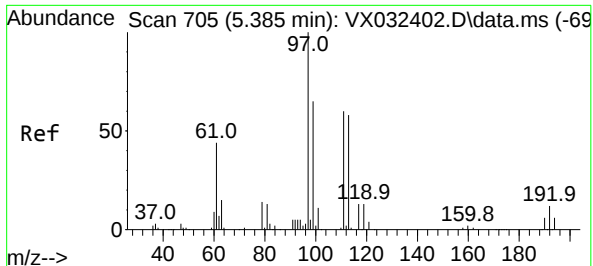
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.6

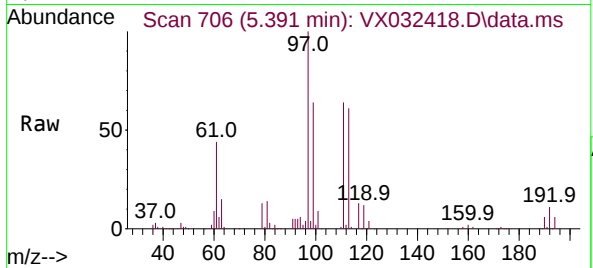
88 15.4 0.0 33.4





#35
Dibromofluoromethane
Concen: 48.684 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

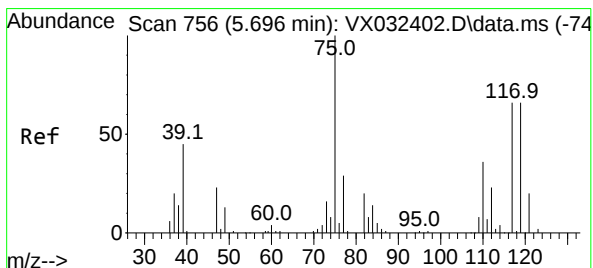
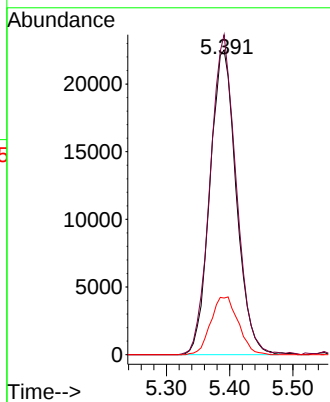
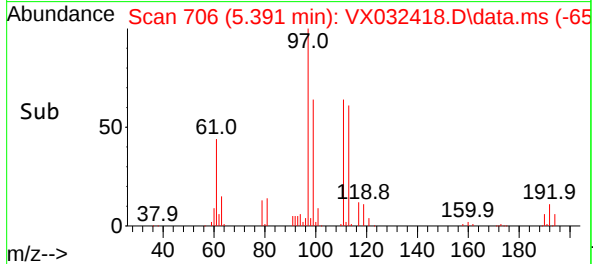
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 64950
Ion Ratio Lower Upper
113 100
111 104.1 82.4 123.6
192 19.8 15.4 23.2

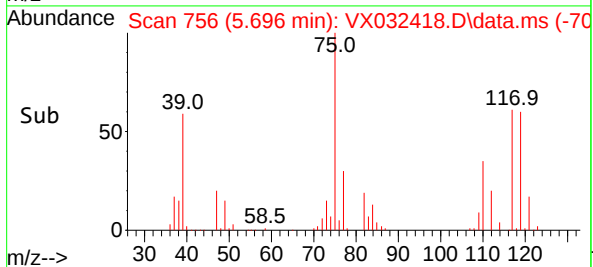
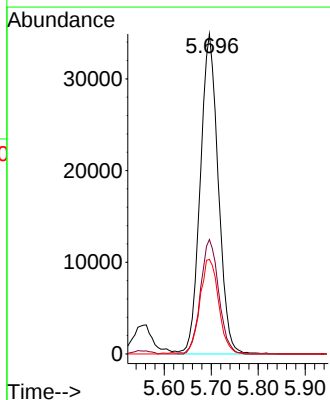
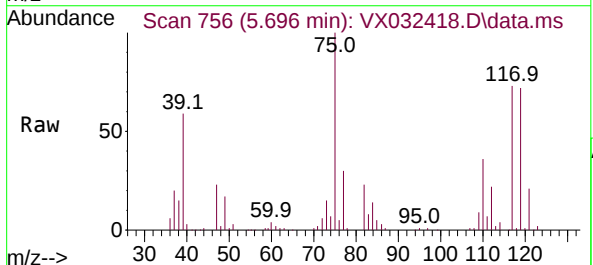
Manual Integrations
APPROVED

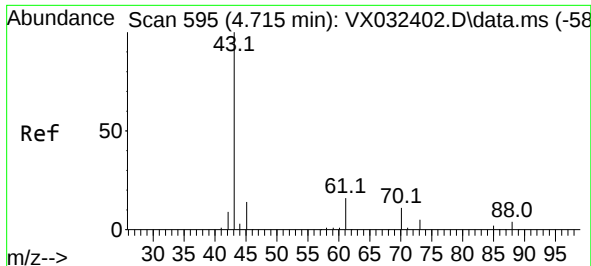
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#36
1,1-Dichloropropene
Concen: 49.798 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

Tgt Ion: 75 Resp: 92516
Ion Ratio Lower Upper
75 100
110 36.2 18.4 55.2
77 30.7 24.5 36.7





#37

Ethyl Acetate

Concen: 48.905 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX032418.D

Acq: 26 Oct 2022 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 94574

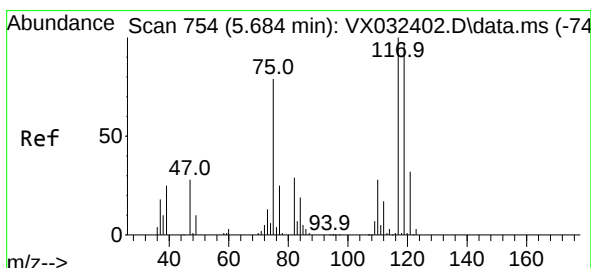
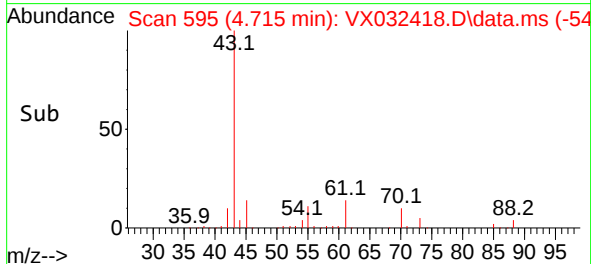
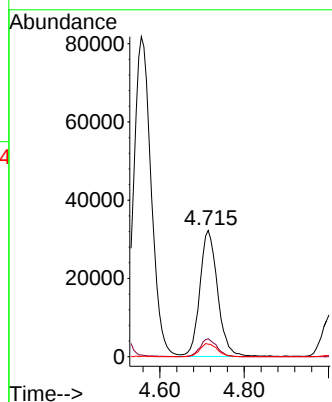
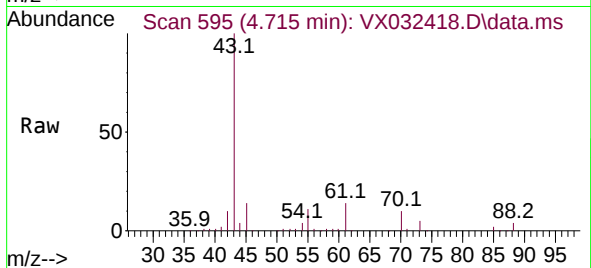
Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.5	17.3
70	10.3	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#38

Carbon Tetrachloride

Concen: 50.112 ug/l

RT: 5.684 min Scan# 754

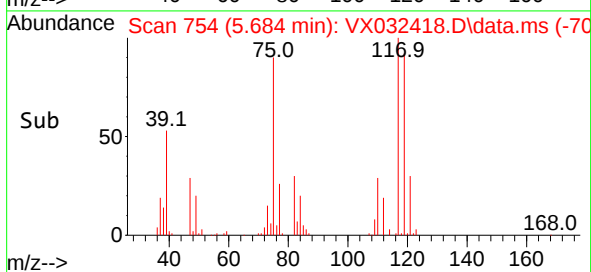
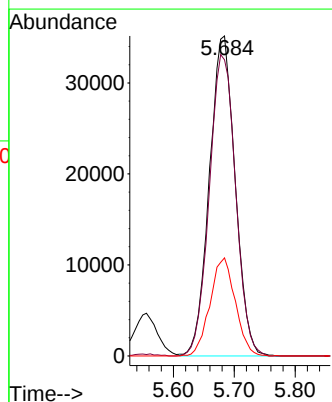
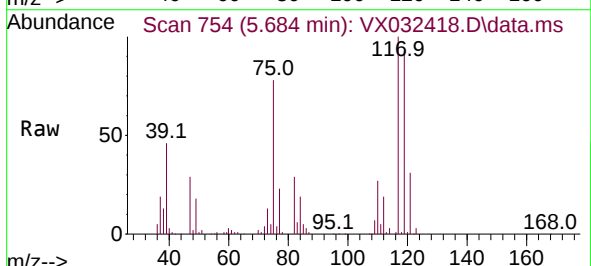
Delta R.T. -0.000 min

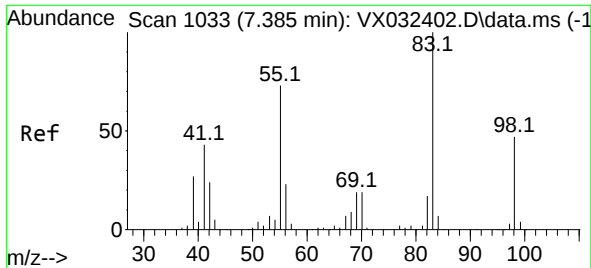
Lab File: VX032418.D

Acq: 26 Oct 2022 20:34

Tgt Ion:117 Resp: 103260

Ion	Ratio	Lower	Upper
117	100		
119	92.5	77.2	115.8
121	30.6	25.8	38.6





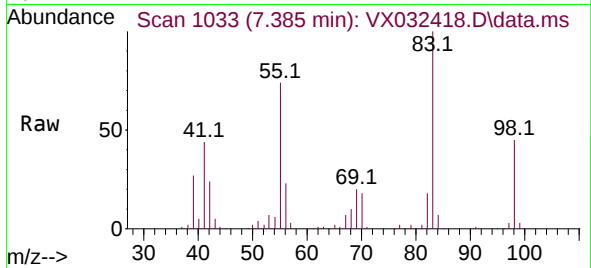
#39
Methylcyclohexane
Concen: 50.539 ug/l
RT: 7.385 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



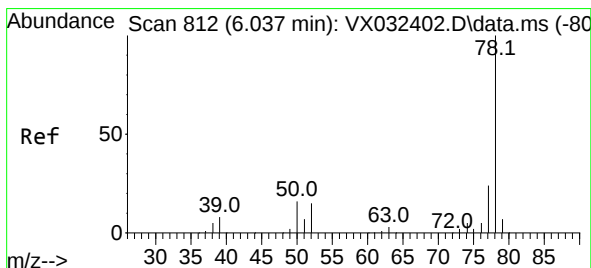
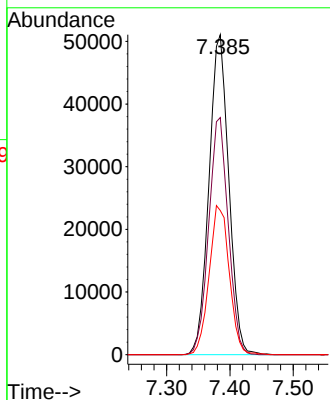
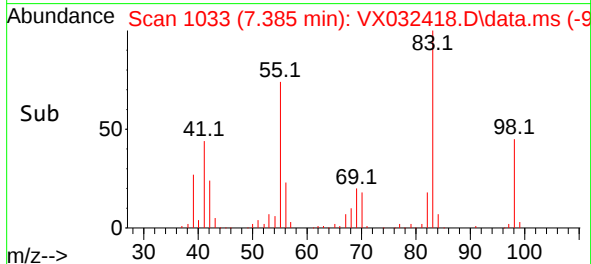
Tgt Ion: 83 Resp: 11109
Ion Ratio Lower Upper
83 100
55 74.1 58.4 87.6
98 45.1 37.2 55.8

Manual Integrations

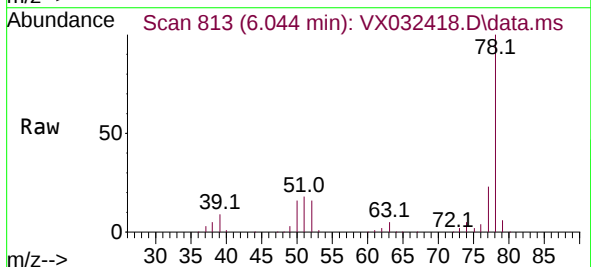
APPROVED

Reviewed By :John Carlone 10/27/2022

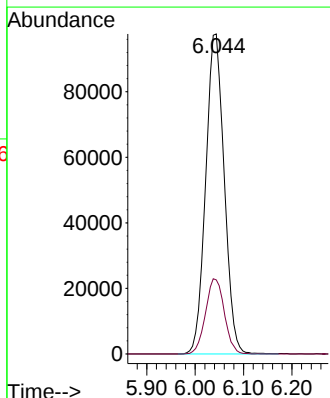
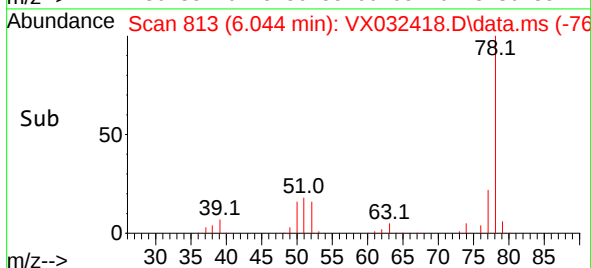
Supervised By :Mahesh Dadoda 10/31/2022

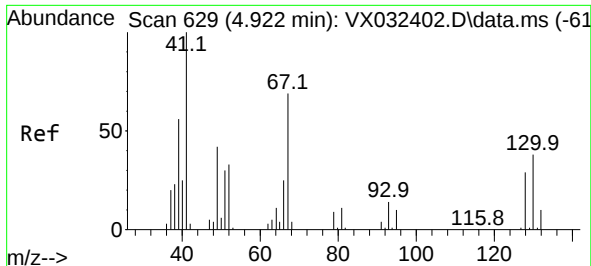


#40
Benzene
Concen: 49.403 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34



Tgt Ion: 78 Resp: 259730
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4





#41
Methacrylonitrile
Concen: 52.979 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

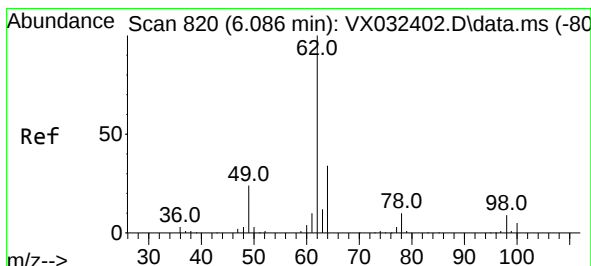
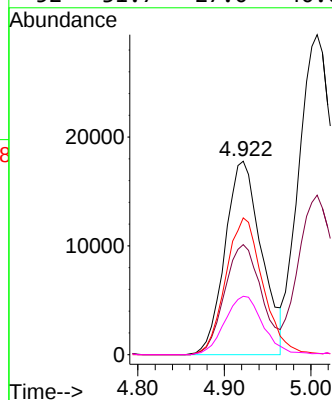
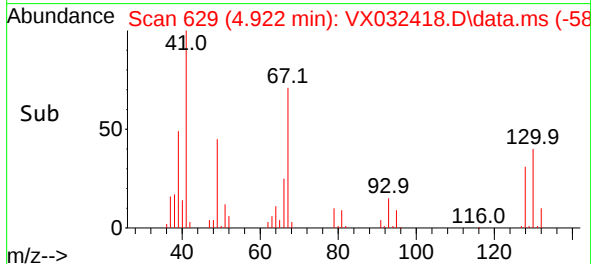
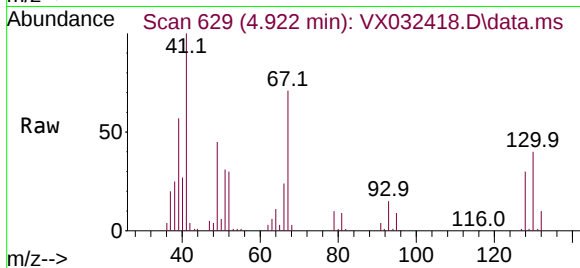
Tgt Ion: 41 Resp: 5219
Ion Ratio Lower Upper
41 100
39 58.0 47.5 71.3
67 72.1 60.5 90.7
52 31.7 27.0 40.6

