

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032613.D
 Acq On : 05 Nov 2022 08:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/07/2022
 Supervised By : Mahesh Dadoda 11/07/2022

Quant Time: Nov 07 05:11:33 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	104956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	168342	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	154480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76584	52.515	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.020%			
35) Dibromofluoromethane	5.385	113	61803	51.468	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.940%			
50) Toluene-d8	8.653	98	209909	50.272	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.540%			
62) 4-Bromofluorobenzene	11.079	95	85600	52.482	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	59144	48.859	ug/l	99
3) Chloromethane	1.294	50	47839	46.730	ug/l	93
4) Vinyl Chloride	1.374	62	55734	49.468	ug/l	100
5) Bromomethane	1.611	94	43229	48.012	ug/l	97
6) Chloroethane	1.685	64	46166	61.079	ug/l	99
7) Trichlorofluoromethane	1.886	101	109949	51.503	ug/l	99
8) Diethyl Ether	2.130	74	35203	50.886	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	56538	50.178	ug/l	100
10) Methyl Iodide	2.453	142	49348	39.783	ug/l	99
11) Tert butyl alcohol	2.983	59	49885	235.019	ug/l	99
12) 1,1-Dichloroethene	2.319	96	52555	49.930	ug/l	96
13) Acrolein	2.239	56	61889	292.067	ug/l	99
14) Allyl chloride	2.666	41	82527	49.186	ug/l	98
15) Acrylonitrile	3.062	53	141383	245.432	ug/l	100
16) Acetone	2.386	43	130808	246.790	ug/l	98
17) Carbon Disulfide	2.514	76	110567	44.102	ug/l	99
18) Methyl Acetate	2.703	43	93863	54.457	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	192026	51.907	ug/l	99
20) Methylene Chloride	2.788	84	60053	49.415	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	57027	49.774	ug/l	98
22) Diisopropyl ether	3.763	45	189133	52.114	ug/l	98
23) Vinyl Acetate	3.721	43	745893	254.386	ug/l	99
24) 1,1-Dichloroethane	3.611	63	107859	51.668	ug/l	100
25) 2-Butanone	4.556	43	200199	243.795	ug/l	100
26) 2,2-Dichloropropane	4.477	77	58514	35.262	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	69228	52.274	ug/l	96
28) Bromochloromethane	4.903	49	35413	47.626	ug/l	99
29) Tetrahydrofuran	5.007	42	127946	244.342	ug/l	99
30) Chloroform	5.099	83	121826	53.185	ug/l	99
31) Cyclohexane	5.477	56	87763	49.634	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	109593	53.316	ug/l	99
36) 1,1-Dichloropropene	5.696	75	83180	49.744	ug/l	99
37) Ethyl Acetate	4.715	43	81488	46.817	ug/l	99
38) Carbon Tetrachloride	5.684	117	93967	50.665	ug/l	97
39) Methylcyclohexane	7.385	83	92278	46.642	ug/l	98
40) Benzene	6.044	78	236658	50.013	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	45841	51.699	ug/l	98
42) 1,2-Dichloroethane	6.086	62	101299	52.369	ug/l	100
43) Isopropyl Acetate	6.342	43	136235	50.977	ug/l	99
44) Trichloroethene	7.129	130	66303	49.774	ug/l	100
45) 1,2-Dichloropropane	7.434	63	61849	50.917	ug/l	99
46) Dibromomethane	7.580	93	47525	51.016	ug/l	99
47) Bromodichloromethane	7.824	83	92585	52.439	ug/l	96
48) Methyl methacrylate	7.696	41	69813	50.580	ug/l	99
49) 1,4-Dioxane	7.690	88	25093	953.964	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	431164	256.136	ug/l	99
52) Toluene	8.720	92	158140	51.223	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	89694	49.791	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	94508	49.050	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	65738	50.560	ug/l	96
56) Ethyl methacrylate	9.116	69	98880	52.847	ug/l	99
57) 1,3-Dichloropropane	9.311	76	108350	51.604	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	235217	261.083	ug/l	100
59) 2-Hexanone	9.433	43	318341	254.865	ug/l	100
60) Dibromochloromethane	9.525	129	73036	51.429	ug/l	99
61) 1,2-Dibromoethane	9.610	107	71686	52.035	ug/l	97
64) Tetrachloroethene	9.275	164	56470	49.943	ug/l	97
65) Chlorobenzene	10.079	112	174442	50.411	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	68365	52.493	ug/l	98
67) Ethyl Benzene	10.195	91	317497	51.308	ug/l	99
68) m/p-Xylenes	10.305	106	246137	102.435	ug/l	100
69) o-Xylene	10.640	106	121810	52.139	ug/l	99
70) Styrene	10.659	104	203209	52.337	ug/l	100
71) Bromoform	10.799	173	52383	50.872	ug/l #	99
73) Isopropylbenzene	10.963	105	324610	49.667	ug/l	100
74) N-amyl acetate	10.841	43	126369	51.173	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	101683	48.470	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	90455m	49.296	ug/l	
77) Bromobenzene	11.201	156	79959	49.903	ug/l	99
78) n-propylbenzene	11.305	91	370762	49.238	ug/l	100
79) 2-Chlorotoluene	11.366	91	224408	49.763	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	279974	50.122	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	24366	42.254	ug/l	97
82) 4-Chlorotoluene	11.457	91	264333	50.093	ug/l	100
83) tert-Butylbenzene	11.713	119	277605	49.779	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	279318	50.276	ug/l	100
85) sec-Butylbenzene	11.890	105	330365	49.233	ug/l	100
86) p-Isopropyltoluene	12.012	119	283319	49.758	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	148872	49.255	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	153246	48.873	ug/l	98
89) n-Butylbenzene	12.335	91	235963	47.635	ug/l	99
90) Hexachloroethane	12.542	117	44904	48.282	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	148239	49.741	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22437	48.779	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	89871	46.249	ug/l	99
94) Hexachlorobutadiene	13.725	225	35216	43.393	ug/l	99
95) Naphthalene	13.774	128	308285	47.612	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	91813	46.480	ug/l	99

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VSTDCCC050EC

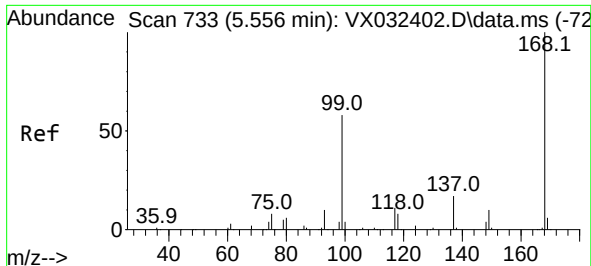
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

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Response via : Initial Calibration

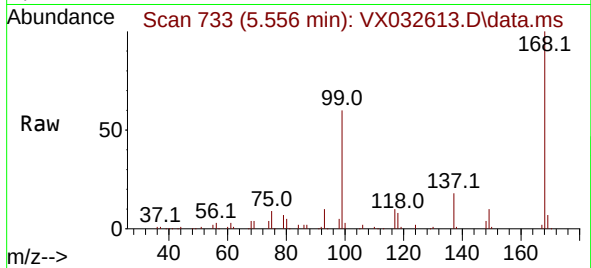
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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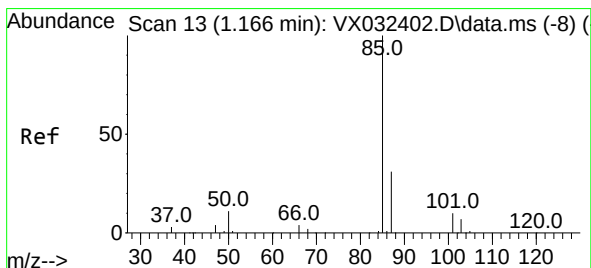
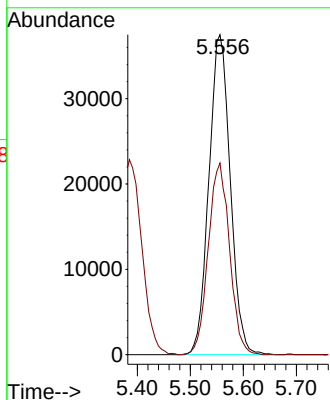
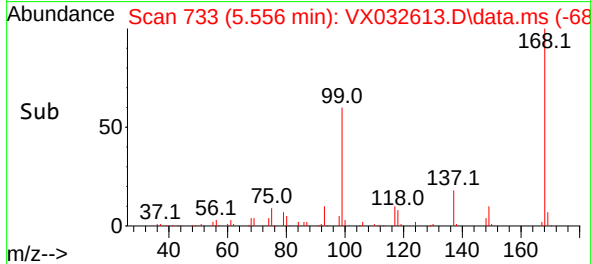
Instrument :
MSVOA_X
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VSTDCCC050EC



Tgt Ion:168 Resp: 104950
Ion Ratio Lower Upper
168 100
99 59.9 46.1 69.1

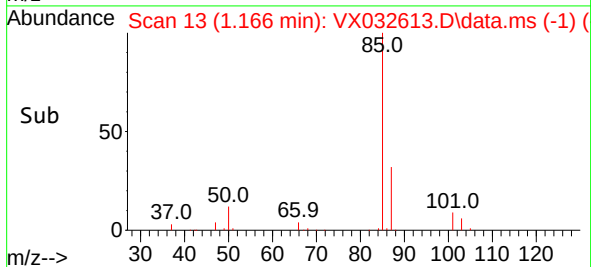
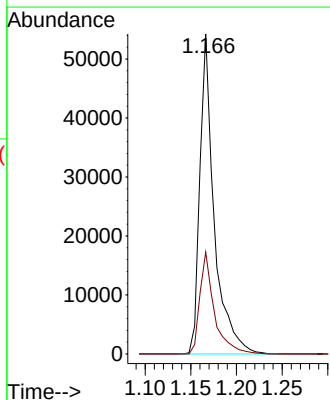
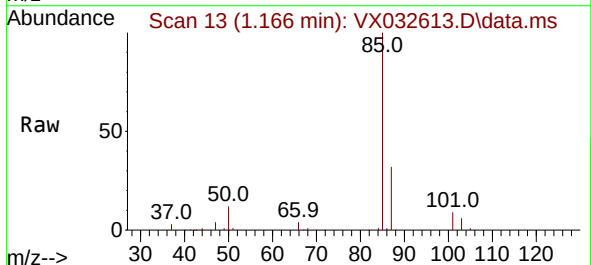
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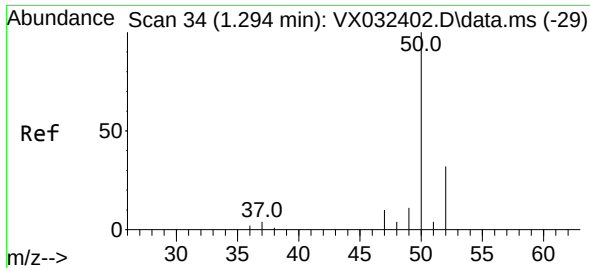
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#2
Dichlorodifluoromethane
Concen: 48.859 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

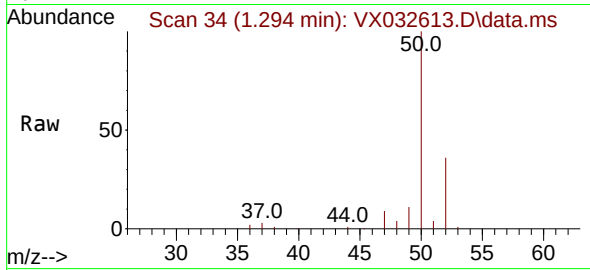
Tgt Ion: 85 Resp: 59144
Ion Ratio Lower Upper
85 100
87 31.8 15.6 46.7





#3
Chloromethane
Concen: 46.730 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

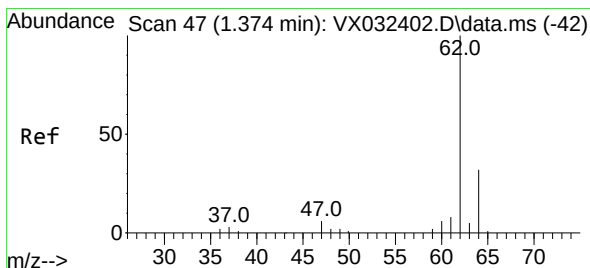
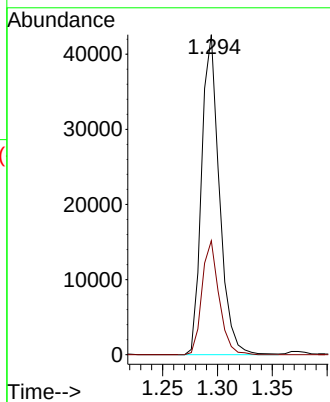
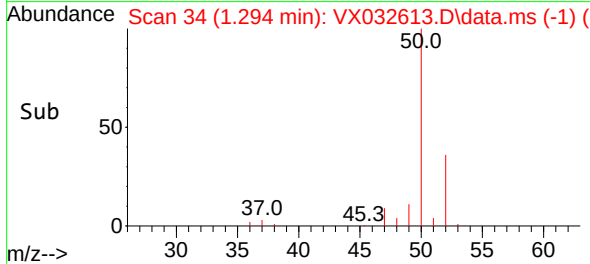
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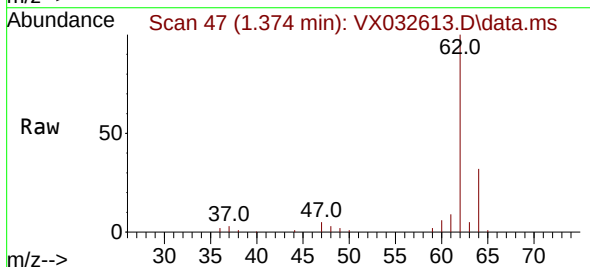
Tgt Ion: 50 Resp: 47839
Ion Ratio Lower Upper
50 100
52 35.6 25.4 38.2

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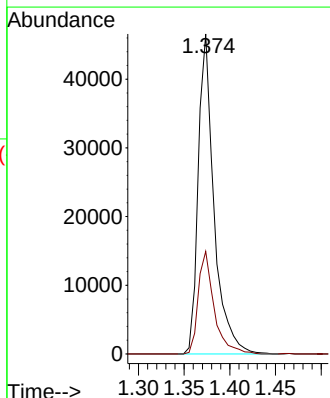
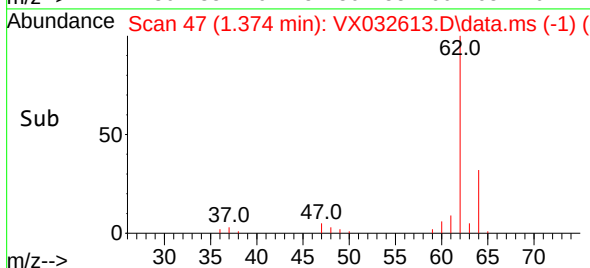
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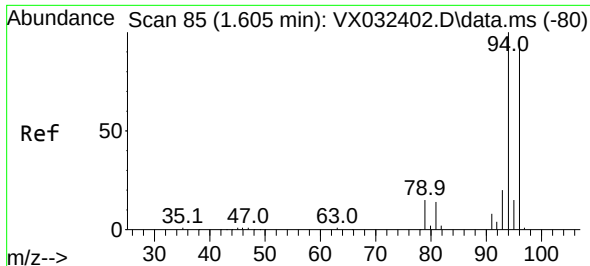


#4
Vinyl Chloride
Concen: 49.468 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16



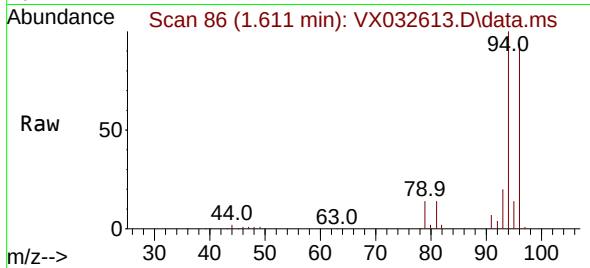
Tgt Ion: 62 Resp: 55734
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.6





#5
Bromomethane
Concen: 48.012 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

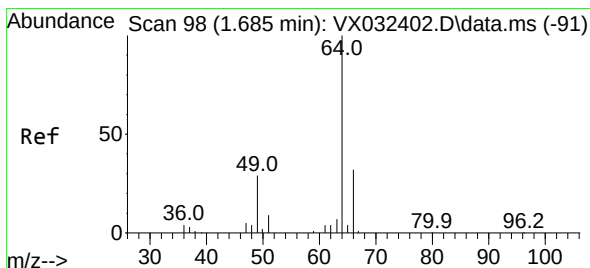
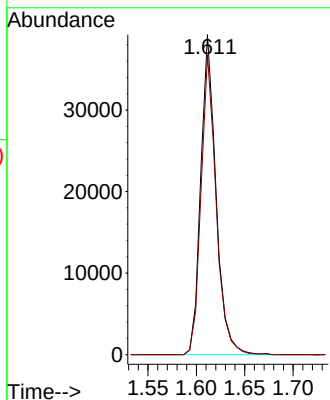
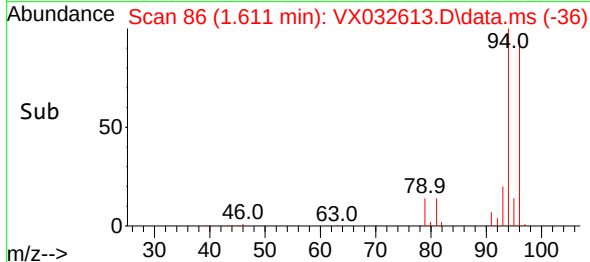
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 43229
Ion Ratio Lower Upper
94 100
96 93.7 77.6 116.4

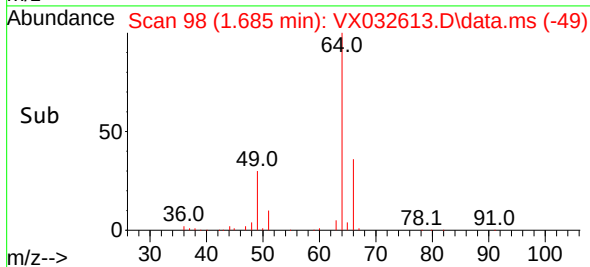
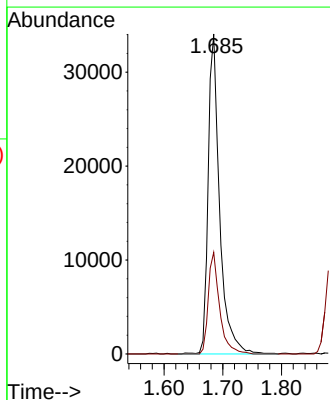
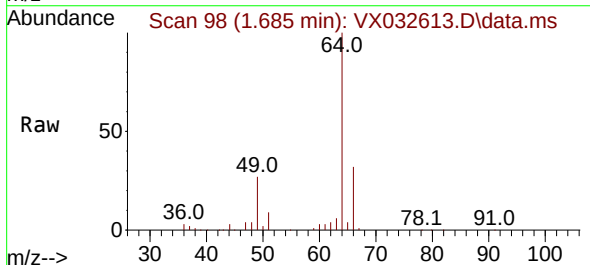
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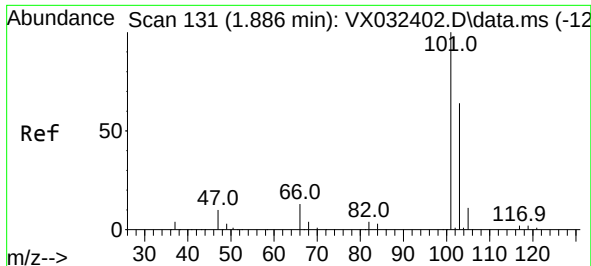
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#6
Chloroethane
Concen: 61.079 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

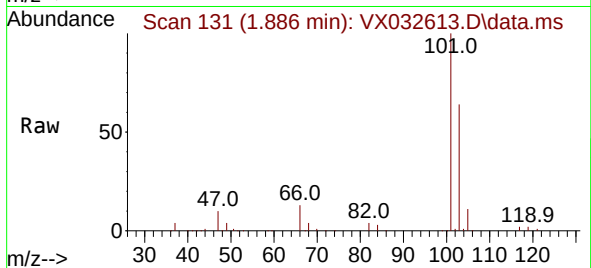
Tgt Ion: 64 Resp: 46166
Ion Ratio Lower Upper
64 100
66 31.8 26.0 39.0





#7
Trichlorofluoromethane
Concen: 51.503 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

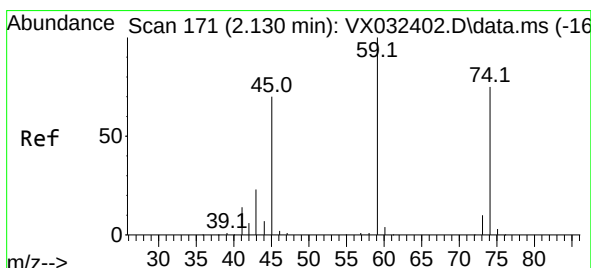
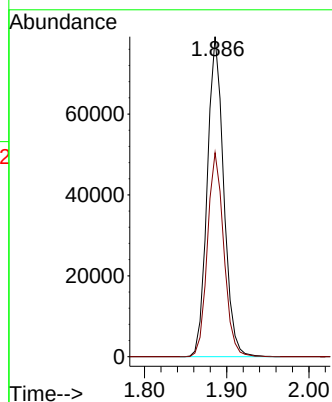
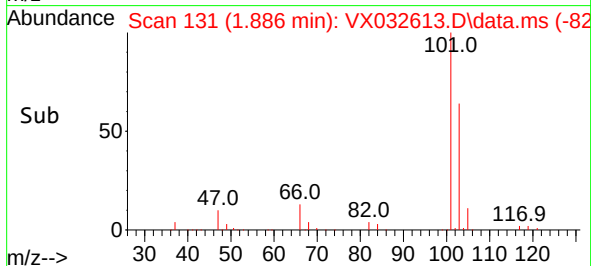
Instrument :
MSVOA_X
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Tgt Ion:101 Resp: 109949
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.2