Manual Integrations

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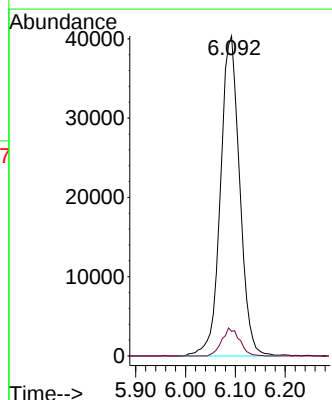
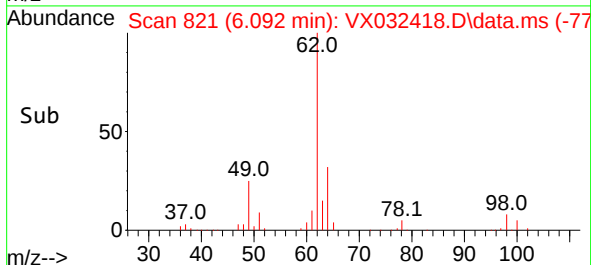
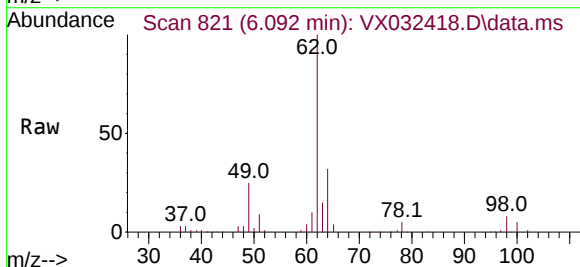
Reviewed By :John Carlone 10/27/2022

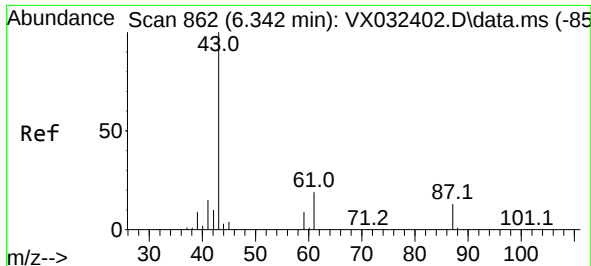
Supervised By :Mahesh Dadoda 10/31/2022



#42
1,2-Dichloroethane
Concen: 50.301 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

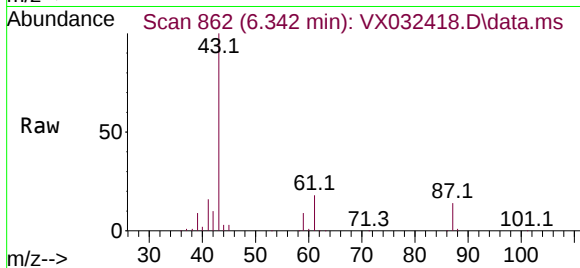
Tgt Ion: 62 Resp: 108102
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.0





#43
Isopropyl Acetate
Concen: 50.251 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

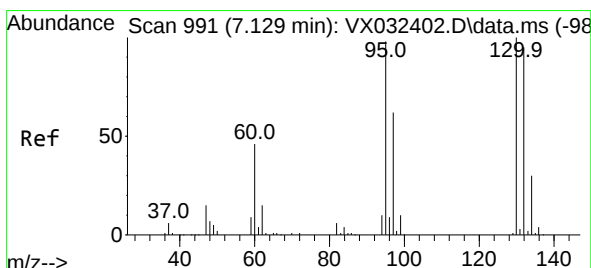
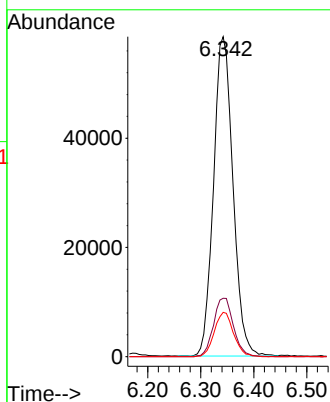
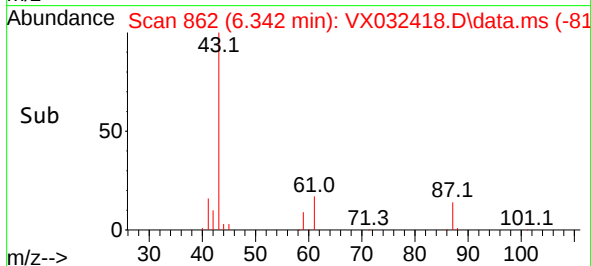
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



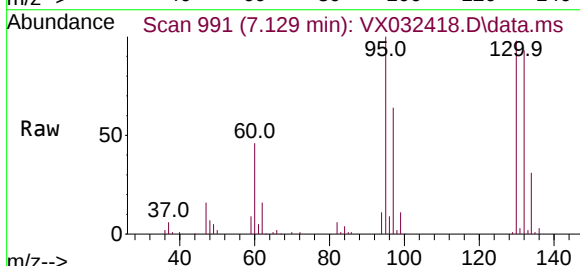
Tgt Ion: 43 Resp: 14920
Ion Ratio Lower Upper
43 100
61 18.8 15.4 23.0
87 13.8 10.8 16.2

Manual Integrations
APPROVED

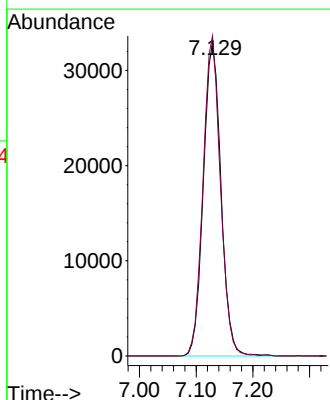
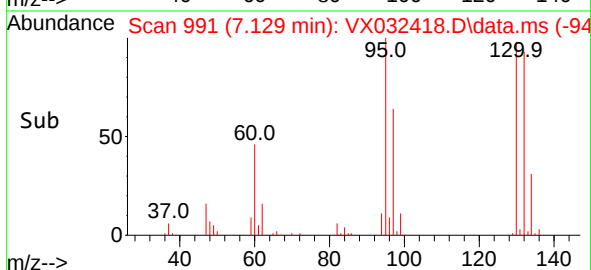
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

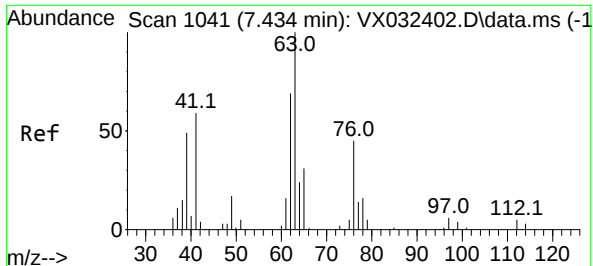


#44
Trichloroethene
Concen: 48.036 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34



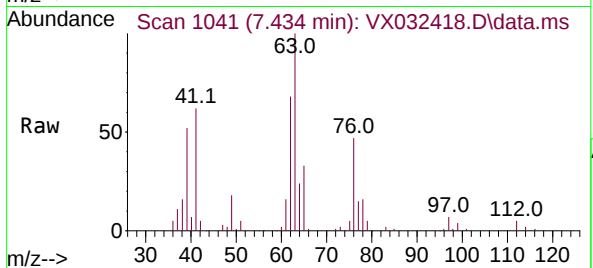
Tgt Ion:130 Resp: 71092
Ion Ratio Lower Upper
130 100
95 102.3 0.0 195.2





#45
1,2-Dichloropropane
Concen: 49.337 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

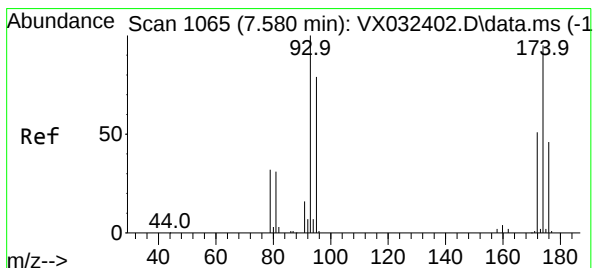
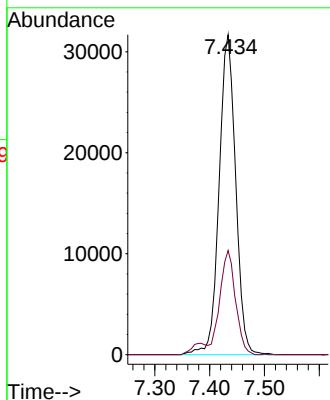
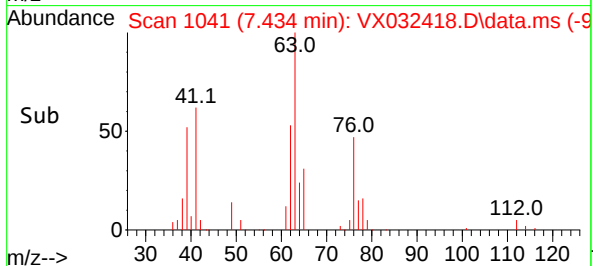
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



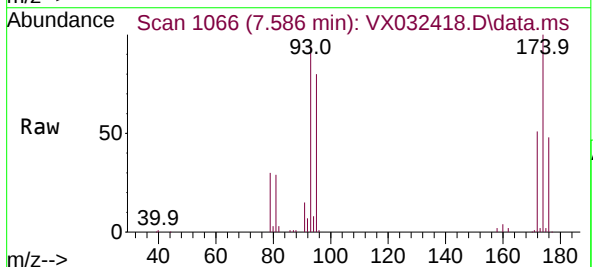
Tgt Ion: 63 Resp: 6658
Ion Ratio Lower Upper
63 100
65 32.5 24.6 36.8

Manual Integrations
APPROVED

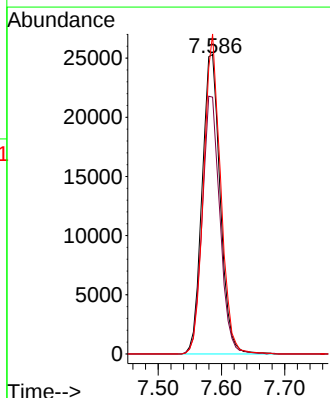
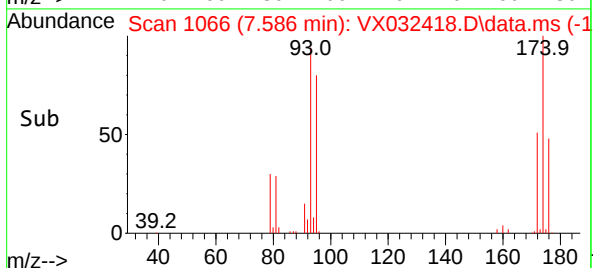
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

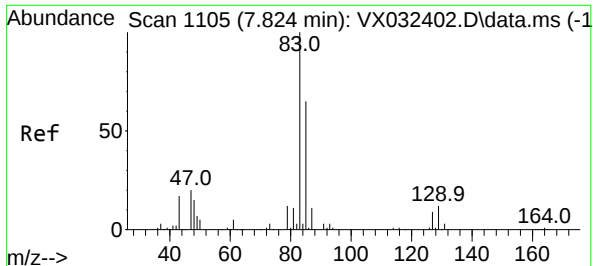


#46
Dibromomethane
Concen: 48.707 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34



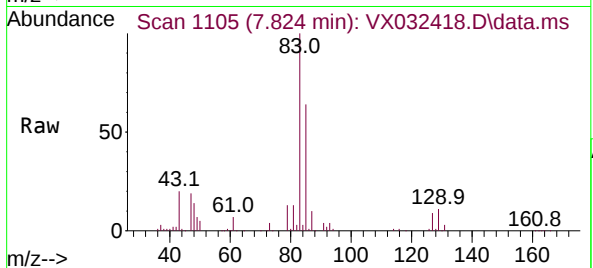
Tgt Ion: 93 Resp: 50412
Ion Ratio Lower Upper
93 100
95 83.9 65.8 98.8
174 100.0 79.8 119.6





#47
Bromodichloromethane
Concen: 50.422 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

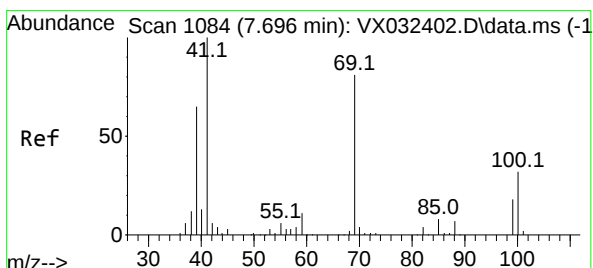
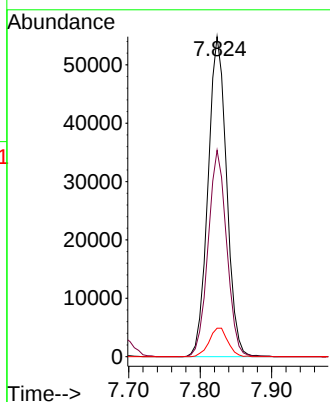
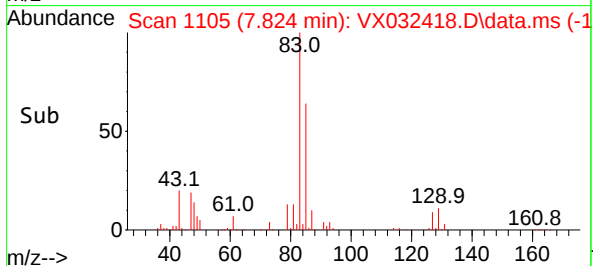
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 98908
Ion Ratio Lower Upper
83 100
85 64.5 52.2 78.4
127 8.9 7.4 11.2

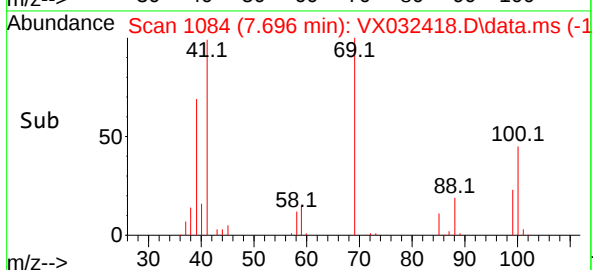
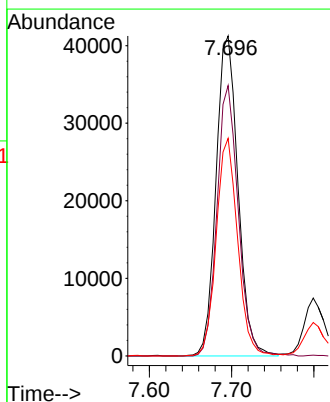
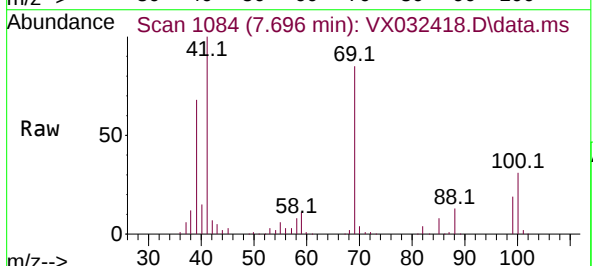
Manual Integrations
APPROVED

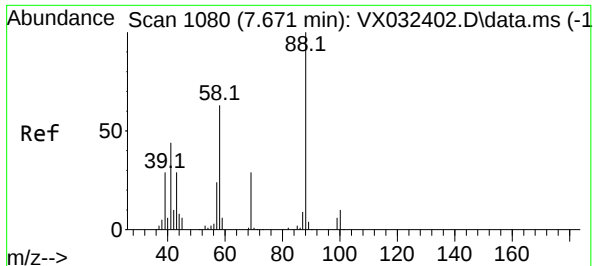
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#48
Methyl methacrylate
Concen: 49.935 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

Tgt Ion: 41 Resp: 76575
Ion Ratio Lower Upper
41 100
69 82.2 65.1 97.7
39 66.4 51.9 77.9





#49

1,4-Dioxane

Concen: 1102.090 ug/l

RT: 7.677 min Scan# 1080

Delta R.T. 0.006 min

Lab File: VX032418.D

Acq: 26 Oct 2022 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 32208

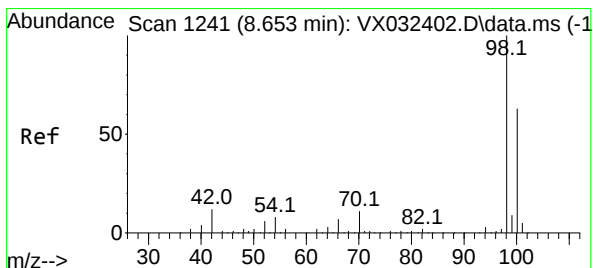
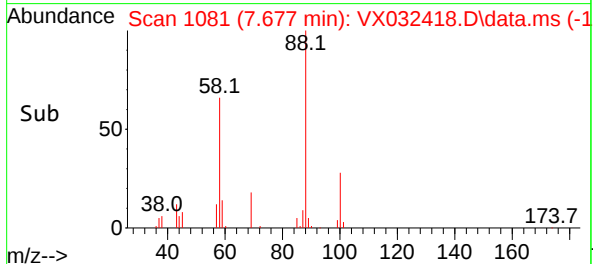
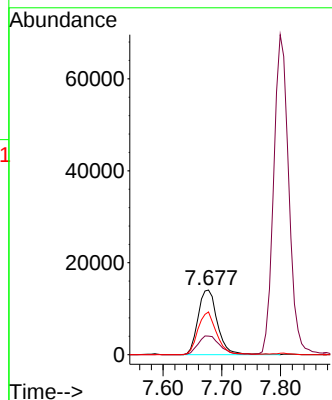
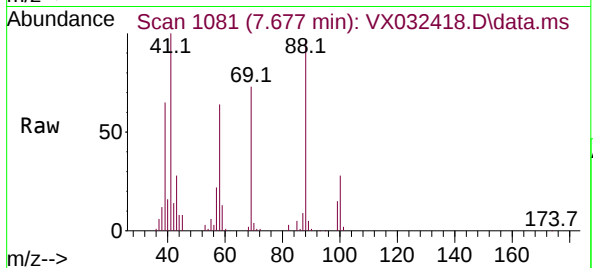
Ion	Ratio	Lower	Upper
88	100		
43	32.8	26.6	39.8
58	63.5	51.7	77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#50