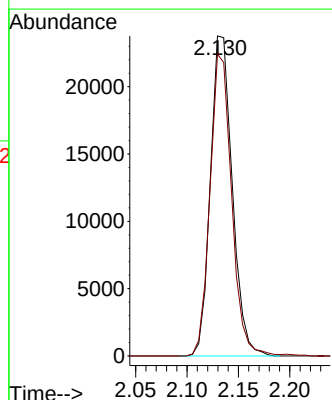
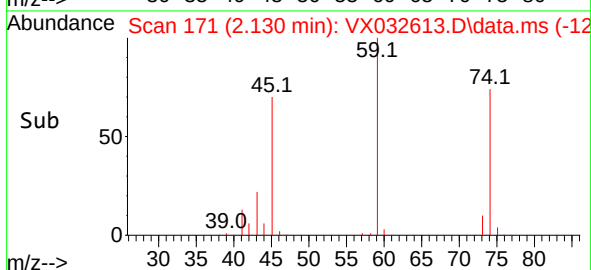
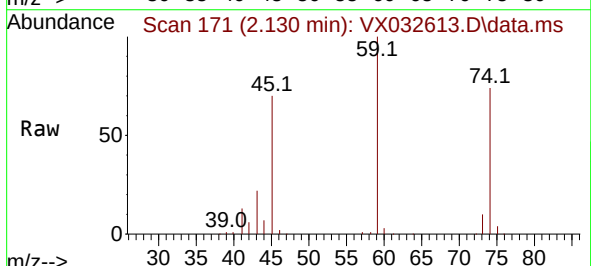
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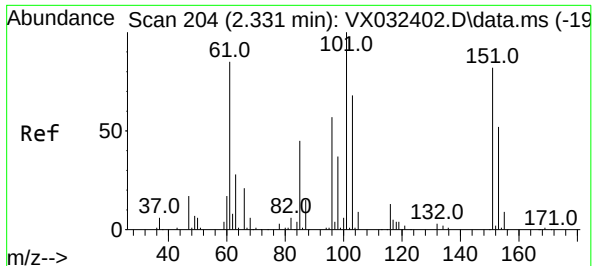
Reviewed By :John Carlone 11/07/2022
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#8
Diethyl Ether
Concen: 50.886 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Tgt Ion: 74 Resp: 35203
Ion Ratio Lower Upper
74 100
45 93.6 46.6 139.7





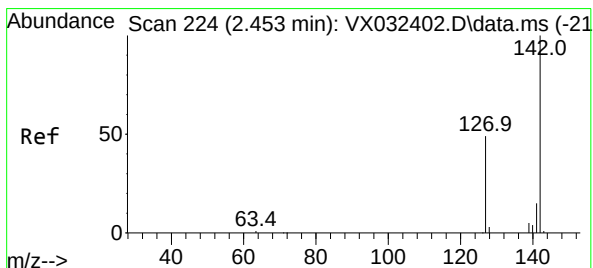
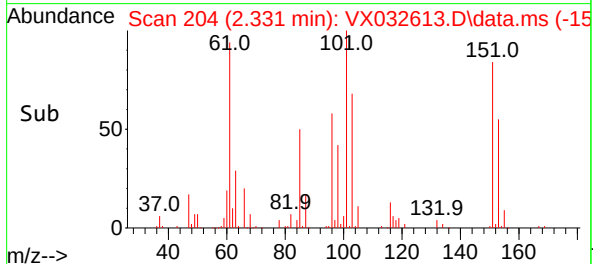
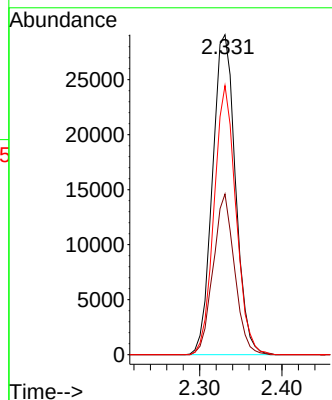
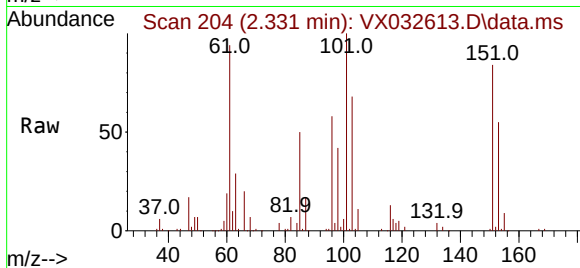
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.178 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Instrument :
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VSTDCCC050EC

Tgt Ion:101 Resp: 56538
Ion Ratio Lower Upper
101 100
85 46.7 37.0 55.4
151 80.2 64.4 96.6

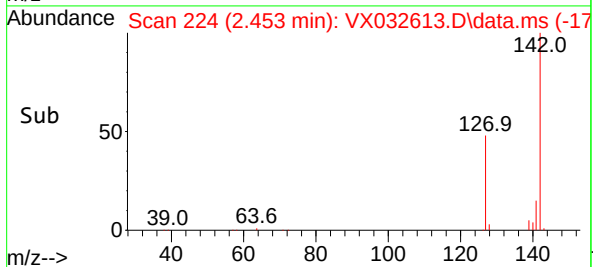
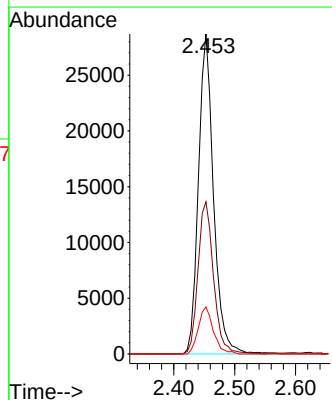
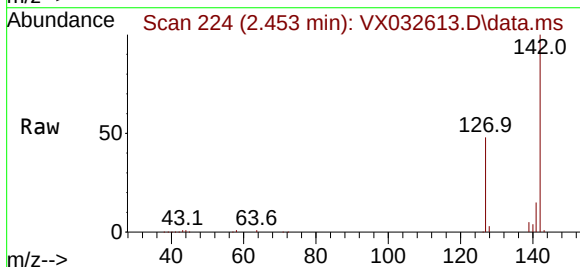
Manual Integrations
APPROVED

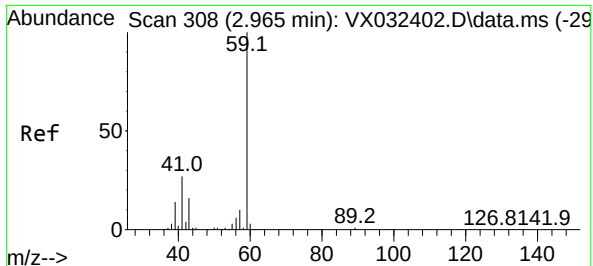
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#10
Methyl Iodide
Concen: 39.783 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Tgt Ion:142 Resp: 49348
Ion Ratio Lower Upper
142 100
127 49.0 38.6 57.8
141 14.7 11.4 17.2





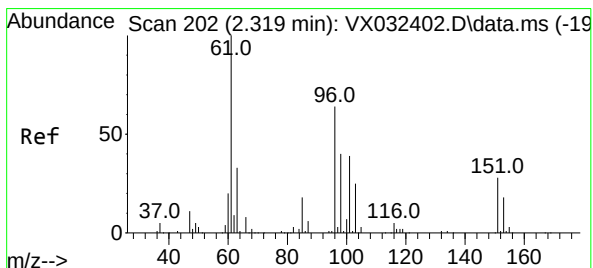
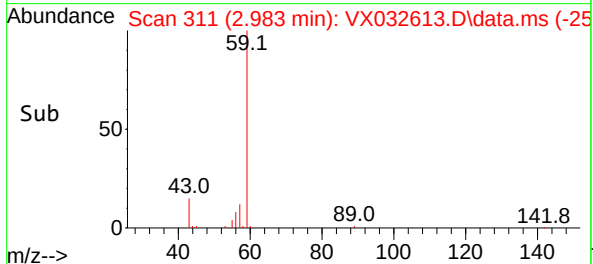
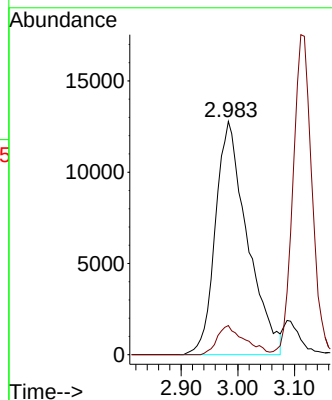
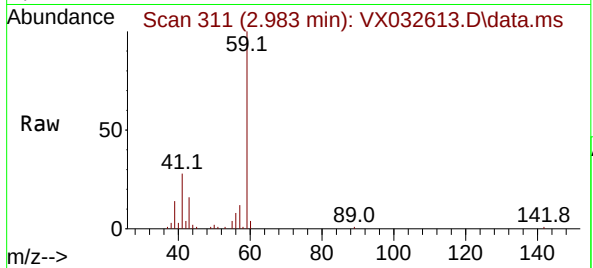
#11
Tert butyl alcohol
Concen: 235.019 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.018 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 4988
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4

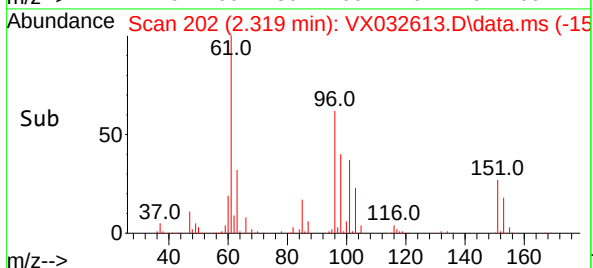
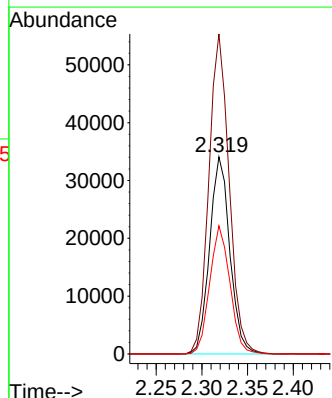
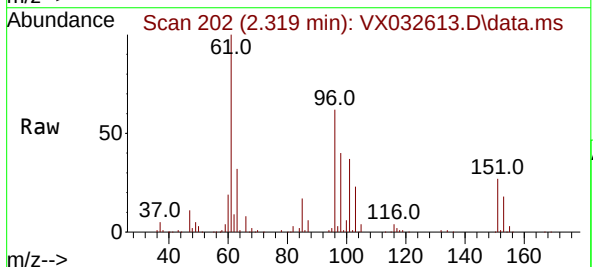
Manual Integrations
APPROVED

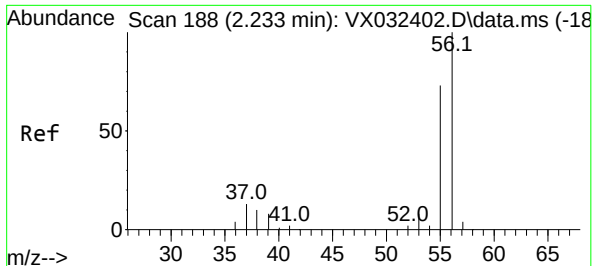
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#12
1,1-Dichloroethene
Concen: 49.930 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

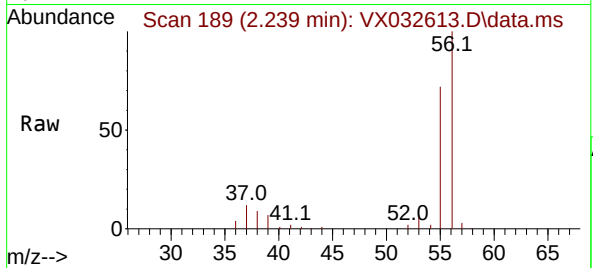
Tgt Ion: 96 Resp: 52555
Ion Ratio Lower Upper
96 100
61 162.4 125.1 187.7
98 65.1 50.6 76.0





#13
Acrolein
Concen: 292.067 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

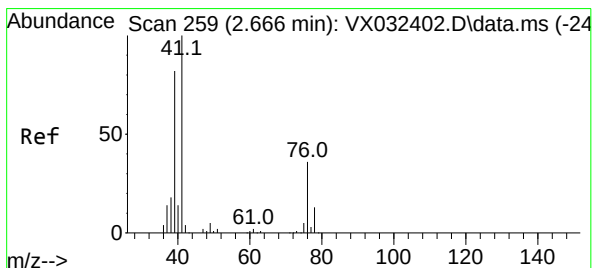
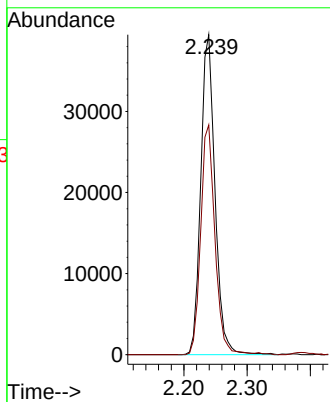
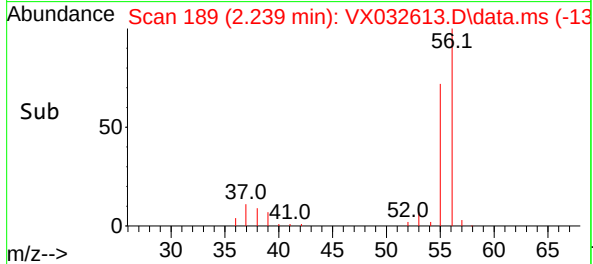
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 6188
Ion Ratio Lower Upper
56 100
55 71.6 56.9 85.3

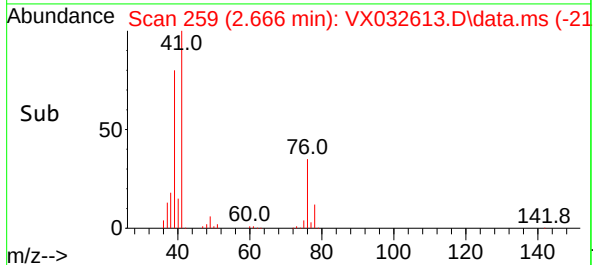
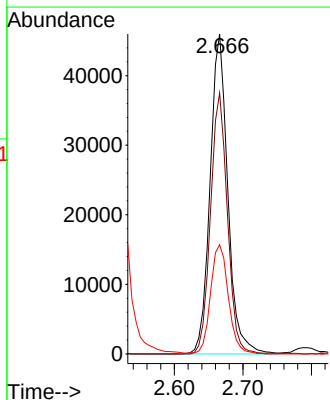
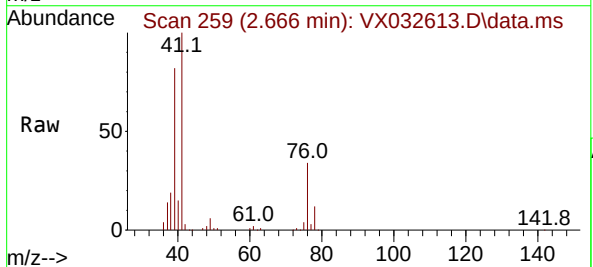
Manual Integrations
APPROVED

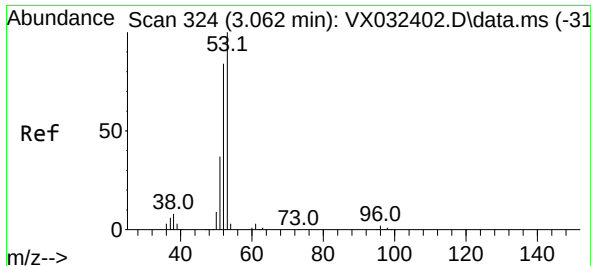
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#14
Allyl chloride
Concen: 49.186 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

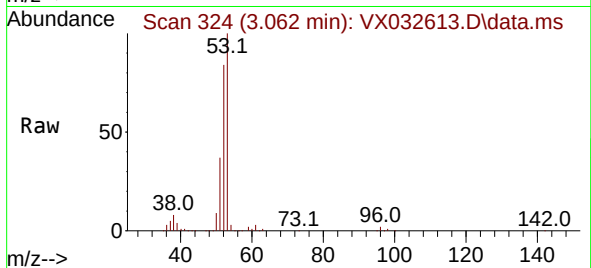
Tgt Ion: 41 Resp: 82527
Ion Ratio Lower Upper
41 100
39 77.5 61.4 92.2
76 34.2 29.2 43.8





#15
Acrylonitrile
Concen: 245.432 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

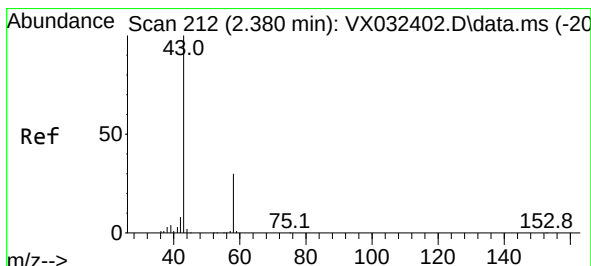
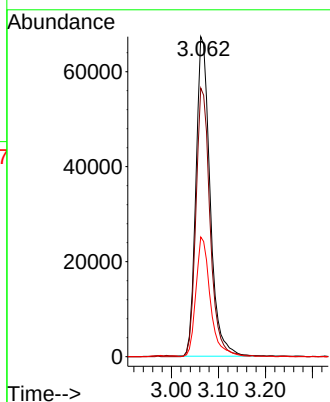
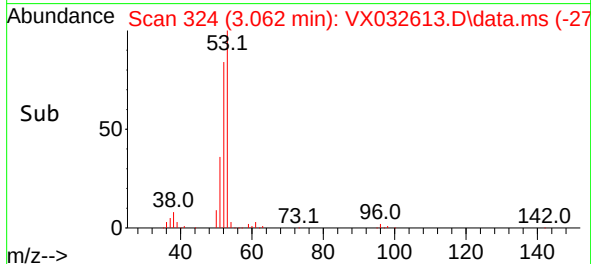
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



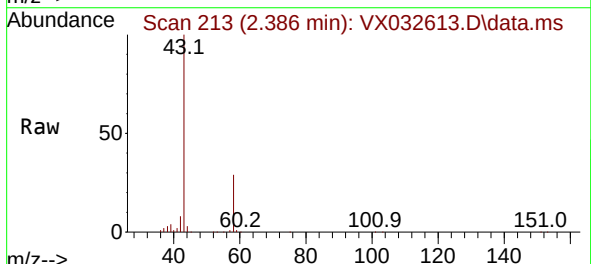
Tgt Ion: 53 Resp: 14138
Ion Ratio Lower Upper
53 100
52 84.0 67.4 101.0
51 37.6 30.3 45.5

Manual Integrations
APPROVED

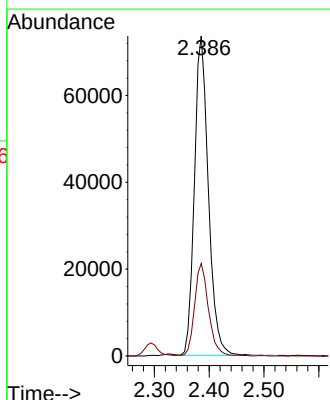
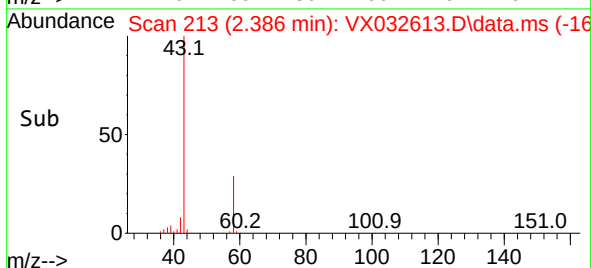
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

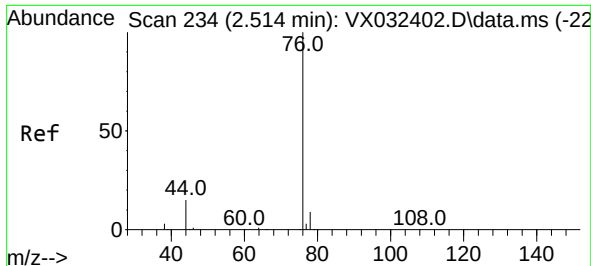


#16
Acetone
Concen: 246.790 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16



Tgt Ion: 43 Resp: 130808
Ion Ratio Lower Upper
43 100
58 29.0 23.8 35.8





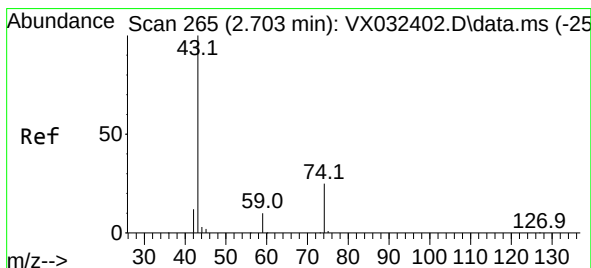
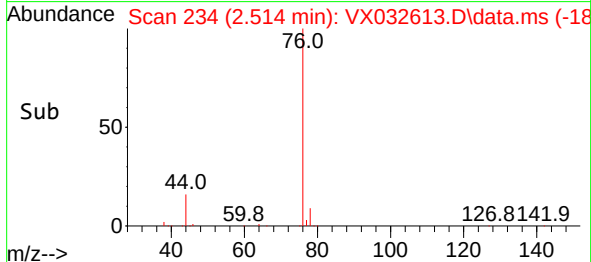
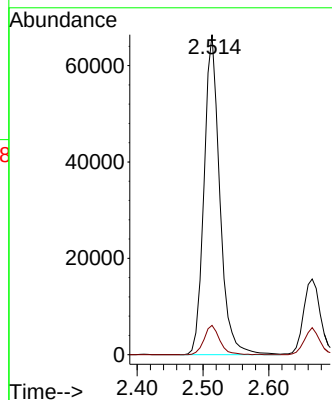
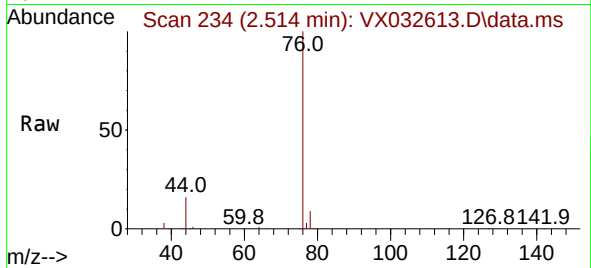
#17
Carbon Disulfide
Concen: 44.102 ug/l
RT: 2.514 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 11056
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

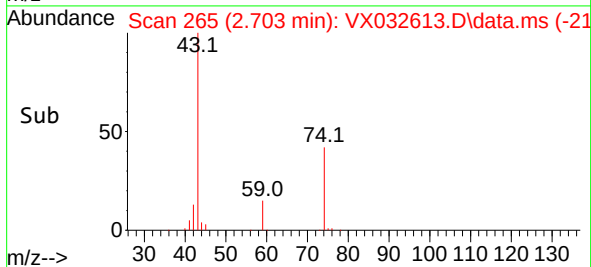
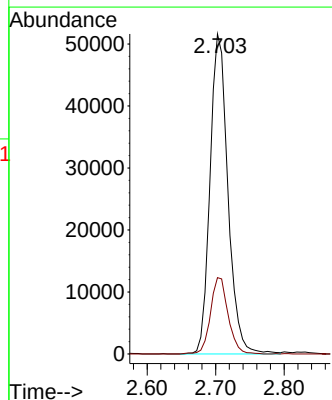
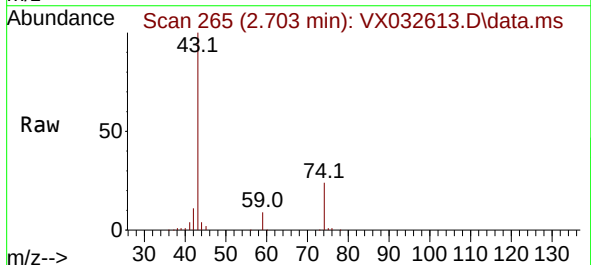
Manual Integrations
APPROVED