Toluene-d8

Concen: 49.615 ug/l

RT: 8.653 min Scan# 1241

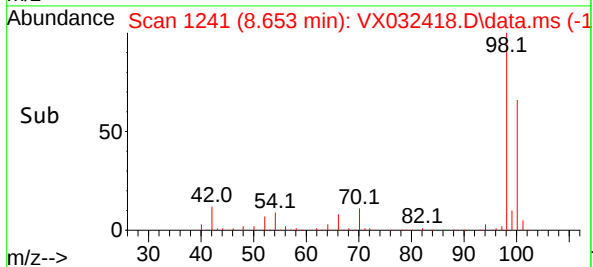
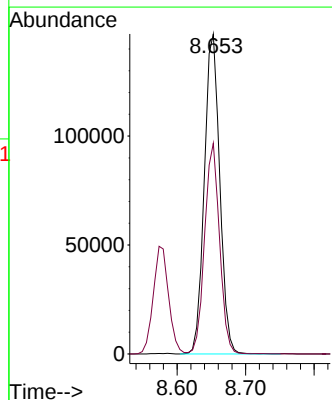
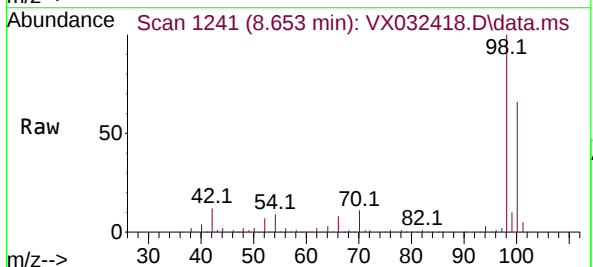
Delta R.T. -0.000 min

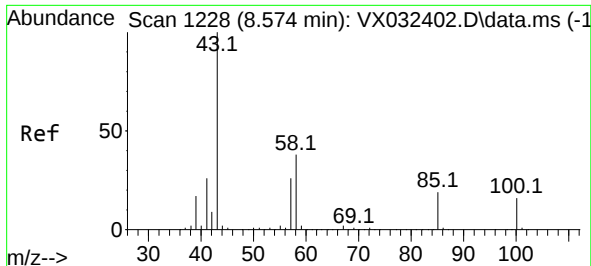
Lab File: VX032418.D

Acq: 26 Oct 2022 20:34

Tgt Ion: 98 Resp: 230166

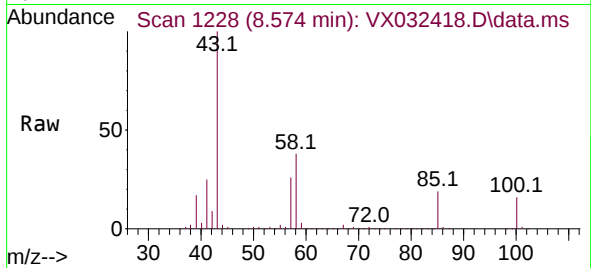
Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.9	76.3





#51
4-Methyl-2-Pentanone
Concen: 255.312 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

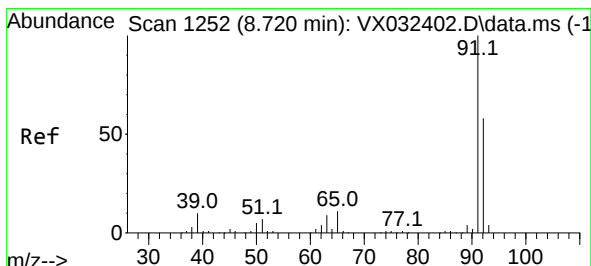
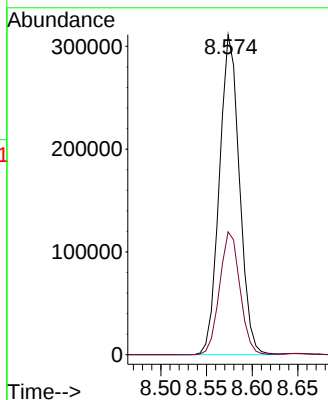
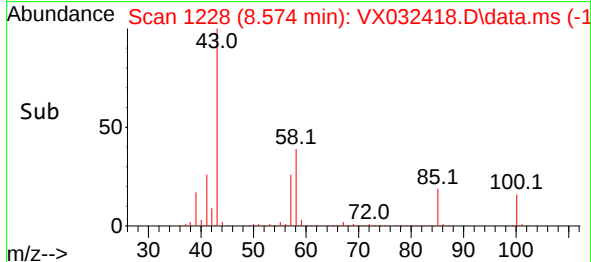
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



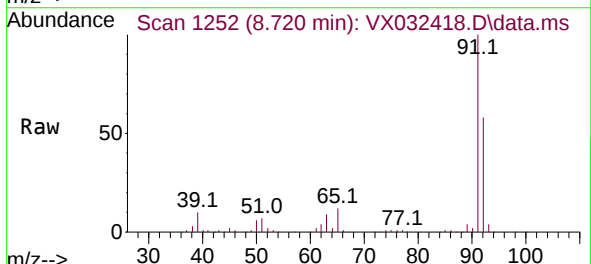
Tgt Ion: 43 Resp: 477494
Ion Ratio Lower Upper
43 100
58 38.8 30.9 46.3

Manual Integrations
APPROVED

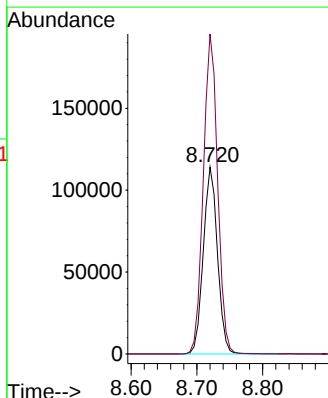
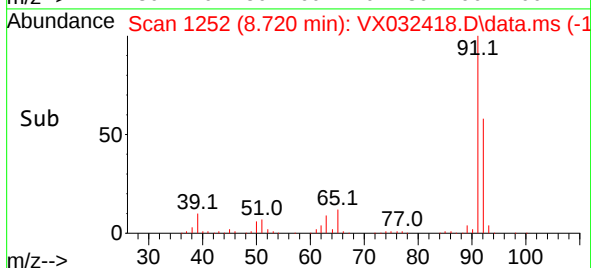
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

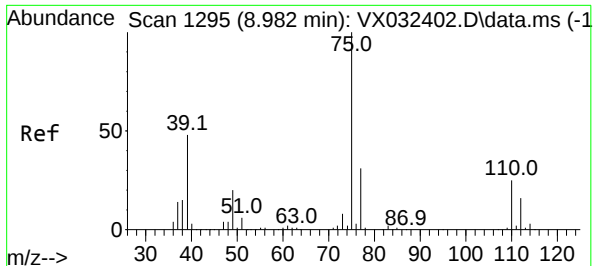


#52
Toluene
Concen: 49.851 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34



Tgt Ion: 92 Resp: 170991
Ion Ratio Lower Upper
92 100
91 173.0 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 50.872 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. -0.000 min

Lab File: VX032418.D

Acq: 26 Oct 2022 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 10181

Ion Ratio Lower Upper

75 100

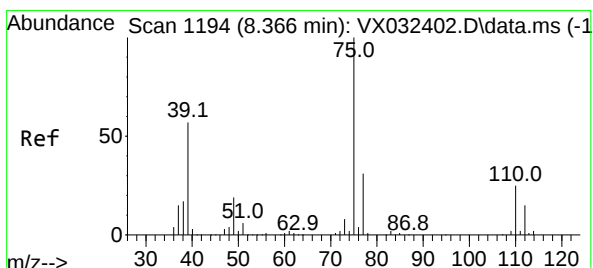
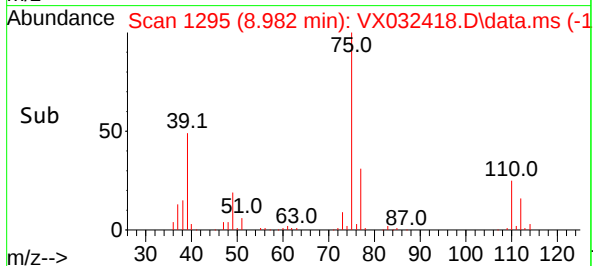
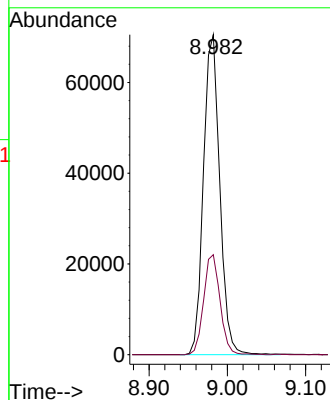
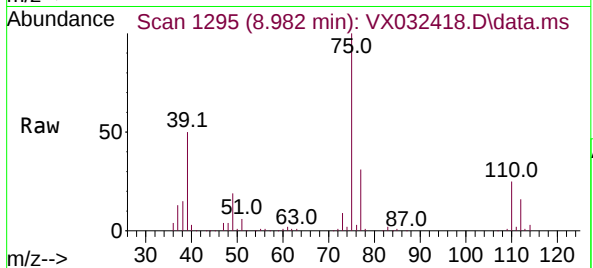
77 31.2 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#54

cis-1,3-Dichloropropene

Concen: 50.173 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX032418.D

Acq: 26 Oct 2022 20:34

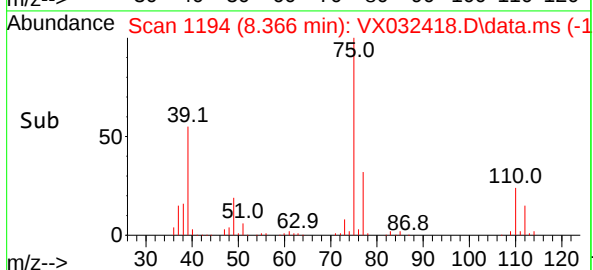
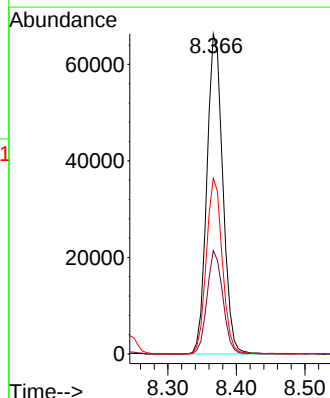
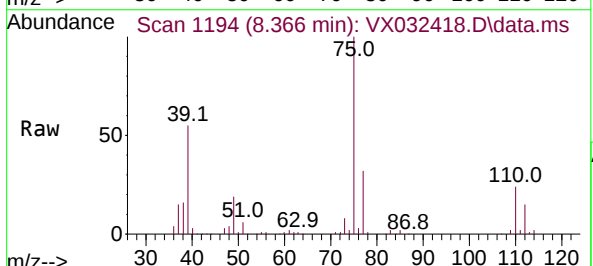
Tgt Ion: 75 Resp: 107404

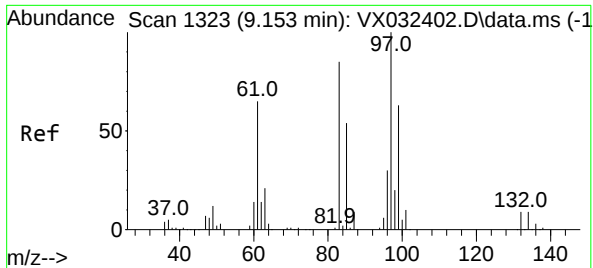
Ion Ratio Lower Upper

75 100

77 32.3 25.1 37.7

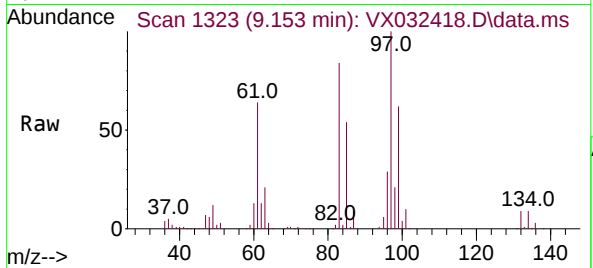
39 54.9 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 48.794 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

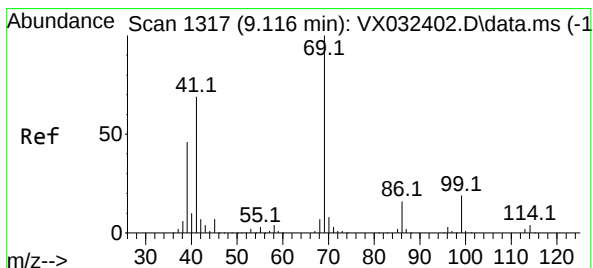
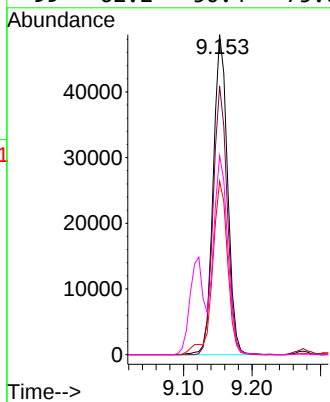
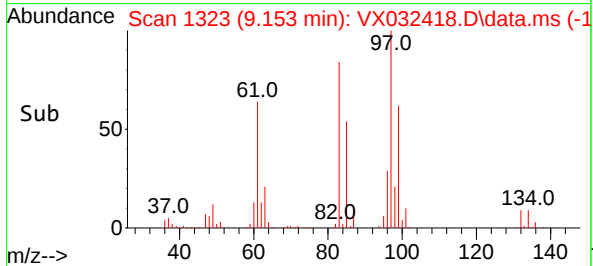


Tgt Ion: 97 Resp: 70485

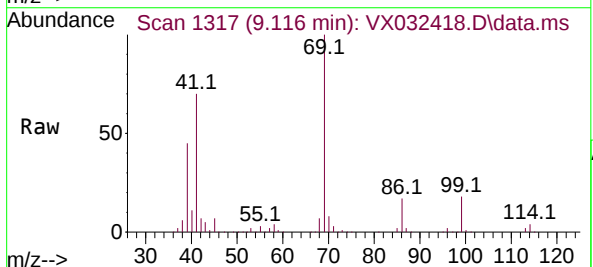
Ion	Ratio	Lower	Upper
97	100		
83	84.0	68.1	102.1
85	54.2	43.3	64.9
99	62.2	50.4	75.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

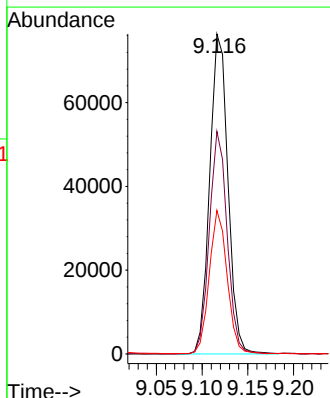
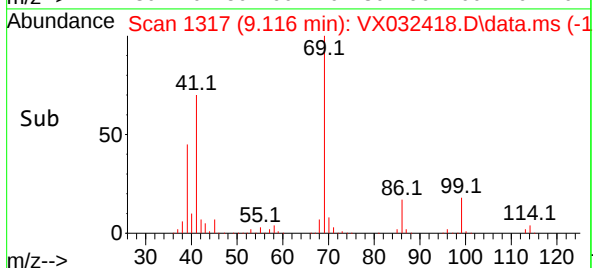


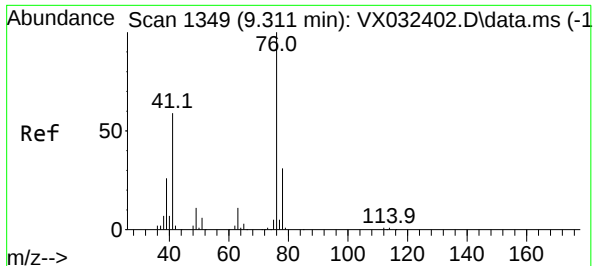
#56
Ethyl methacrylate
Concen: 50.986 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34