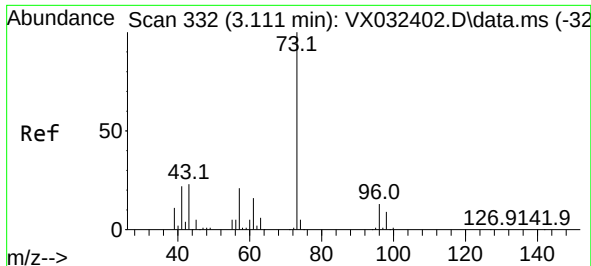
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#18
Methyl Acetate
Concen: 54.457 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Tgt Ion: 43 Resp: 93863
Ion Ratio Lower Upper
43 100
74 23.5 19.4 29.0





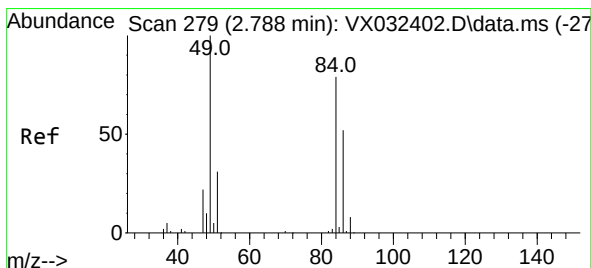
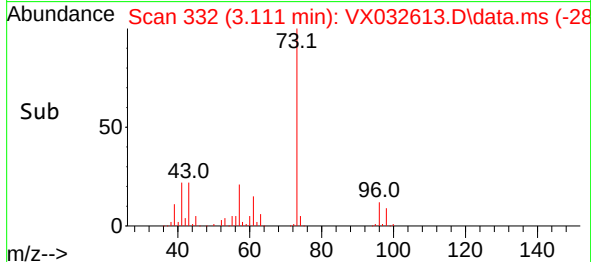
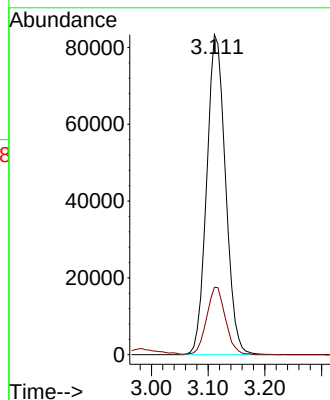
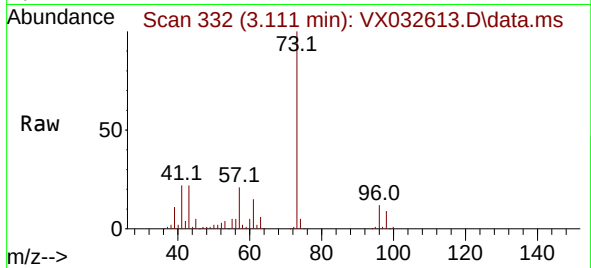
#19
Methyl tert-butyl Ether
Concen: 51.907 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 192020
Ion Ratio Lower Upper
73 100
57 21.0 16.6 25.0

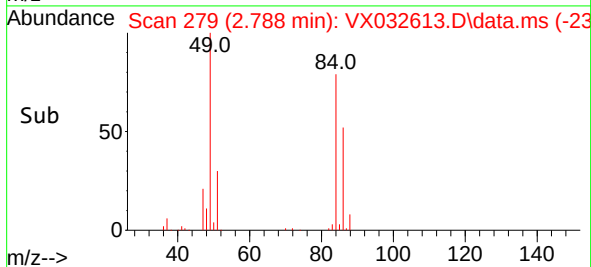
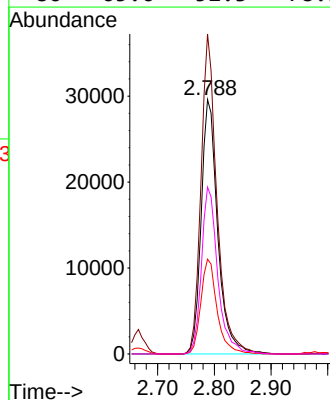
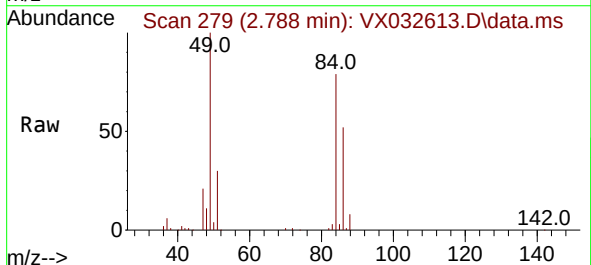
Manual Integrations
APPROVED

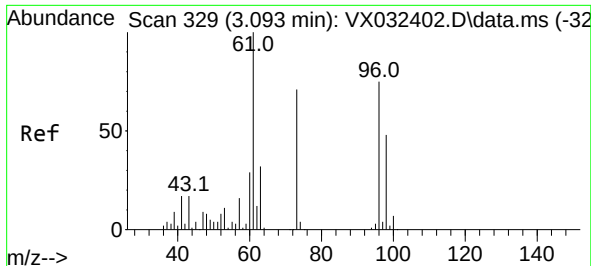
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#20
Methylene Chloride
Concen: 49.415 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

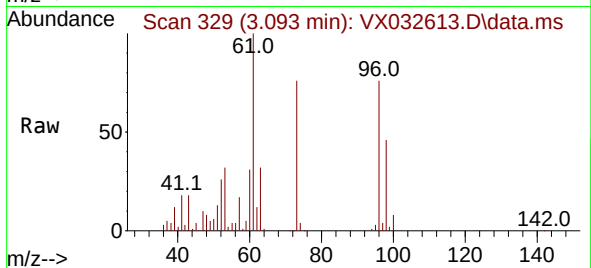
Tgt Ion: 84 Resp: 60053
Ion Ratio Lower Upper
84 100
49 125.8 101.0 151.6
51 37.3 31.1 46.7
86 65.6 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 49.774 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

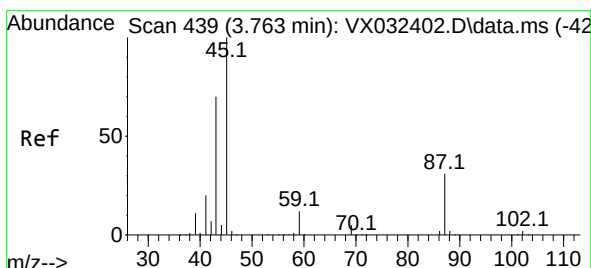
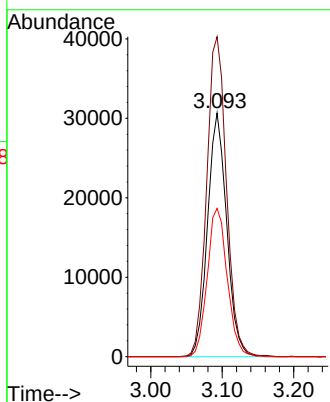
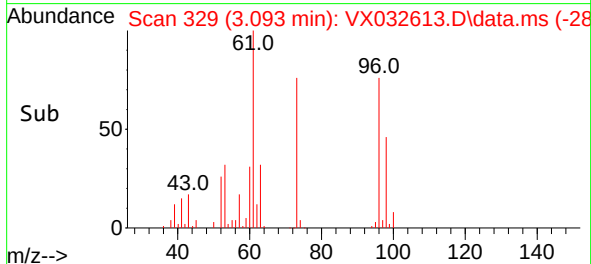
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 5702
Ion Ratio Lower Upper
96 100
61 131.3 106.6 160.0
98 60.9 51.0 76.6

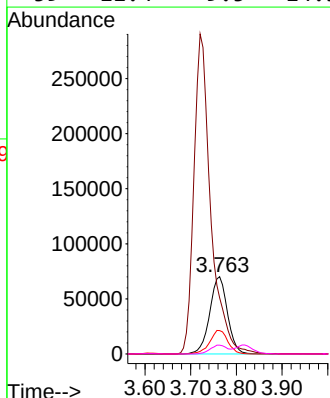
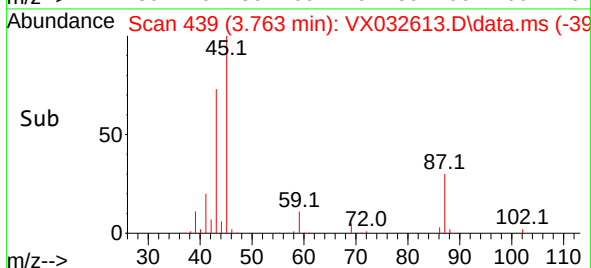
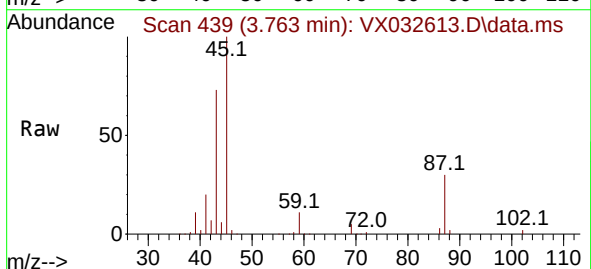
Manual Integrations
APPROVED

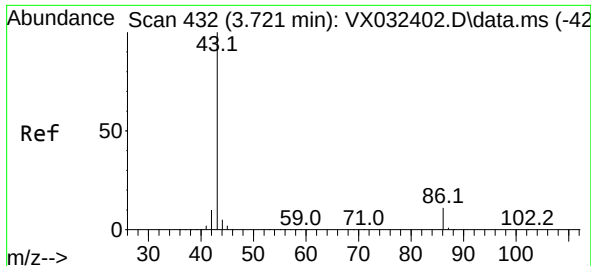
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#22
Diisopropyl ether
Concen: 52.114 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Tgt Ion: 45 Resp: 189133
Ion Ratio Lower Upper
45 100
43 72.5 56.4 84.6
87 30.3 24.4 36.6
59 11.4 9.5 14.3





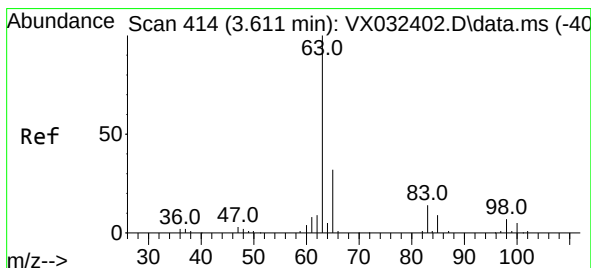
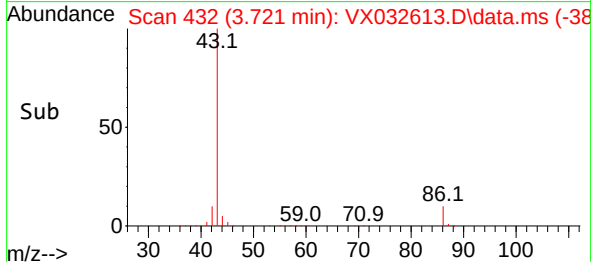
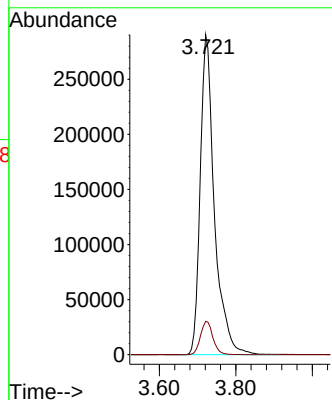
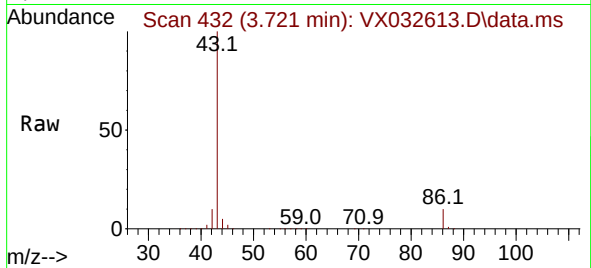
#23
 Vinyl Acetate
 Concen: 254.386 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX032613.D
 Acq: 05 Nov 2022 08:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 74589
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.6 12.8

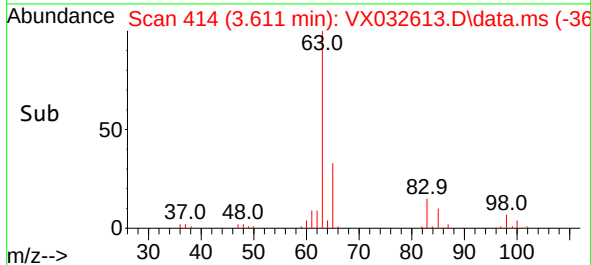
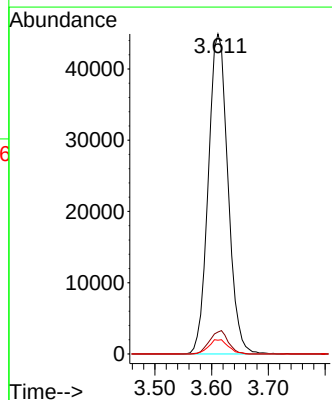
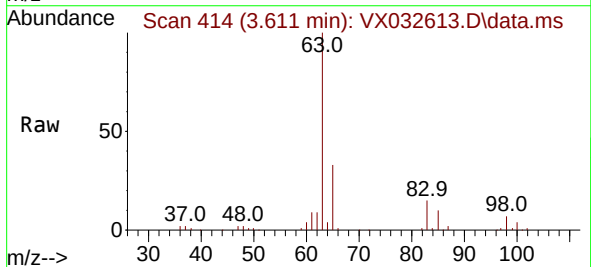
Manual Integrations
 APPROVED

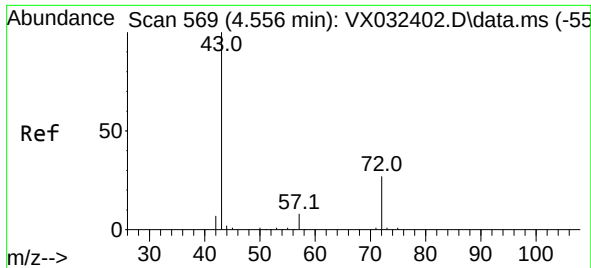
Reviewed By :John Carlone 11/07/2022
 Supervised By :Mahesh Dadoda 11/07/2022



#24
 1,1-Dichloroethane
 Concen: 51.668 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX032613.D
 Acq: 05 Nov 2022 08:16

Tgt Ion: 63 Resp: 107859
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 4.3 2.3 6.8





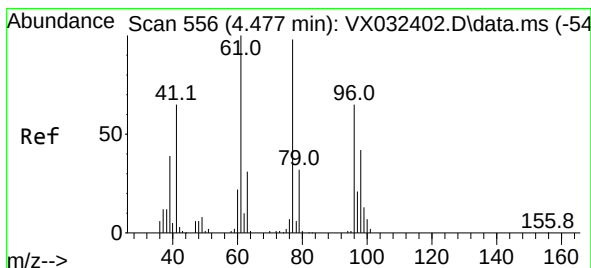
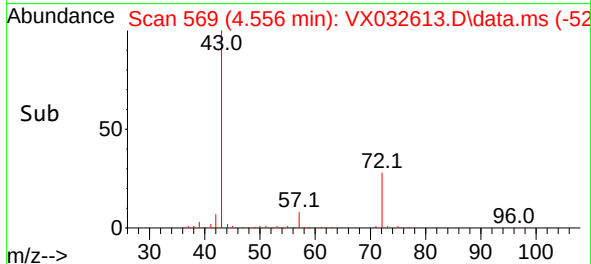
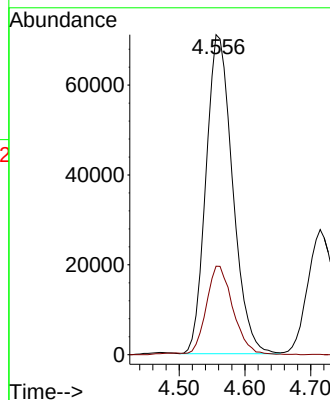
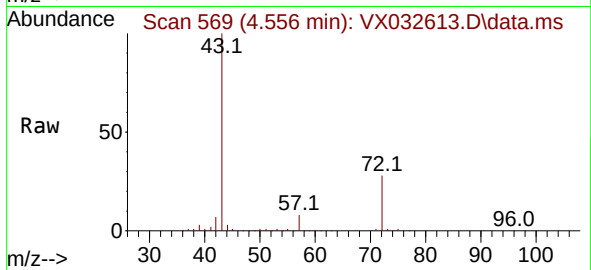
#25
2-Butanone
Concen: 243.795 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 200199
Ion Ratio Lower Upper
43 100
72 27.5 22.2 33.2

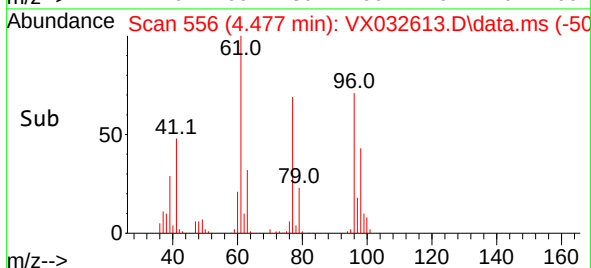
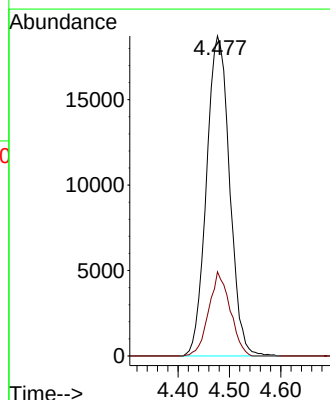
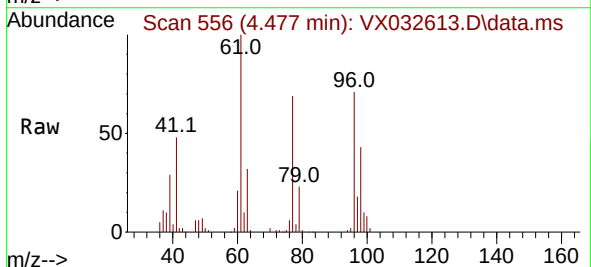
Manual Integrations
APPROVED

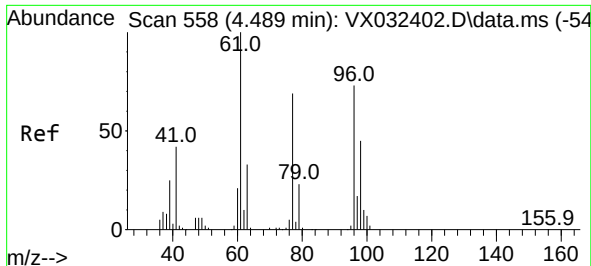
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#26
2,2-Dichloropropane
Concen: 35.262 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Tgt Ion: 77 Resp: 58514
Ion Ratio Lower Upper
77 100
97 24.3 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 52.274 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX032613.D

Acq: 05 Nov 2022 08:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 69228

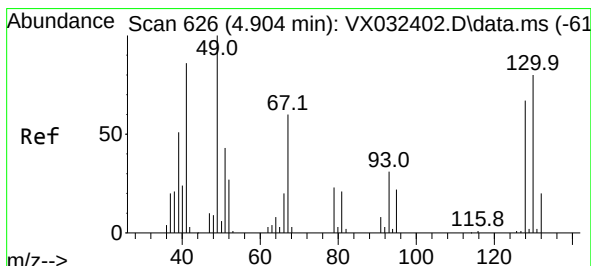
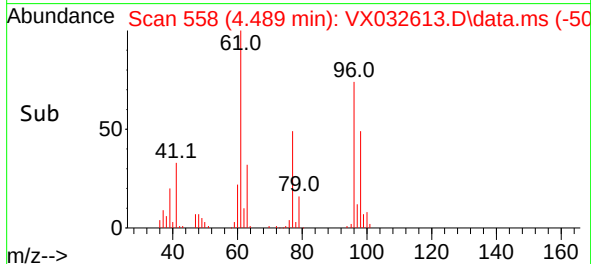
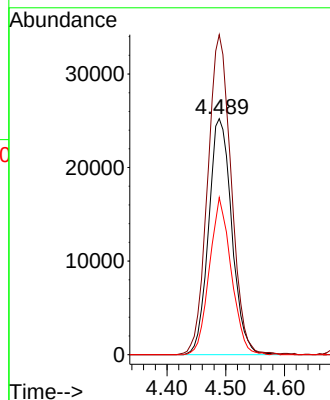
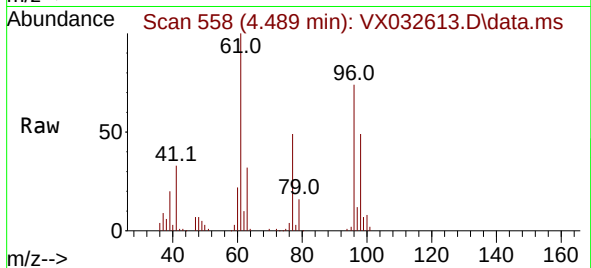
Ion	Ratio	Lower	Upper
96	100		
61	137.5	0.0	286.0
98	62.5	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#28

Bromochloromethane

Concen: 47.626 ug/l

RT: 4.903 min Scan# 626

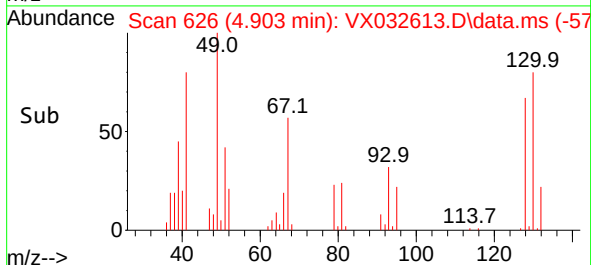
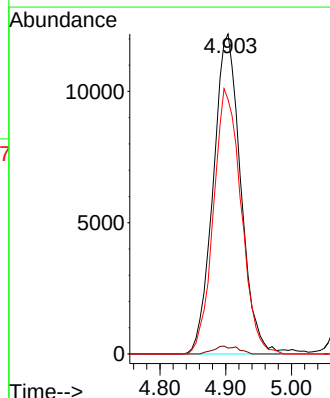
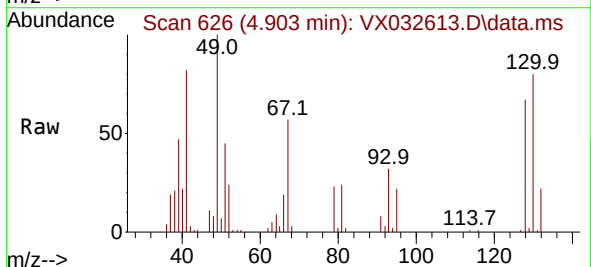
Delta R.T. -0.000 min