Tgt Ion: 69 Resp: 105989

Ion	Ratio	Lower	Upper
69	100		
41	68.2	54.3	81.5
39	43.7	35.2	52.8





#57

1,3-Dichloropropane

Concen: 49.692 ug/l

RT: 9.311 min Scan# 115919

Delta R.T. -0.000 min

Lab File: VX032418.D

Acq: 26 Oct 2022 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 115919

Ion Ratio Lower Upper

76 100

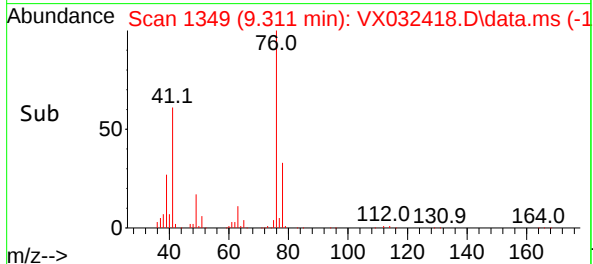
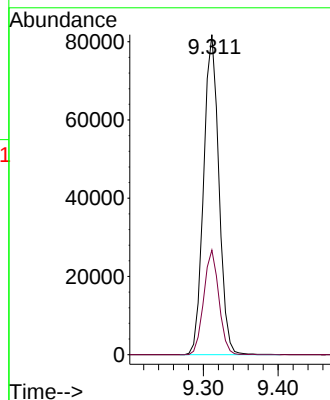
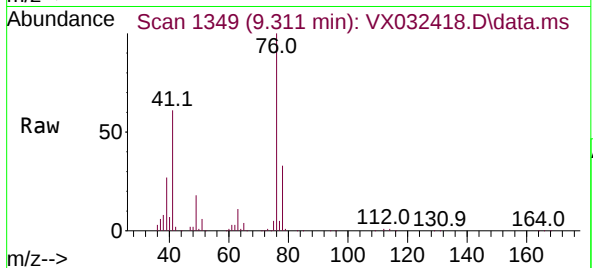
78 32.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#58

2-Chloroethyl Vinyl ether

Concen: 257.505 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX032418.D

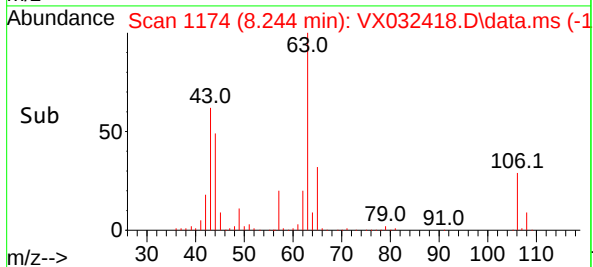
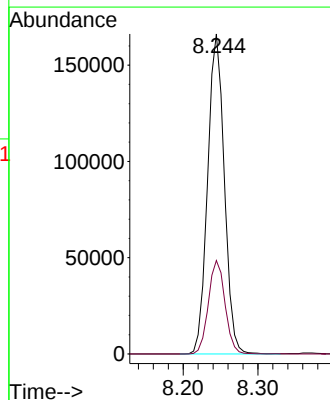
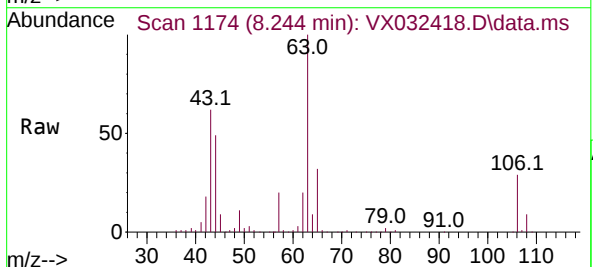
Acq: 26 Oct 2022 20:34

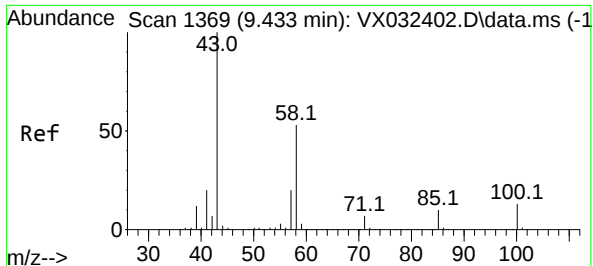
Tgt Ion: 63 Resp: 257752

Ion Ratio Lower Upper

63 100

106 29.1 23.3 34.9





#59

2-Hexanone

Concen: 260.817 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX032418.D

Acq: 26 Oct 2022 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 361940

Ion Ratio Lower Upper

43 100

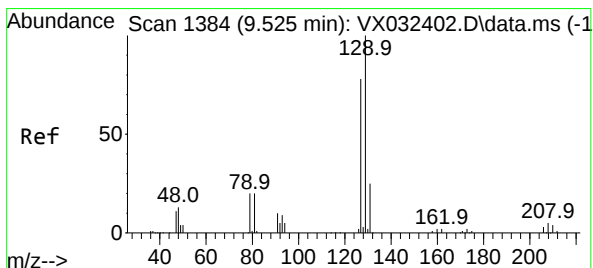
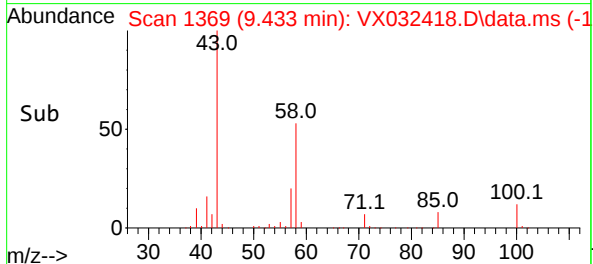
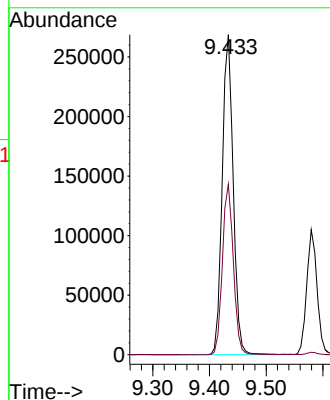
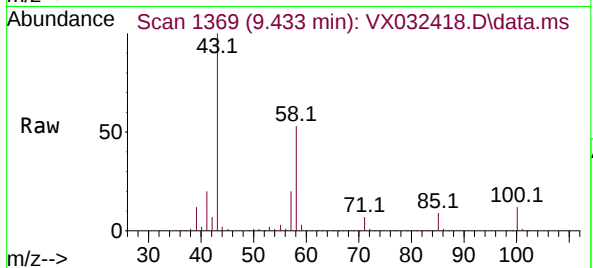
58 53.1 26.5 79.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#60

Dibromochloromethane

Concen: 50.069 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX032418.D

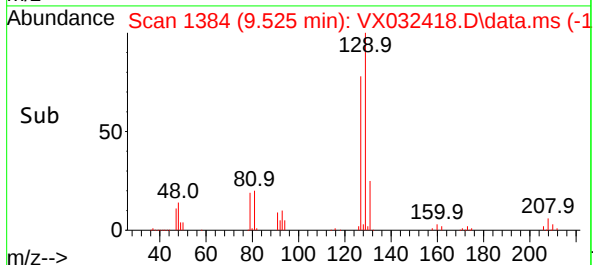
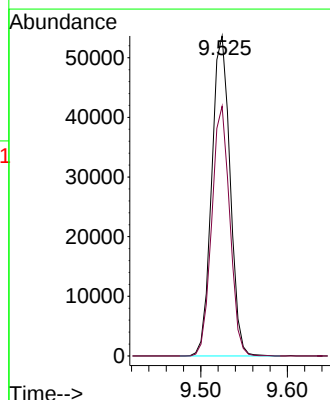
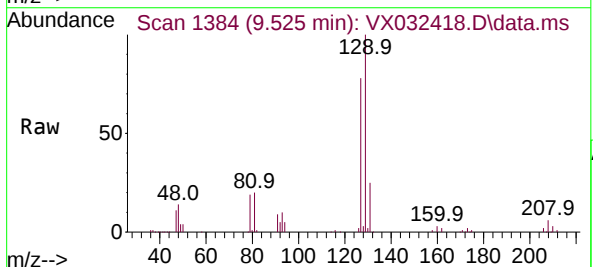
Acq: 26 Oct 2022 20:34

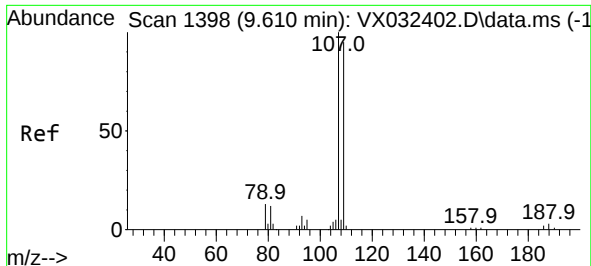
Tgt Ion:129 Resp: 78999

Ion Ratio Lower Upper

129 100

127 76.4 38.6 115.8





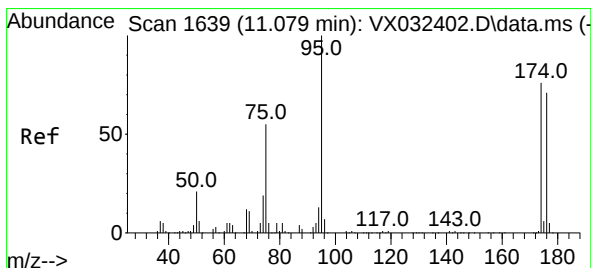
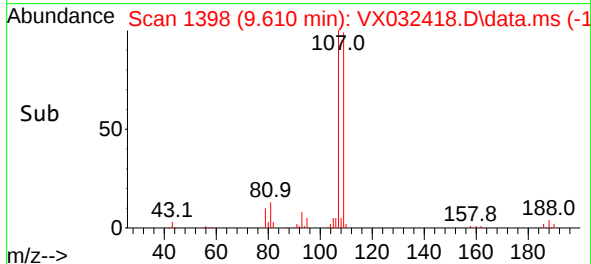
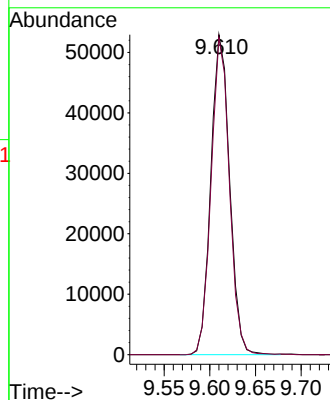
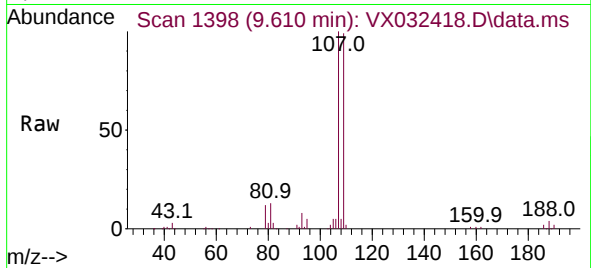
#61
1,2-Dibromoethane
Concen: 49.296 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 7545
Ion Ratio Lower Upper
107 100
109 96.4 76.0 114.0

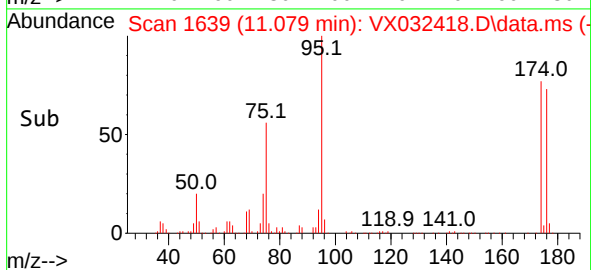
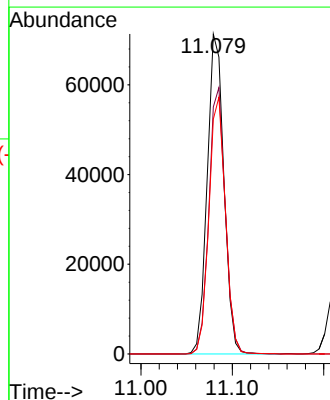
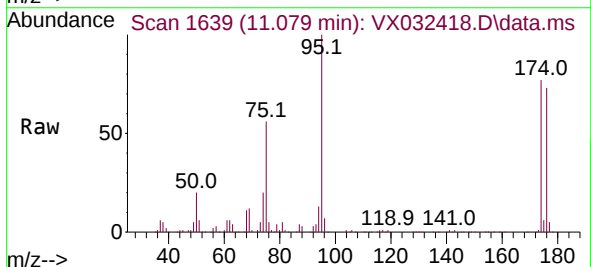
Manual Integrations
APPROVED

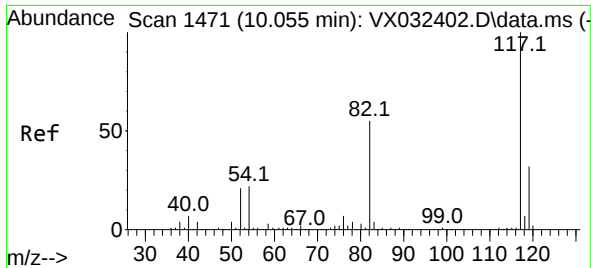
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#62
4-Bromofluorobenzene
Concen: 49.800 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

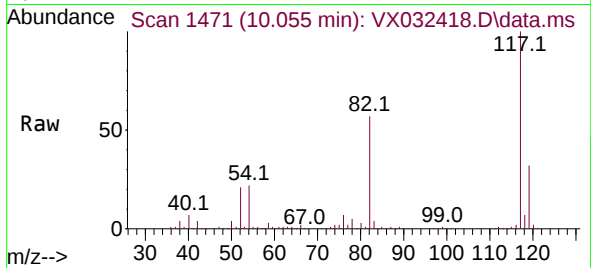
Tgt Ion: 95 Resp: 90243
Ion Ratio Lower Upper
95 100
174 81.8 0.0 164.0
176 79.6 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

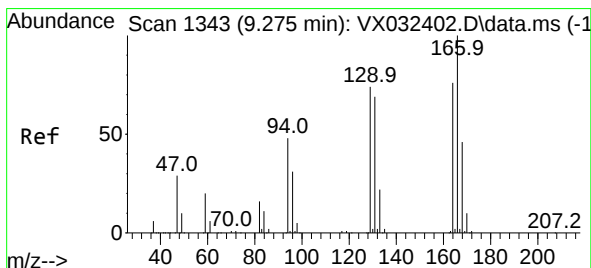
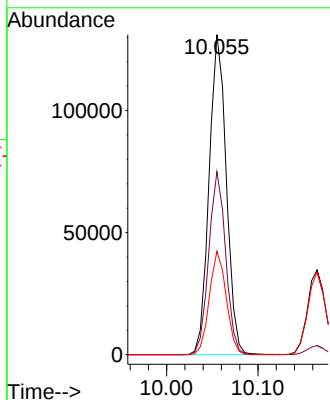
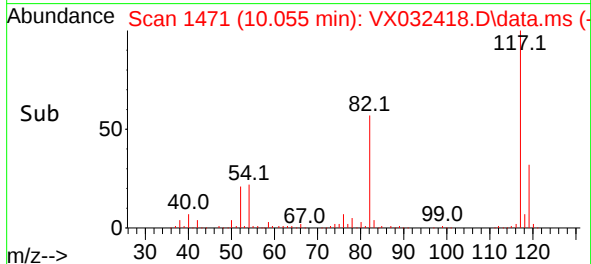
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 171769
Ion Ratio Lower Upper
117 100
82 57.2 44.3 66.5
119 32.3 25.7 38.5

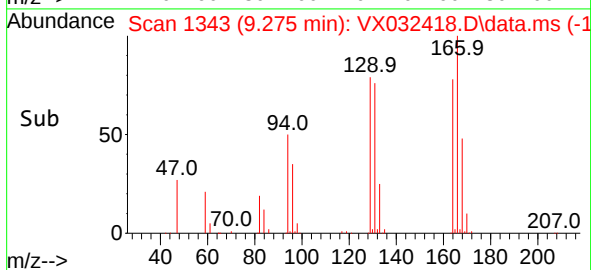
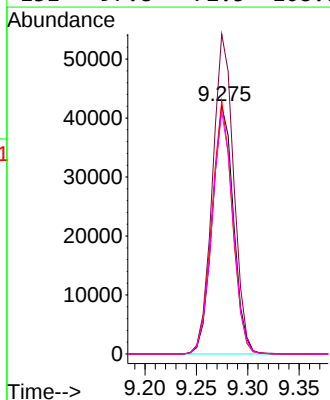
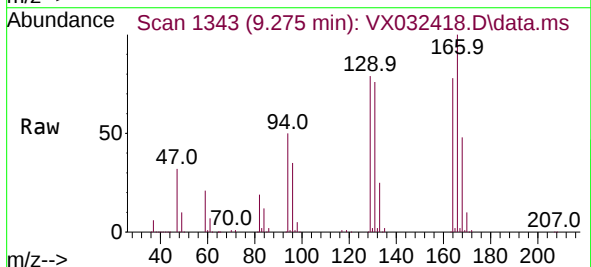
Manual Integrations
APPROVED

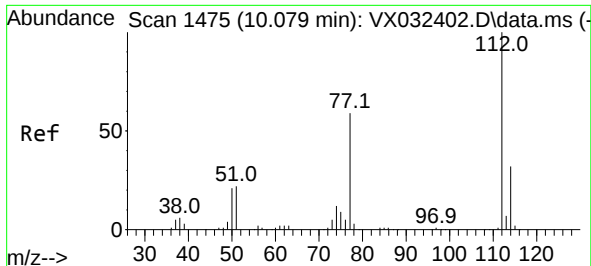
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#64
Tetrachloroethene
Concen: 47.847 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

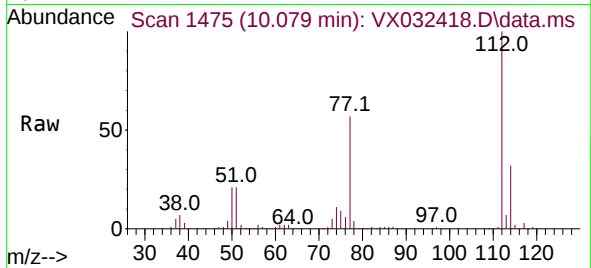
Tgt Ion:164 Resp: 60155
Ion Ratio Lower Upper
164 100
166 128.9 105.4 158.2
129 101.9 78.2 117.2
131 97.8 72.5 108.7





#65
Chlorobenzene
Concen: 48.591 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

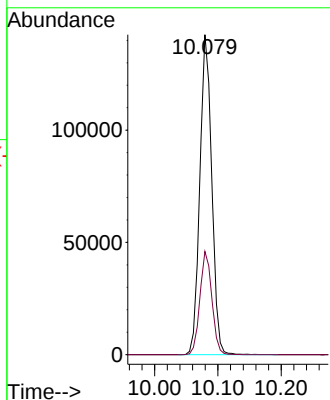
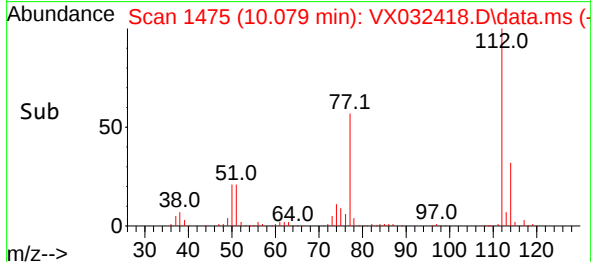
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 186964
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2

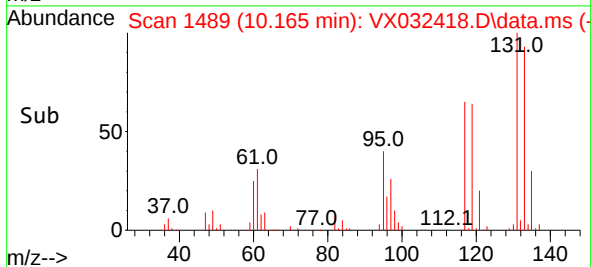
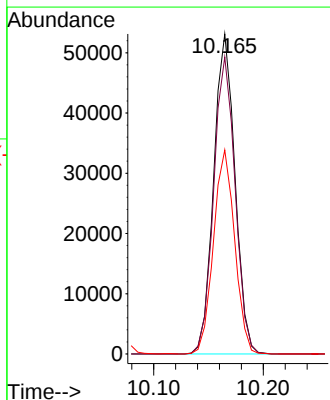
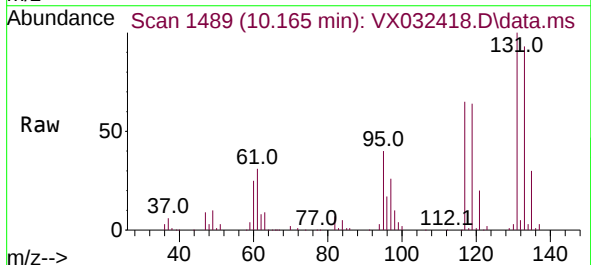
Manual Integrations
APPROVED

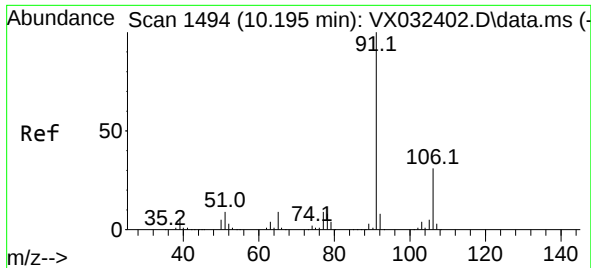
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 49.435 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

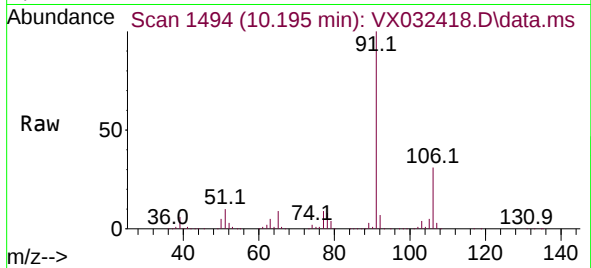
Tgt Ion:131 Resp: 71588
Ion Ratio Lower Upper
131 100
133 93.9 47.6 142.9
119 63.7 32.4 97.0





#67
Ethyl Benzene
Concen: 49.526 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

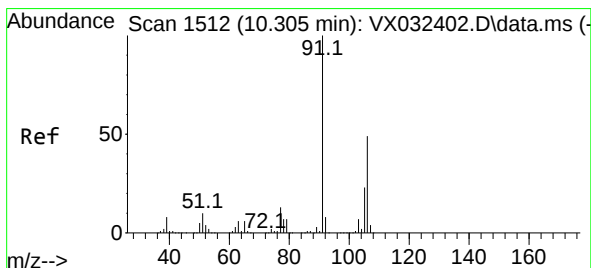
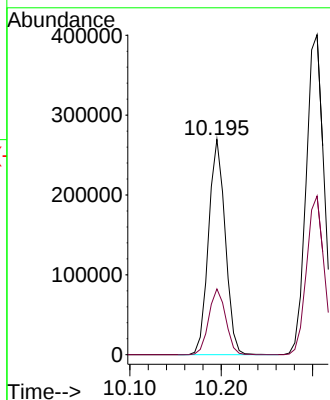
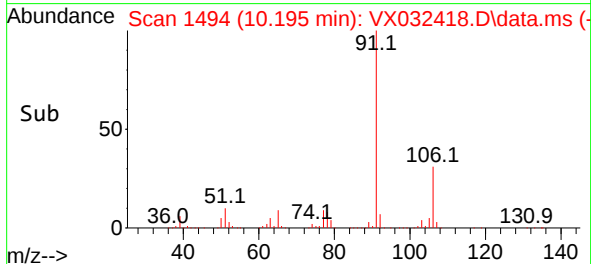
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



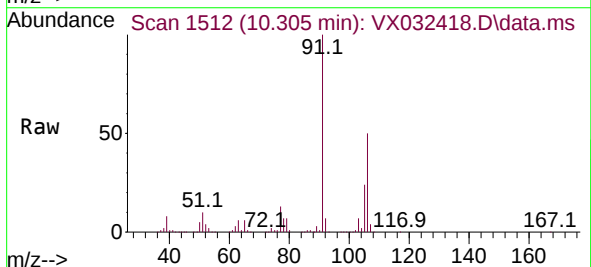
Tgt Ion: 91 Resp: 34076
Ion Ratio Lower Upper
91 100
106 30.5 25.0 37.6

Manual Integrations
APPROVED

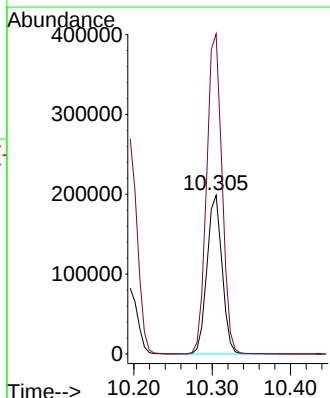
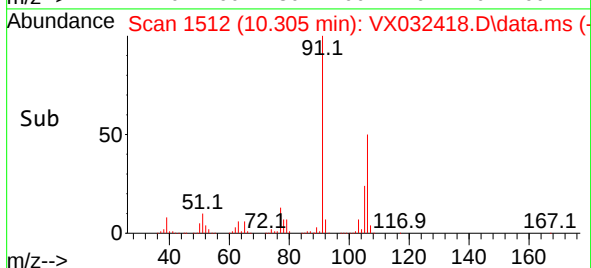
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#68
m/p-Xylenes
Concen: 99.176 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34



Tgt Ion:106 Resp: 264977
Ion Ratio Lower Upper
106 100
91 205.9 164.5 246.7





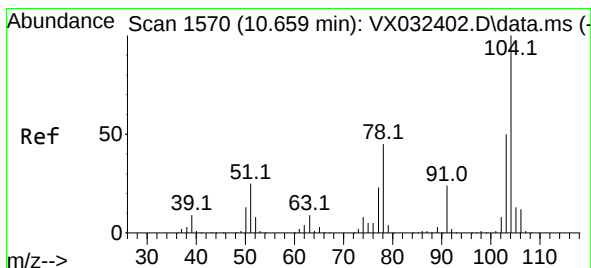
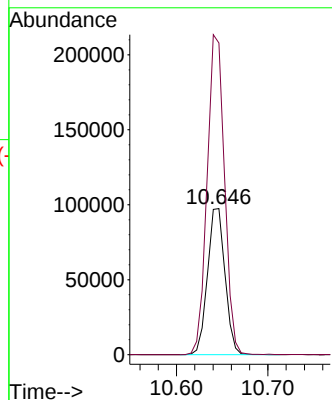
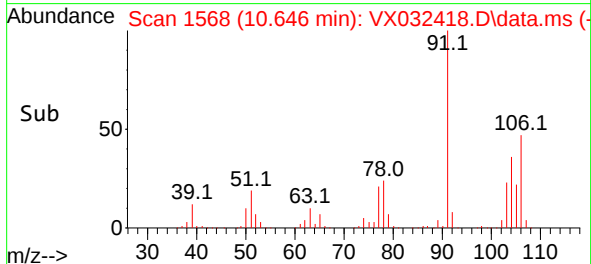
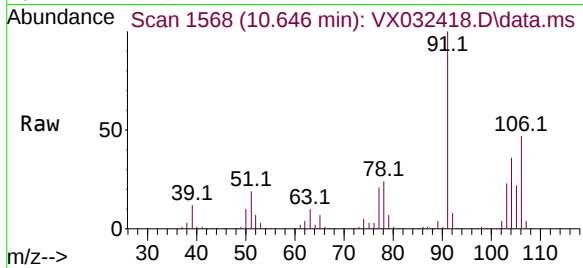
#69
o-Xylene
Concen: 49.837 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 12946
Ion Ratio Lower Upper
106 100
91 217.8 109.2 327.6

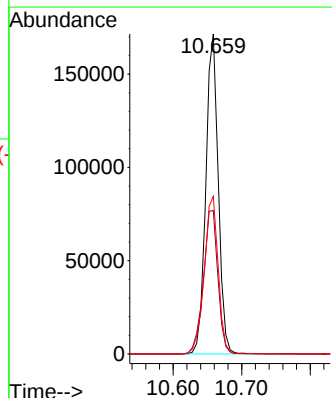
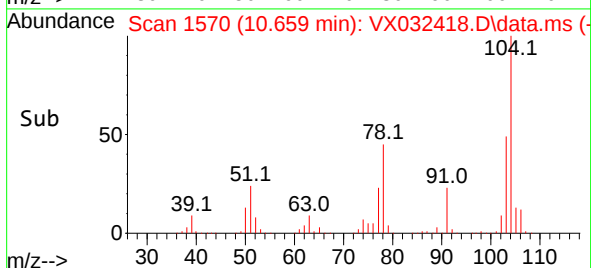
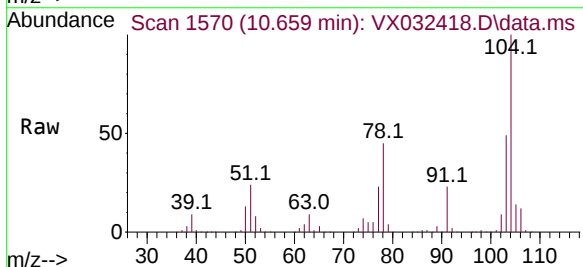
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#70
Styrene
Concen: 50.161 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

Tgt Ion:104 Resp: 216555
Ion Ratio Lower Upper
104 100
78 52.4 41.8 62.8
103 55.3 44.5 66.7





#71

Bromoform

Concen: 49.855 ug/l

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX032418.D

Acq: 26 Oct 2022 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

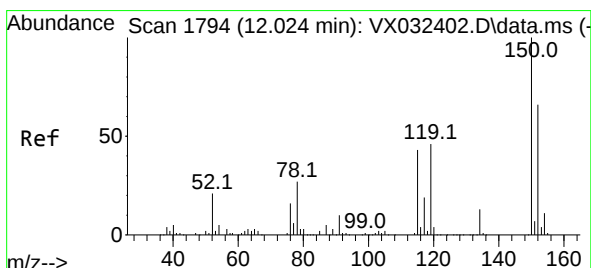
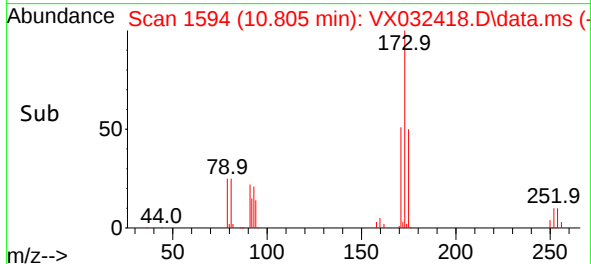
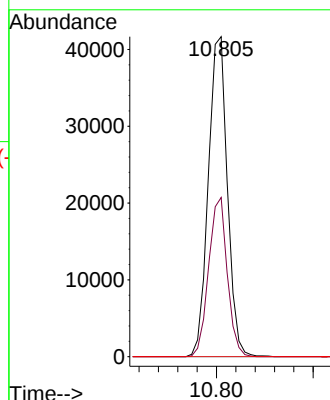
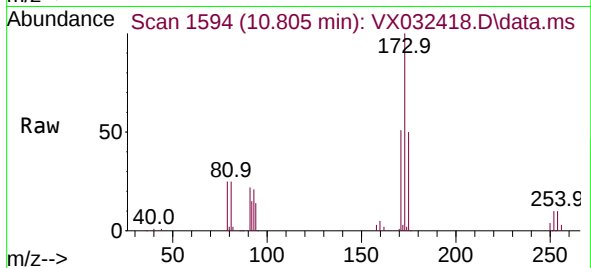
Tgt Ion:173	Resp: 5708
Ion Ratio	Lower Upper
173 100	
175 48.6	23.9 71.8
254 0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

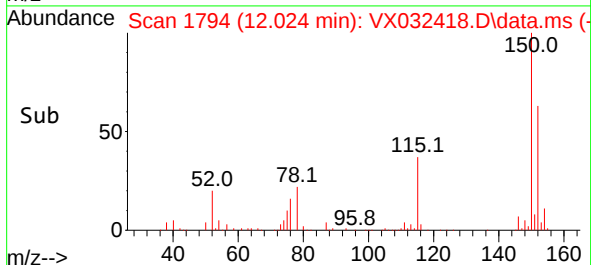
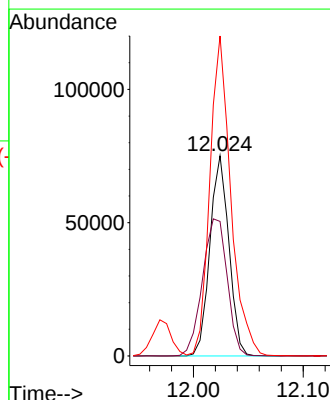
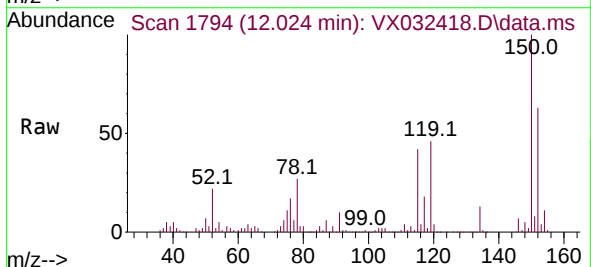
RT: 12.024 min Scan# 1794