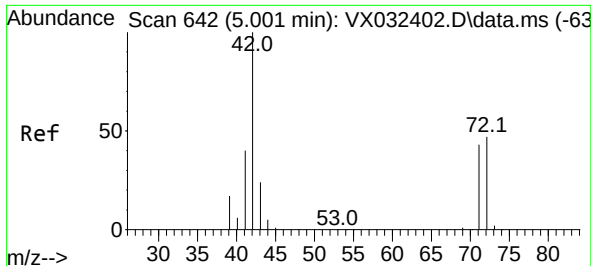
Lab File: VX032613.D

Acq: 05 Nov 2022 08:16

Tgt Ion: 49 Resp: 35413

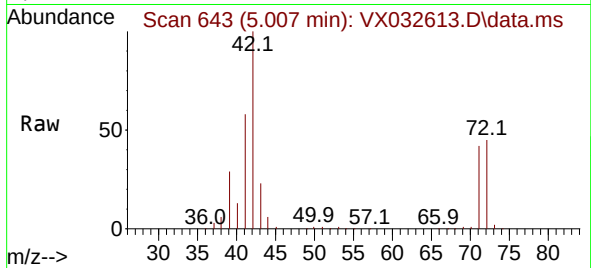
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.8
130	83.5	67.5	101.3





#29
Tetrahydrofuran
Concen: 244.342 ug/l
RT: 5.007 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

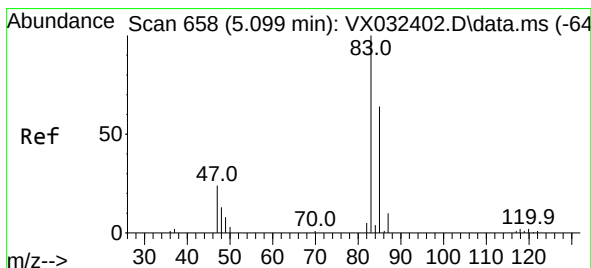
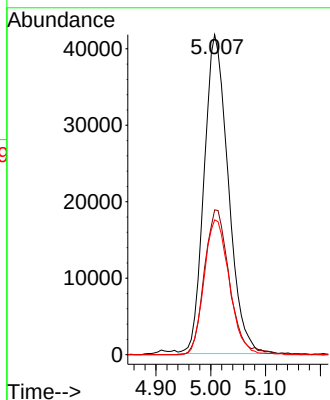
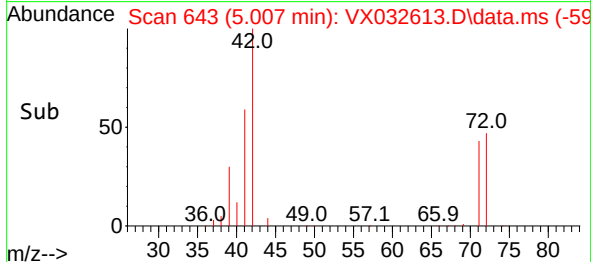
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 127940
Ion Ratio Lower Upper
42 100
72 47.2 37.6 56.4
71 44.2 34.7 52.1

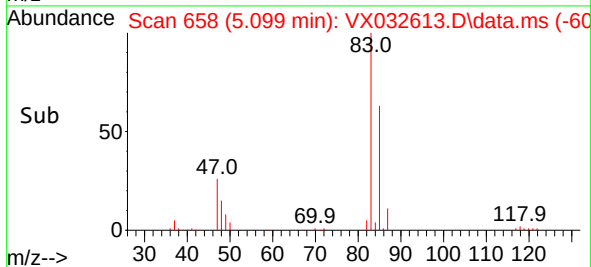
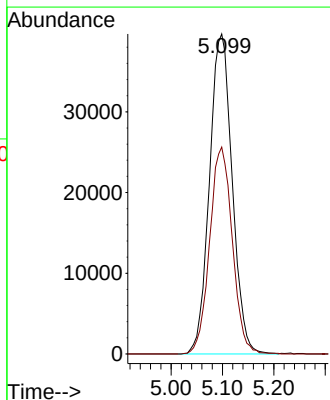
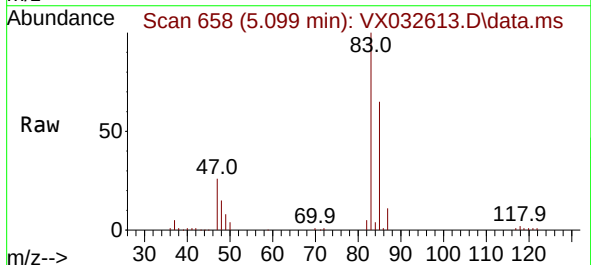
Manual Integrations
APPROVED

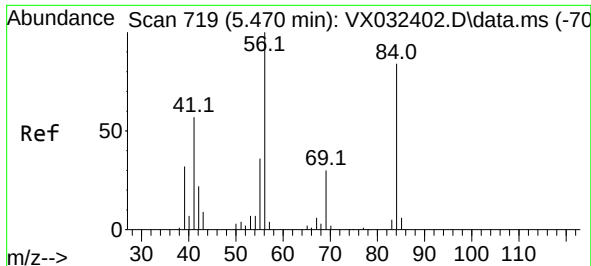
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#30
Chloroform
Concen: 53.185 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

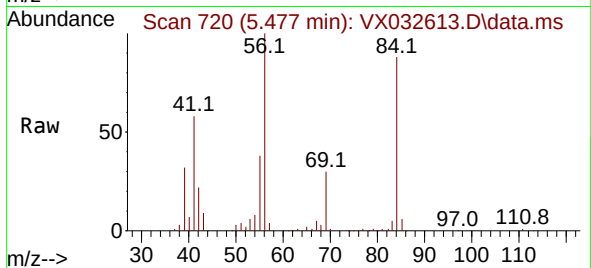
Tgt Ion: 83 Resp: 121826
Ion Ratio Lower Upper
83 100
85 64.6 51.1 76.7





#31
Cyclohexane
Concen: 49.634 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

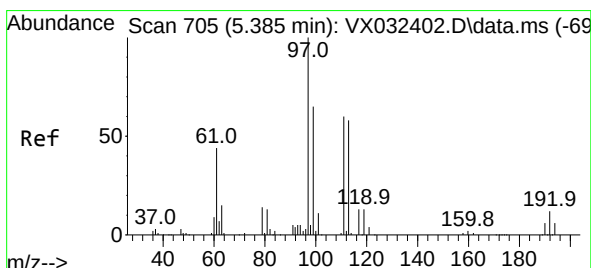
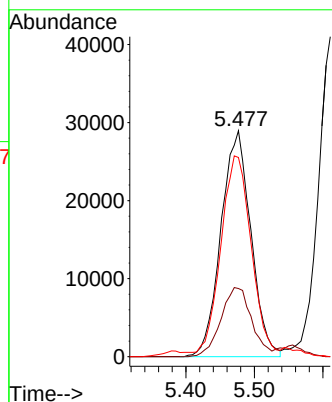
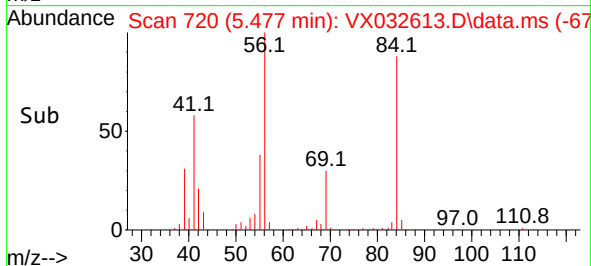
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 8776
Ion Ratio Lower Upper
56 100
69 30.2 24.1 36.1
84 86.3 66.9 100.3

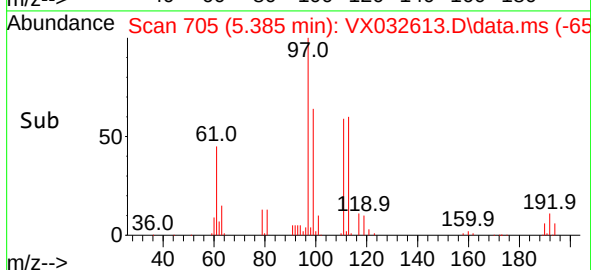
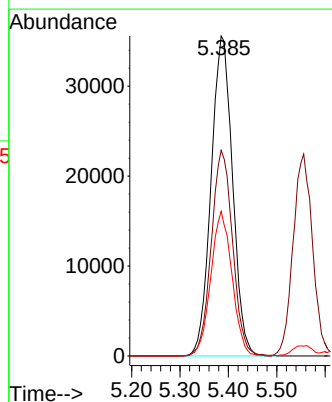
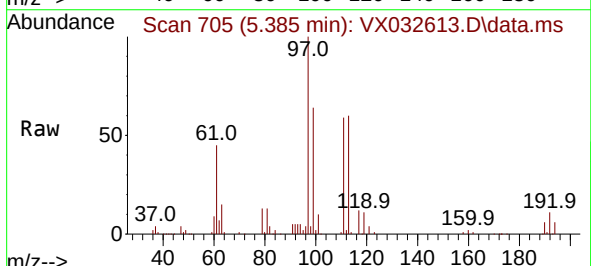
Manual Integrations
APPROVED

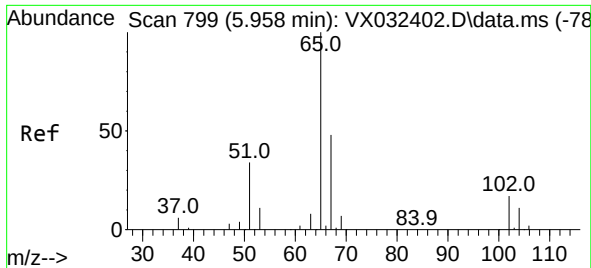
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#32
1,1,1-Trichloroethane
Concen: 53.316 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Tgt Ion: 97 Resp: 109593
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.0
61 44.7 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.515 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032613.D