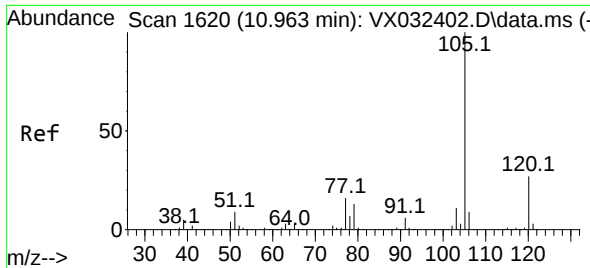
Delta R.T. -0.000 min

Lab File: VX032418.D

Acq: 26 Oct 2022 20:34

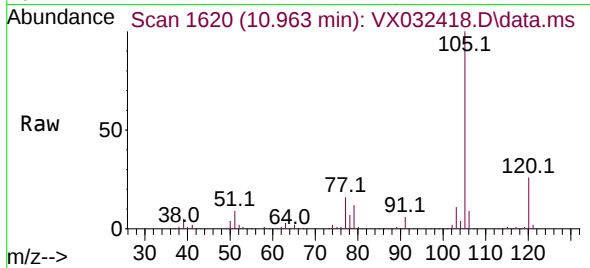
Tgt Ion:152	Resp: 90352
Ion Ratio	Lower Upper
152 100	
115 89.4	44.0 132.0
150 176.5	0.0 351.8





#73
Isopropylbenzene
Concen: 48.783 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

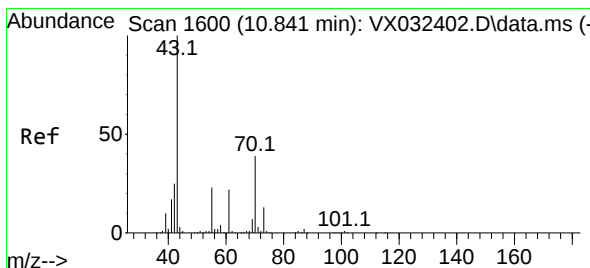
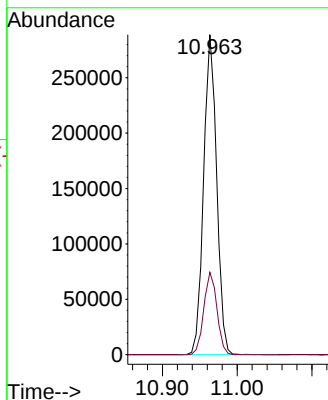
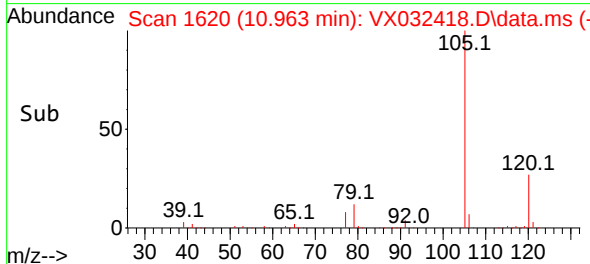
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



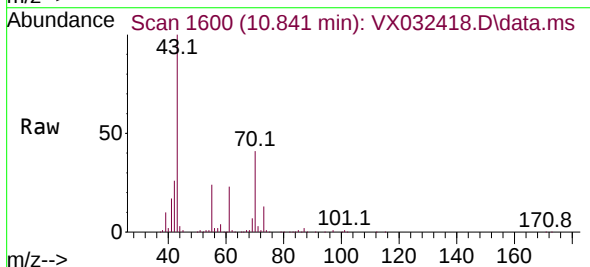
Tgt Ion:105 Resp: 349269
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.3

Manual Integrations
APPROVED

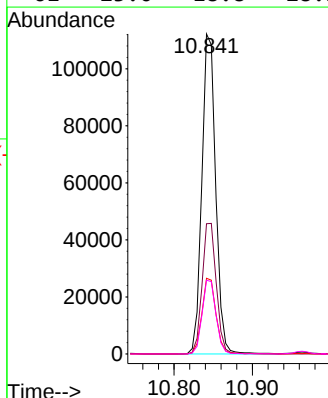
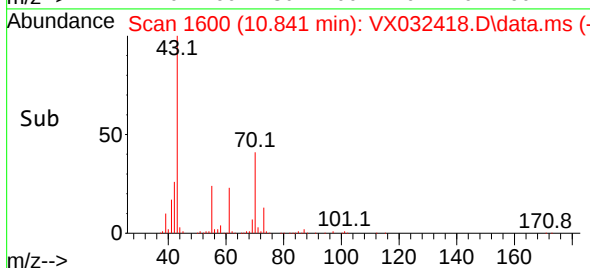
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

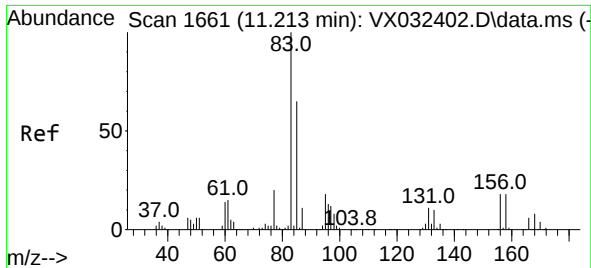


#74
N-ethyl acetate
Concen: 50.773 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34



Tgt Ion: 43 Resp: 137352
Ion Ratio Lower Upper
43 100
70 41.9 33.6 50.4
55 24.3 19.4 29.2
61 23.0 18.8 28.2





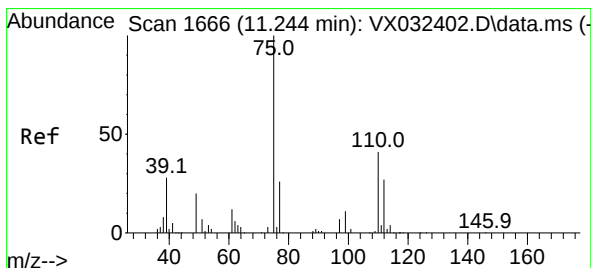
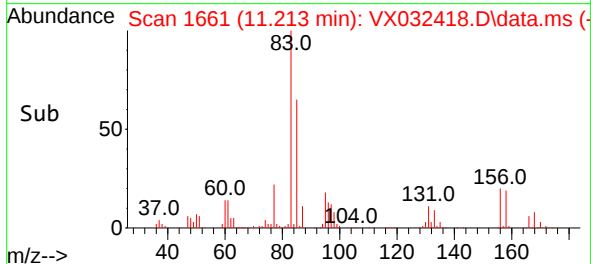
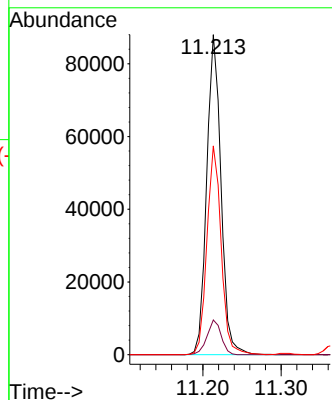
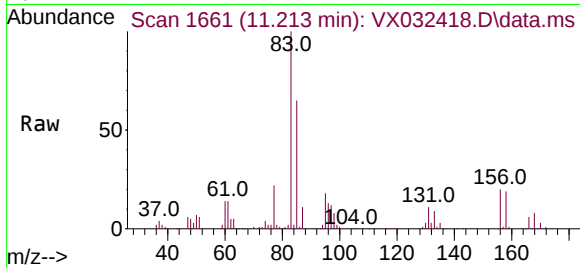
#75
1,1,2,2-Tetrachloroethane
Concen: 48.322 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 11105
Ion Ratio Lower Upper
83 100
131 10.8 5.4 16.2
85 65.0 31.9 95.9

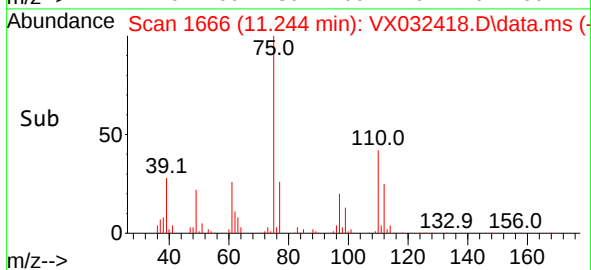
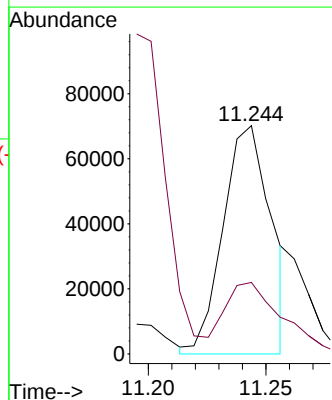
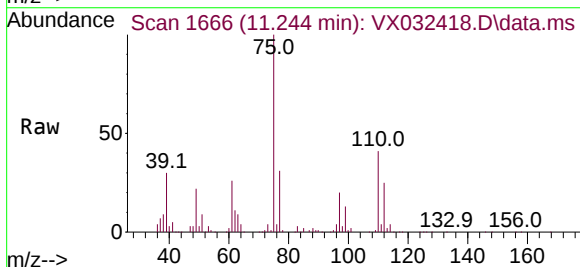
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#76
1,2,3-Trichloropropane
Concen: 49.388 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

Tgt Ion: 75 Resp: 99276
Ion Ratio Lower Upper
75 100
77 37.4 20.0 60.0





#77

Bromobenzene

Concen: 48.510 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX032418.D

Acq: 26 Oct 2022 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

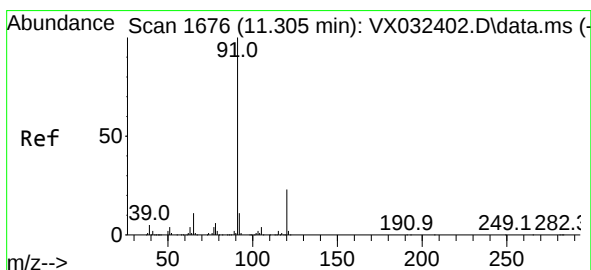
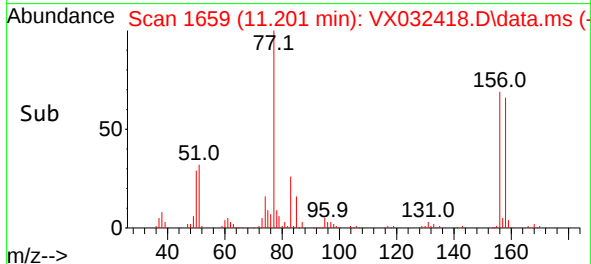
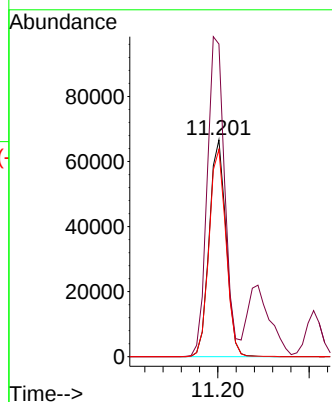
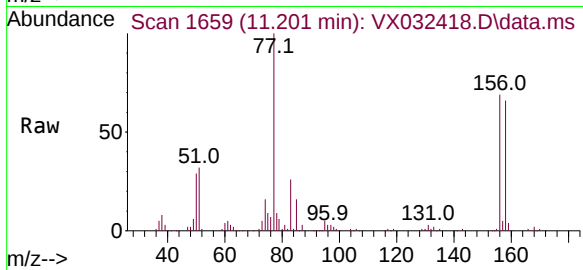
Tgt Ion:	156	Resp:	85148
Ion Ratio	Lower	Upper	
156	100		
77	154.5	76.1	228.4
158	96.5	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#78

n-propylbenzene

Concen: 48.450 ug/l

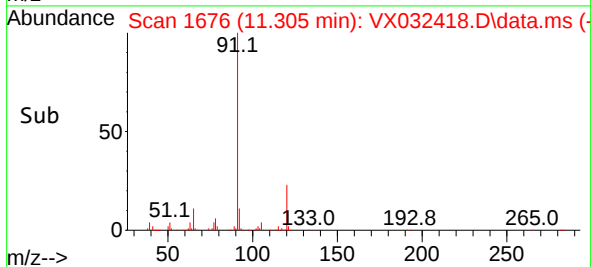
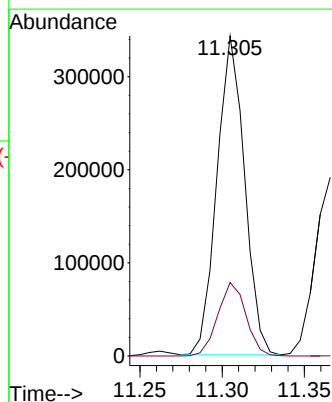
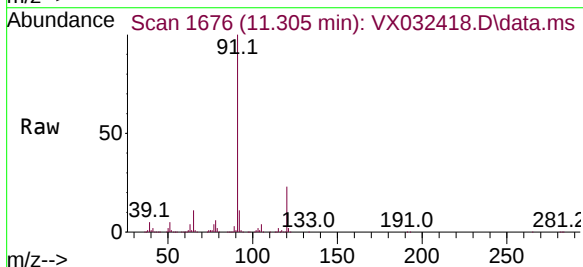
RT: 11.305 min Scan# 1676

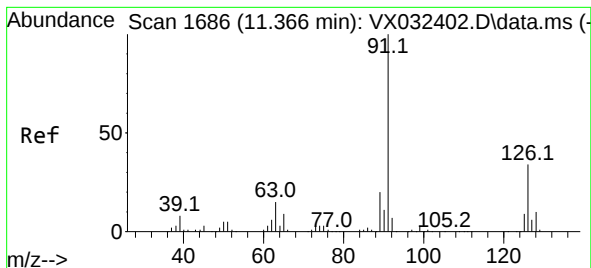
Delta R.T. -0.000 min

Lab File: VX032418.D

Acq: 26 Oct 2022 20:34

Tgt Ion:	91	Resp:	399656
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.6	34.8





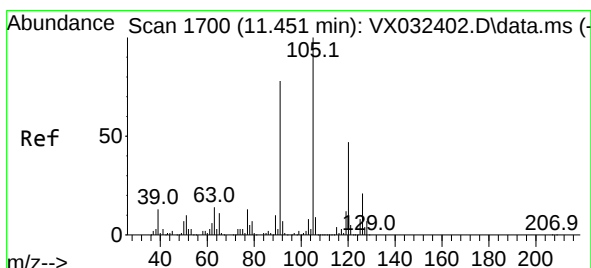
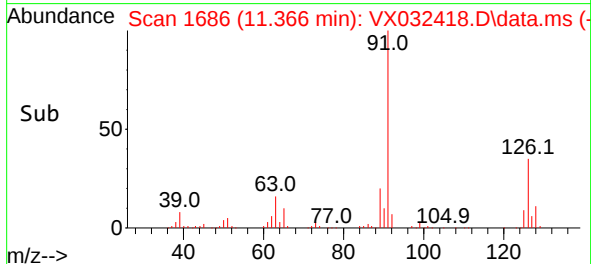
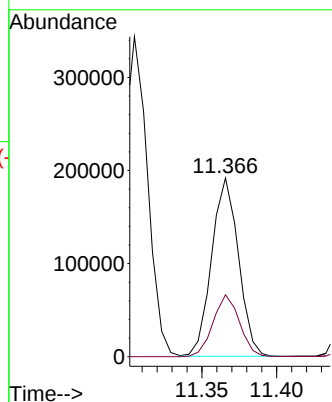
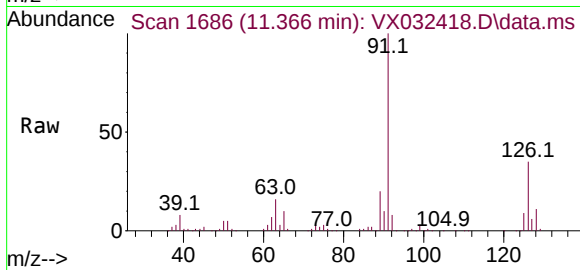
#79
2-Chlorotoluene
Concen: 48.384 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 239023
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.2

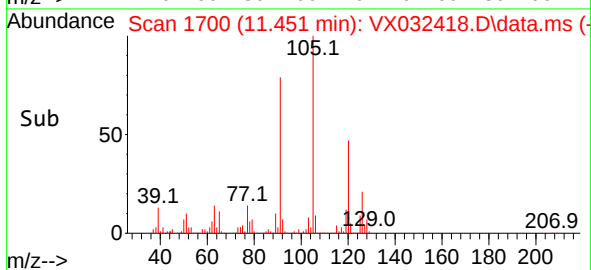
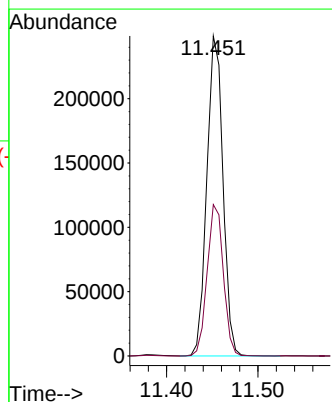
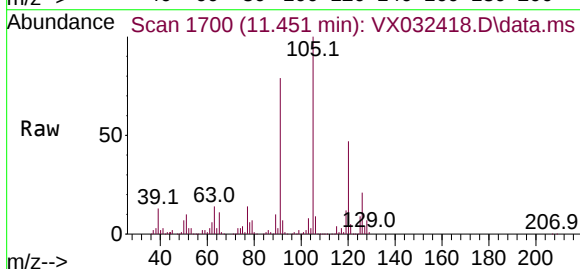
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#80
1,3,5-Trimethylbenzene
Concen: 49.555 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

Tgt Ion:105 Resp: 303231
Ion Ratio Lower Upper
105 100
120 47.6 23.6 71.0





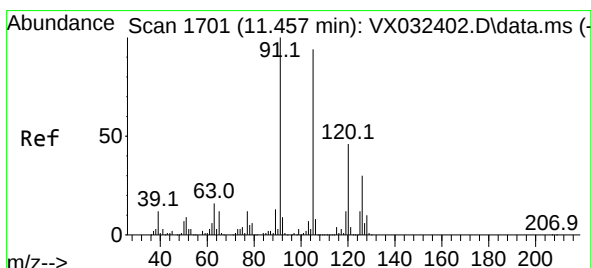
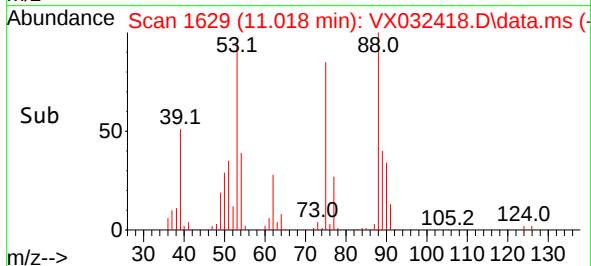
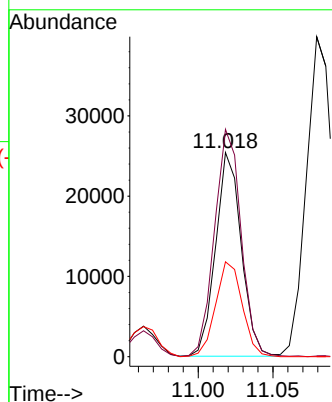
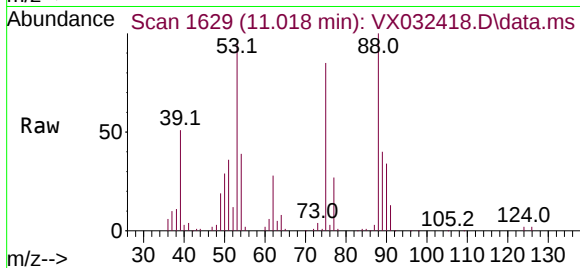
#81
trans-1,4-Dichloro-2-butene
Concen: 47.873 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 3024
Ion Ratio Lower Upper
75 100
53 116.3 86.9 130.3
89 48.3 38.3 57.5

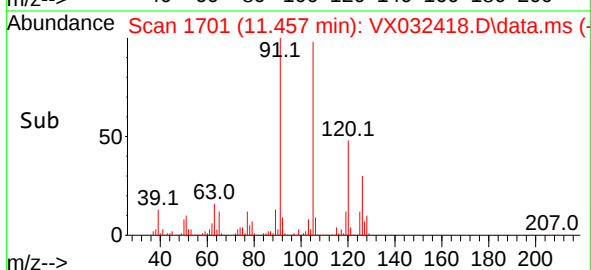
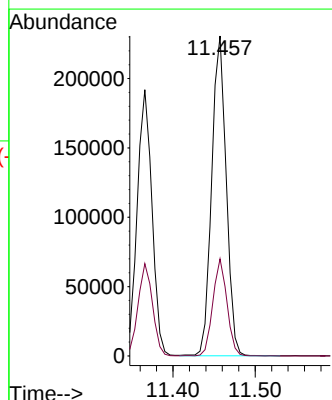
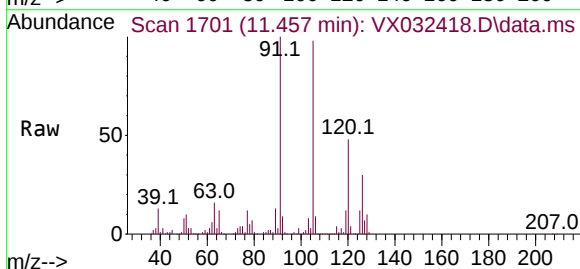
Manual Integrations
APPROVED

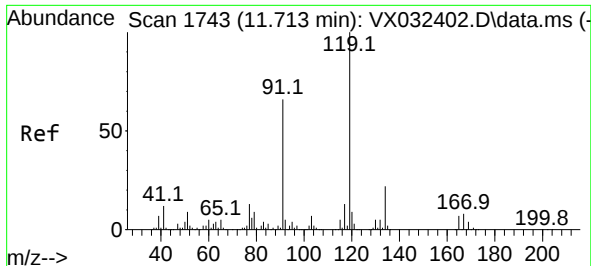
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#82
4-Chlorotoluene
Concen: 48.994 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

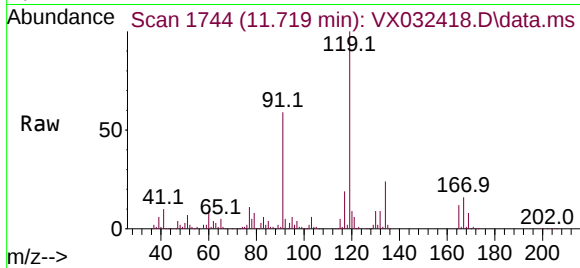
Tgt Ion: 91 Resp: 283216
Ion Ratio Lower Upper
91 100
126 29.5 14.8 44.4





#83
tert-Butylbenzene
Concen: 48.876 ug/l
RT: 11.719 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

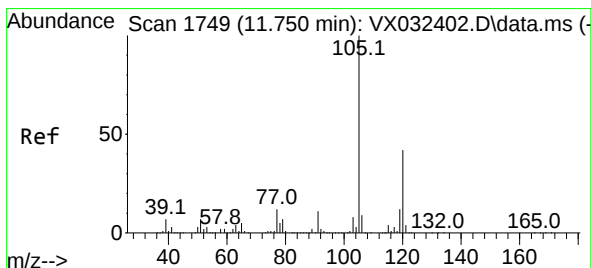
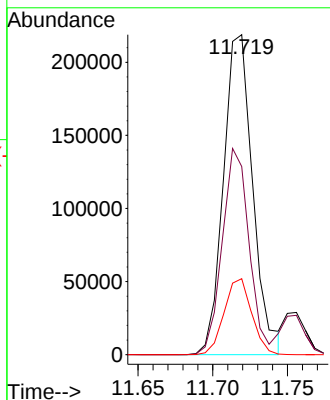
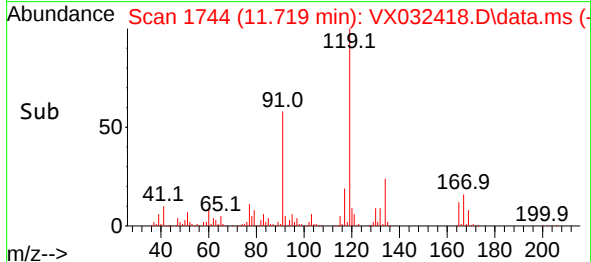
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



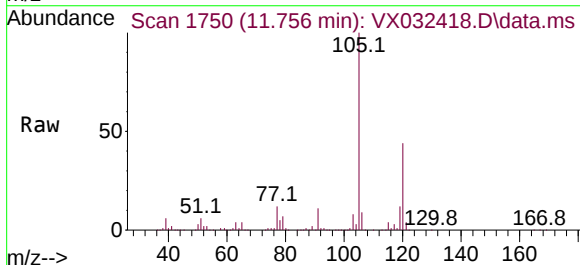
Tgt Ion:119 Resp: 29858
Ion Ratio Lower Upper
119 100
91 58.8 29.4 88.2
134 22.4 11.0 33.0

Manual Integrations
APPROVED

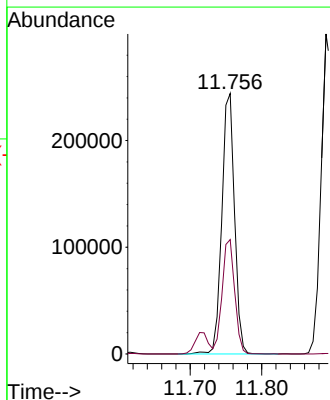
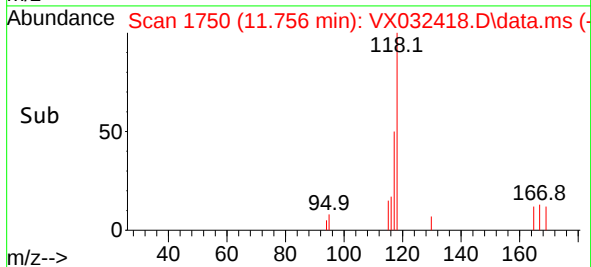
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

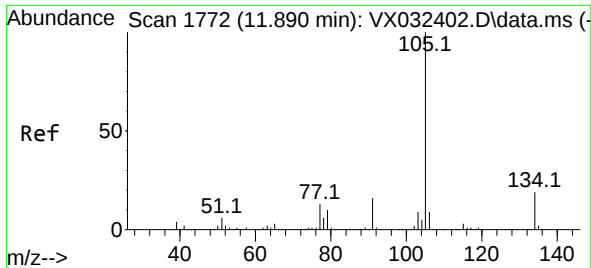


#84
1,2,4-Trimethylbenzene
Concen: 49.544 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34



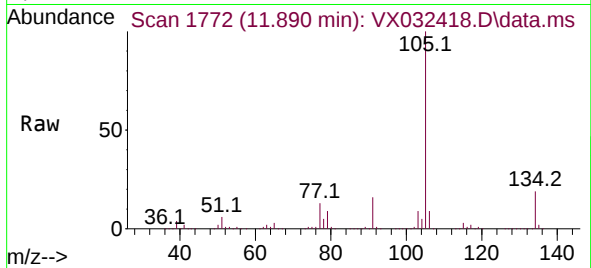
Tgt Ion:105 Resp: 301529
Ion Ratio Lower Upper
105 100
120 43.5 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 50.173 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX032418.D
 Acq: 26 Oct 2022 20:34

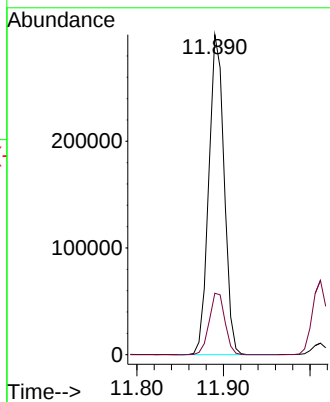
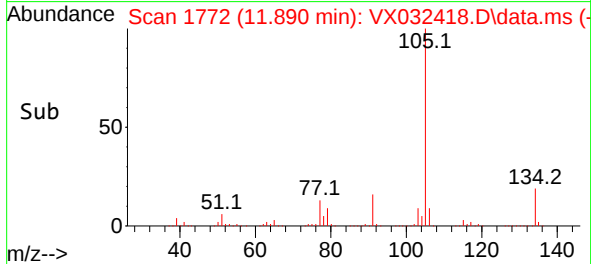
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



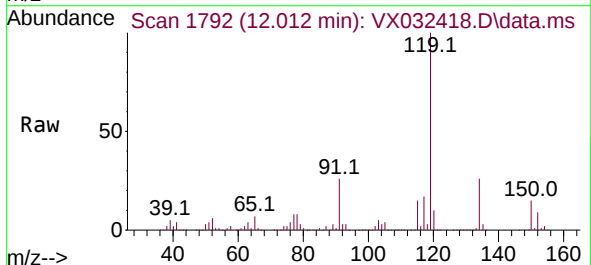
Tgt Ion:105 Resp: 36881
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.9 29.7

Manual Integrations
 APPROVED

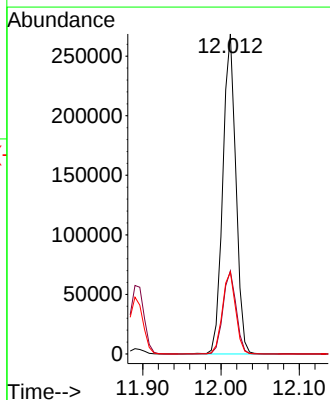
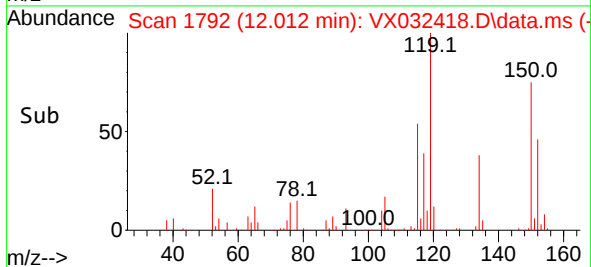
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022

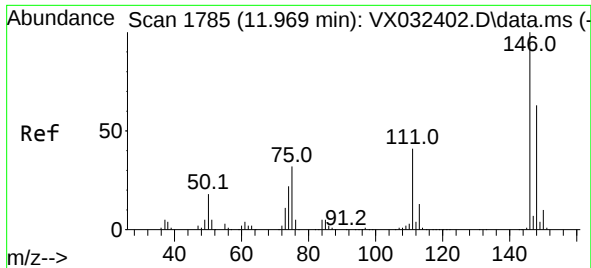


#86
 p-Isopropyltoluene
 Concen: 50.138 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX032418.D
 Acq: 26 Oct 2022 20:34



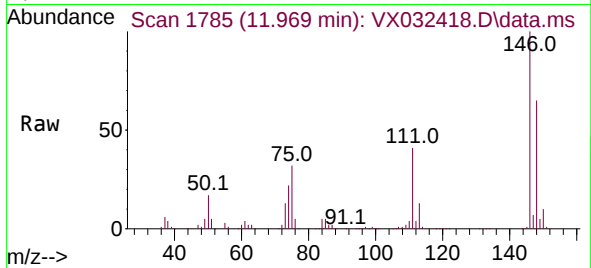
Tgt Ion:119 Resp: 312734
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.7
 91 25.9 12.5 37.5





#87
1,3-Dichlorobenzene
Concen: 48.461 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

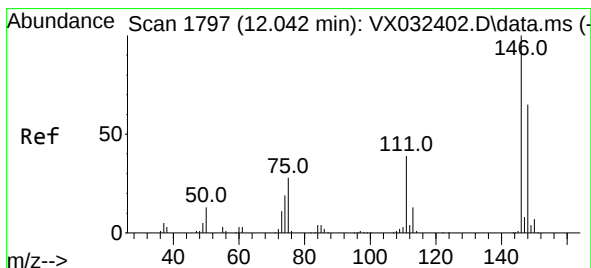
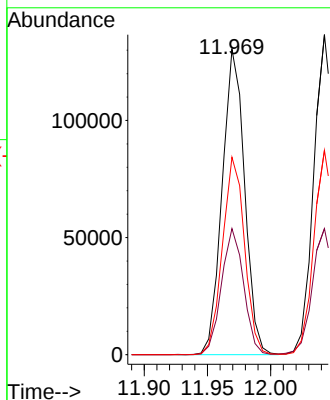
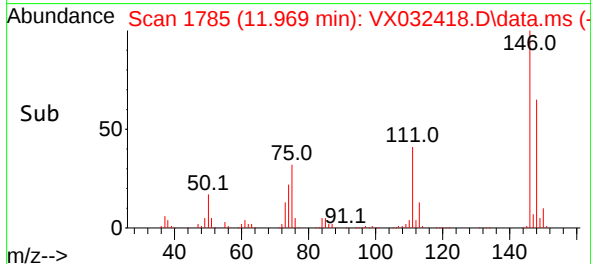
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



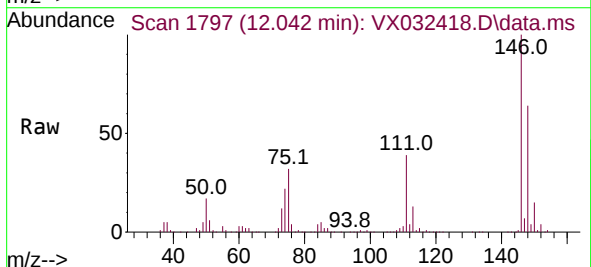
Tgt Ion:146 Resp: 160450
Ion Ratio Lower Upper
146 100
111 40.8 20.6 61.8
148 63.9 31.7 95.1

Manual Integrations
APPROVED

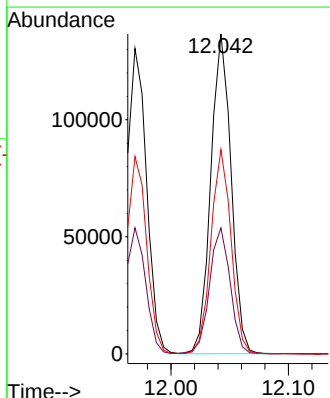
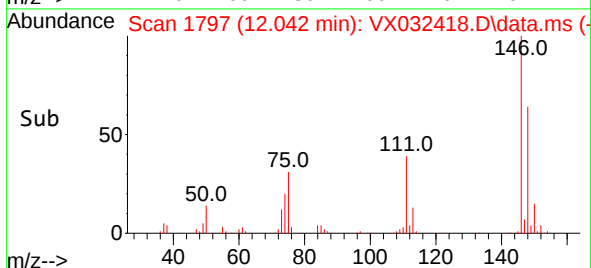
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

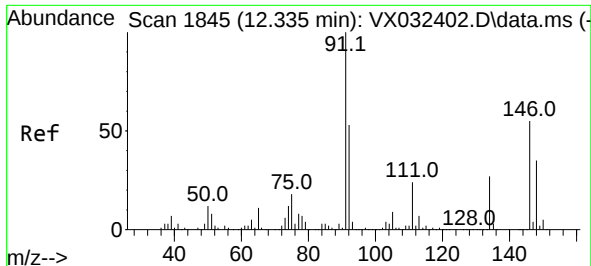


#88
1,4-Dichlorobenzene
Concen: 47.685 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34



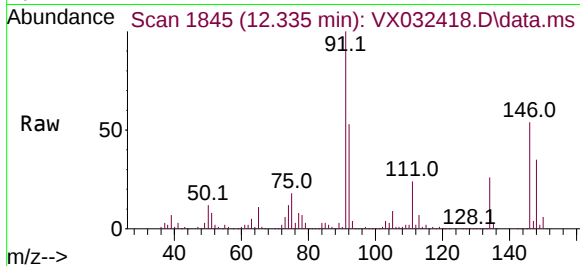
Tgt Ion:146 Resp: 163794
Ion Ratio Lower Upper
146 100
111 40.2 20.5 61.6
148 63.4 32.2 96.6





#89
n-Butylbenzene
Concen: 50.320 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

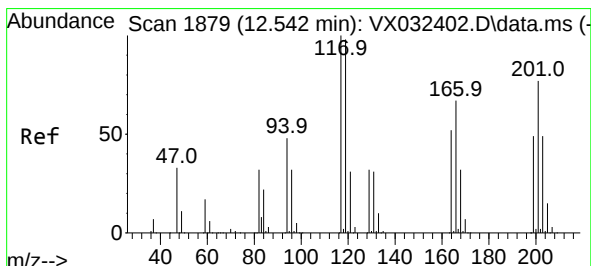
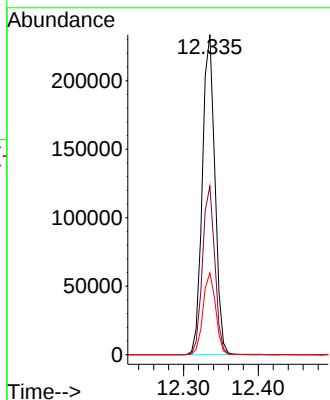
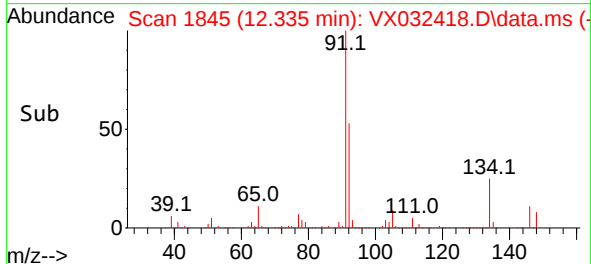
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 27306
Ion Ratio Lower Upper
91 100
92 51.8 26.2 78.6
134 25.7 12.9 38.6

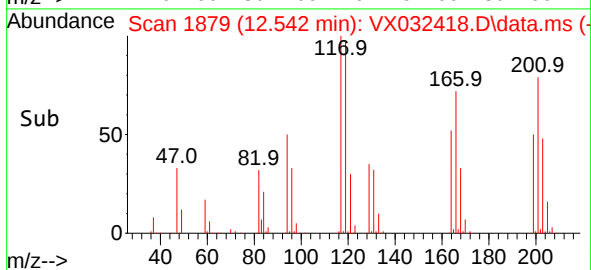
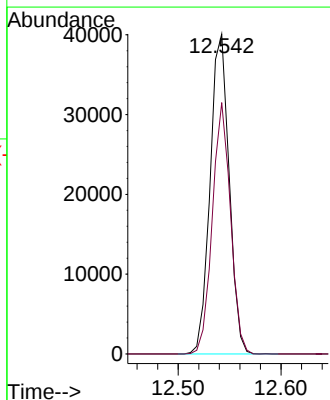
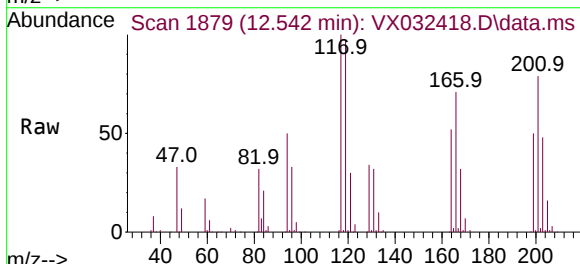
Manual Integrations
APPROVED

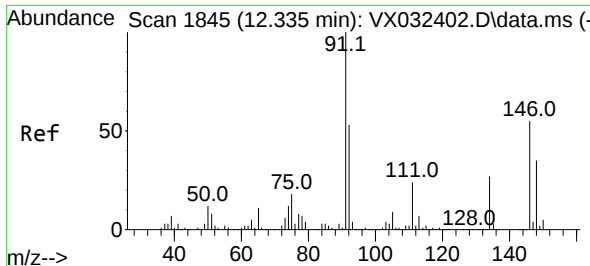
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#90
Hexachloroethane
Concen: 50.486 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

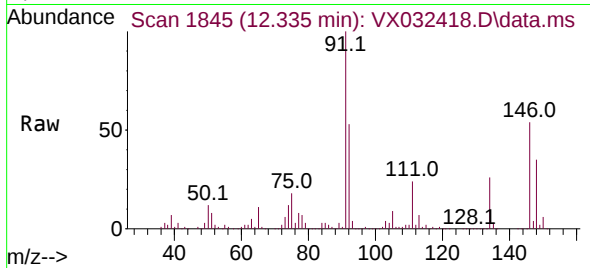
Tgt Ion:117 Resp: 51436
Ion Ratio Lower Upper
117 100
201 75.0 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 48.974 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

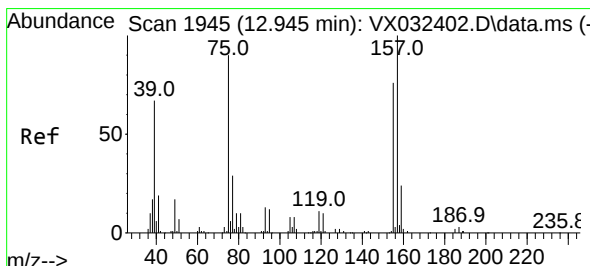
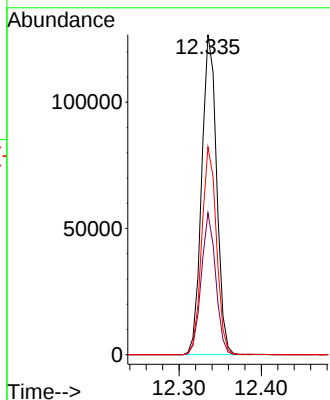
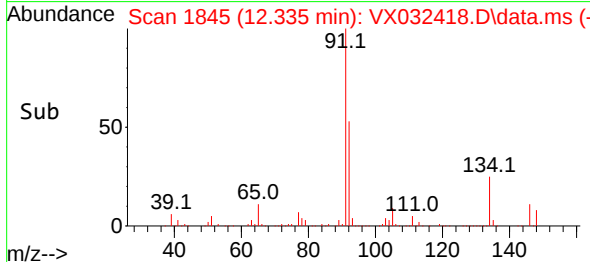
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



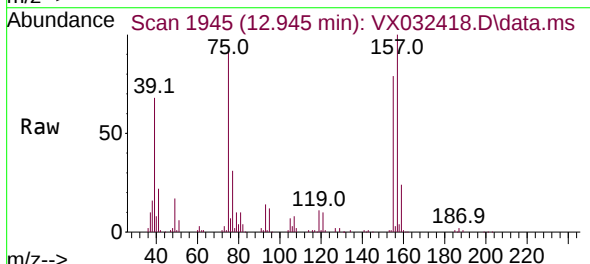
Tgt Ion:146 Resp: 15988
Ion Ratio Lower Upper
146 100
111 42.7 21.5 64.5
148 63.9 32.0 96.2

Manual Integrations
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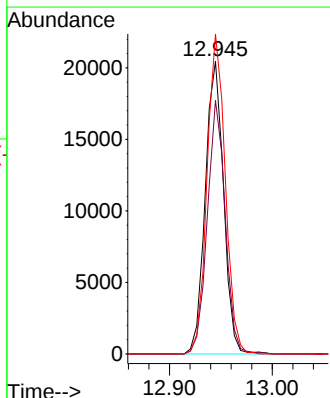
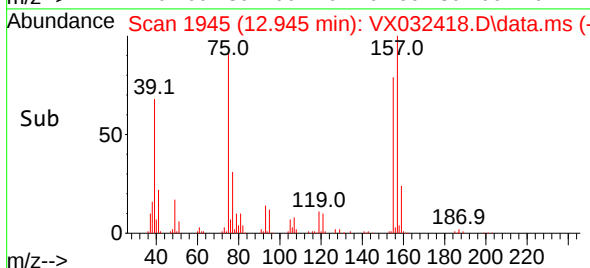
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

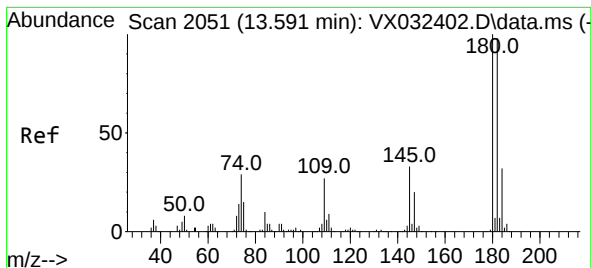


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.188 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34



Tgt Ion: 75 Resp: 25289
Ion Ratio Lower Upper
75 100
155 84.7 41.6 124.8
157 108.7 54.1 162.4





#93

1,2,4-Trichlorobenzene

Concen: 47.454 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX032418.D

Acq: 26 Oct 2022 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

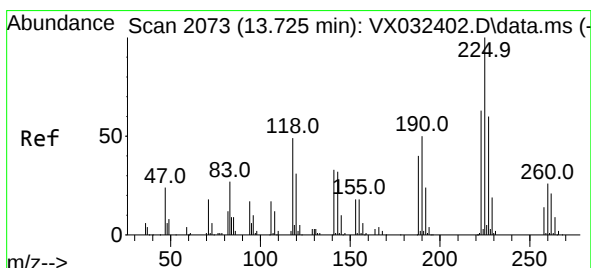
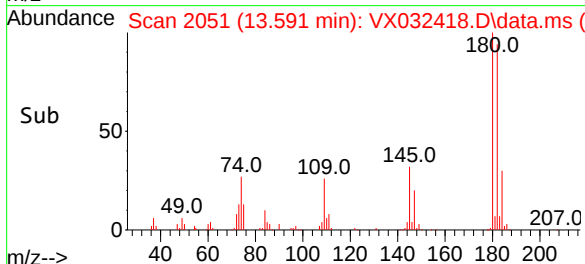
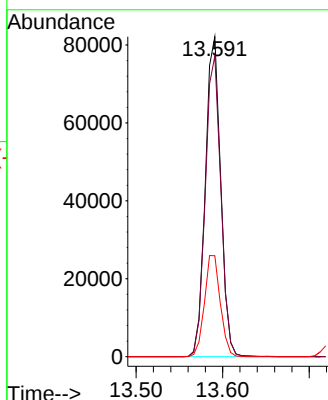
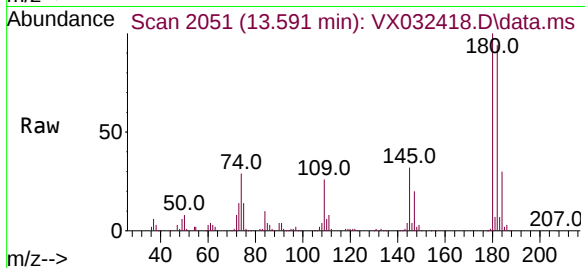
Tgt Ion:	180	Resp:	10101
Ion Ratio	Lower	Upper	
180	100		
182	95.2	48.4	145.0
145	32.7	16.2	48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#94

Hexachlorobutadiene

Concen: 45.809 ug/l

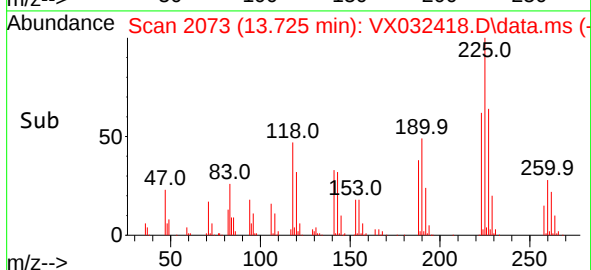
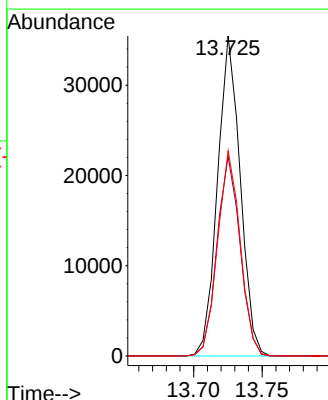
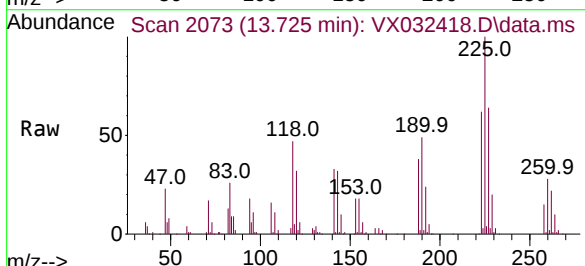
RT: 13.725 min Scan# 2073

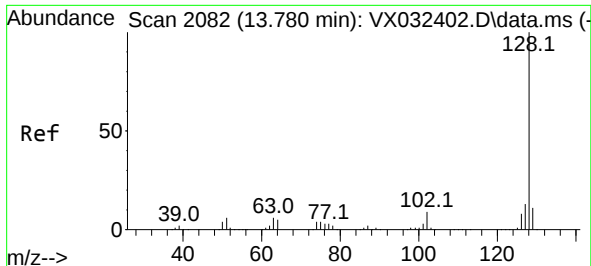
Delta R.T. -0.000 min

Lab File: VX032418.D

Acq: 26 Oct 2022 20:34

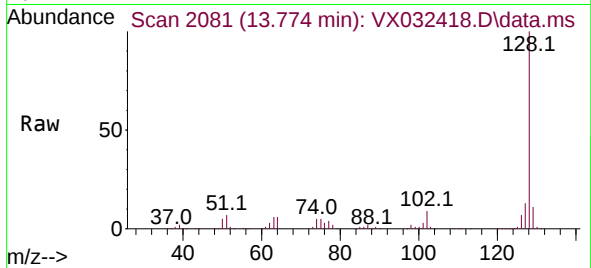
Tgt Ion:	225	Resp:	40726
Ion Ratio	Lower	Upper	
225	100		
223	63.3	31.9	95.9
227	64.1	31.9	95.5





#95
Naphthalene
Concen: 48.858 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34

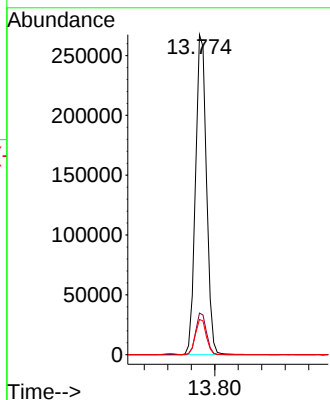
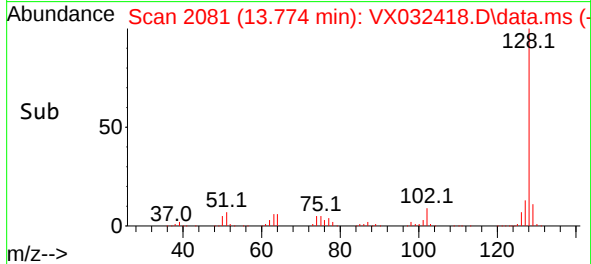
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



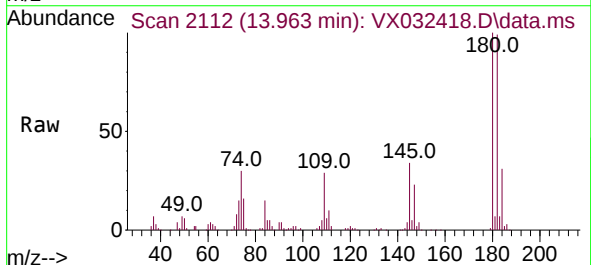
Tgt Ion:128 Resp: 34655
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2022
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#96
1,2,3-Trichlorobenzene
Concen: 46.506 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX032418.D
Acq: 26 Oct 2022 20:34



Tgt Ion:180 Resp: 100635
Ion Ratio Lower Upper
180 100
182 97.2 47.5 142.6
145 33.8 16.9 50.6