Acq: 05 Nov 2022 08:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 76584

Ion Ratio Lower Upper

65 100

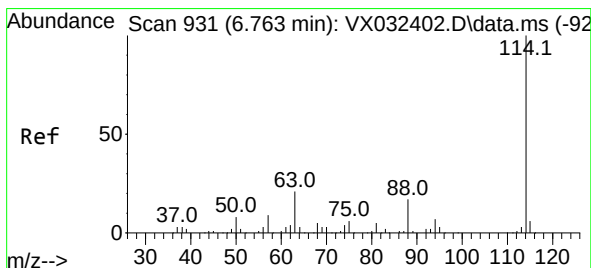
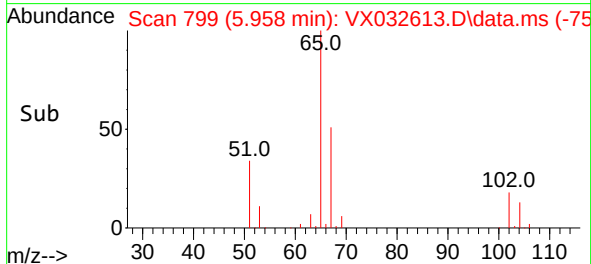
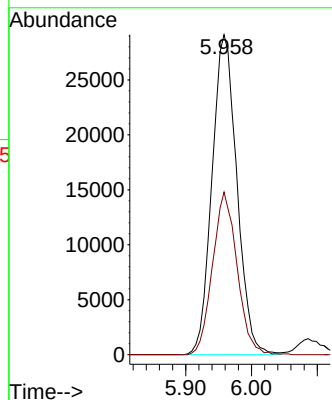
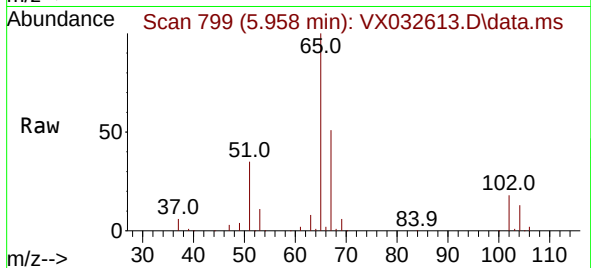
67 50.1 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032613.D

Acq: 05 Nov 2022 08:16

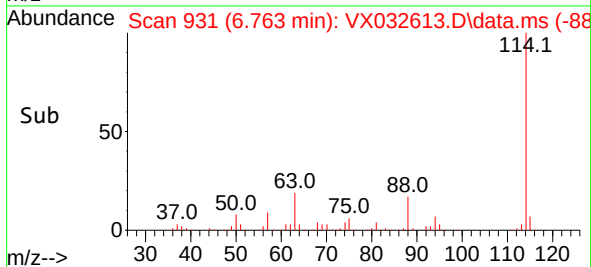
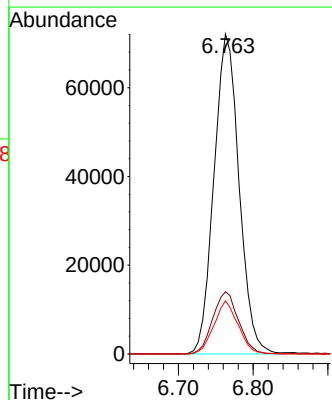
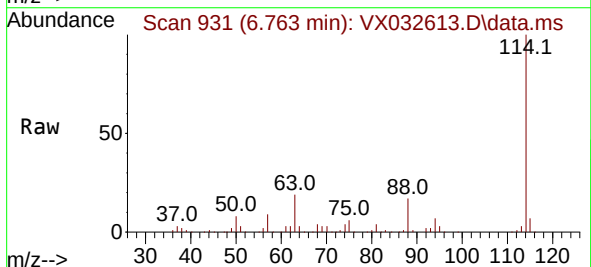
Tgt Ion:114 Resp: 168342

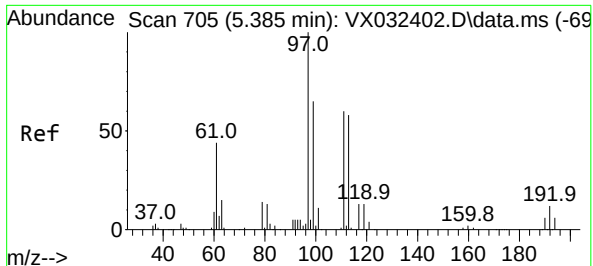
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.6

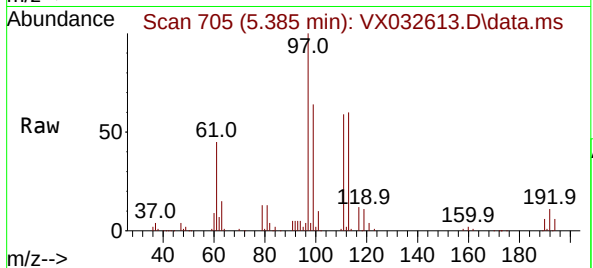
88 16.6 0.0 33.4





#35
Dibromofluoromethane
Concen: 51.468 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

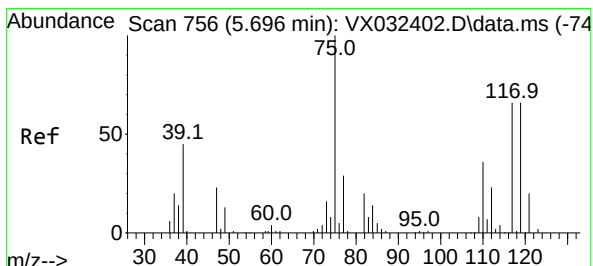
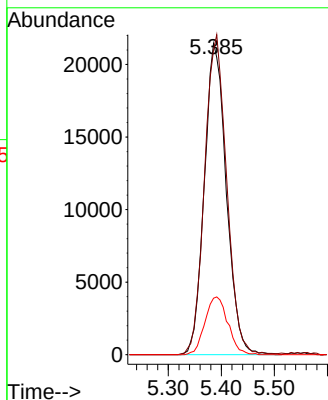
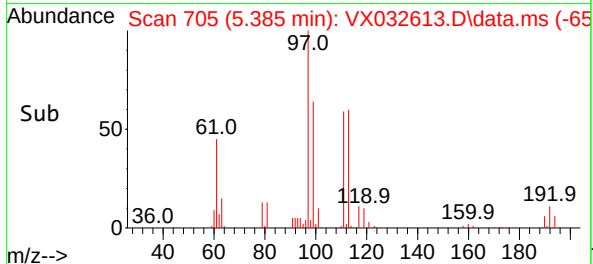
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



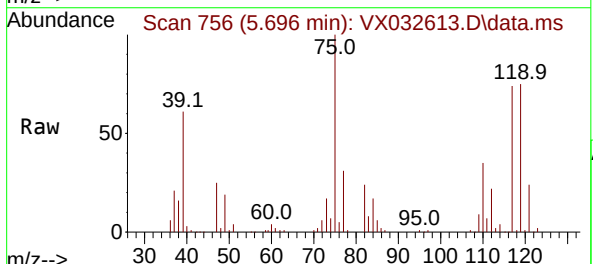
Tgt Ion:113 Resp: 6180
Ion Ratio Lower Upper
113 100
111 103.3 82.4 123.6
192 19.3 15.4 23.2

Manual Integrations
APPROVED

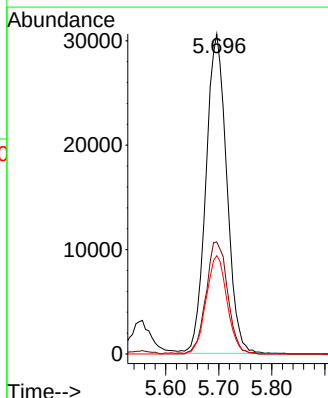
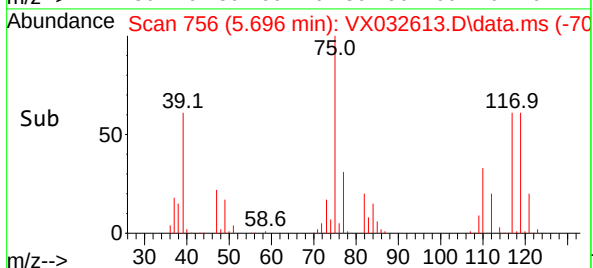
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

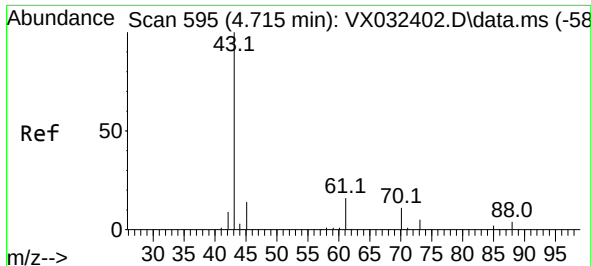


#36
1,1-Dichloropropene
Concen: 49.744 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16



Tgt Ion: 75 Resp: 83180
Ion Ratio Lower Upper
75 100
110 36.5 18.4 55.2
77 31.1 24.5 36.7





#37

Ethyl Acetate

Concen: 46.817 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX032613.D

Acq: 05 Nov 2022 08:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

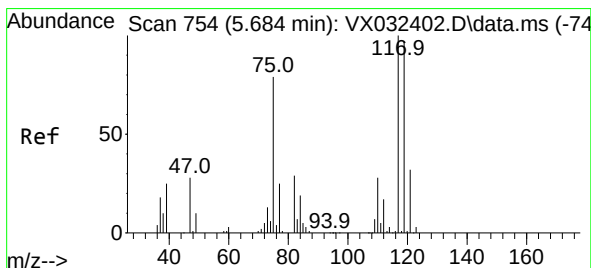
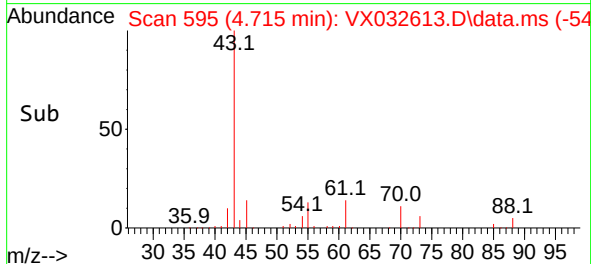
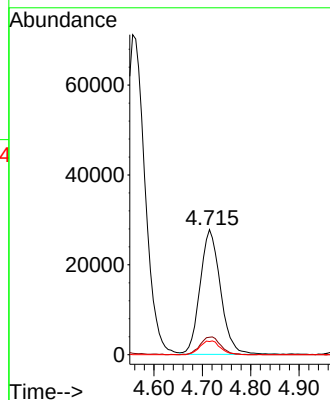
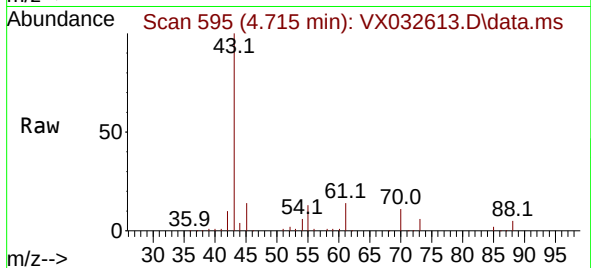
Tgt Ion:	43	Resp:	8148
Ion Ratio	Lower	Upper	
43	100		
61	14.3	11.5	17.3
70	11.0	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#38

Carbon Tetrachloride

Concen: 50.665 ug/l

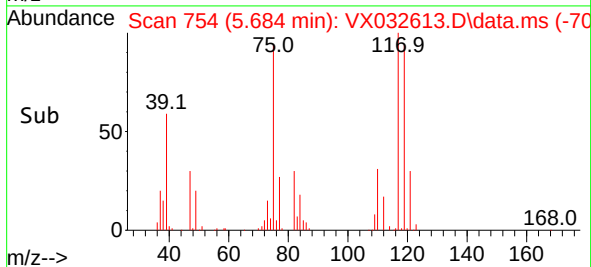
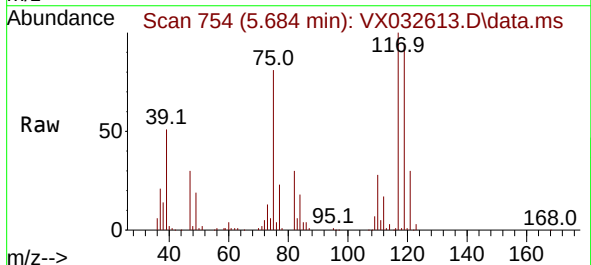
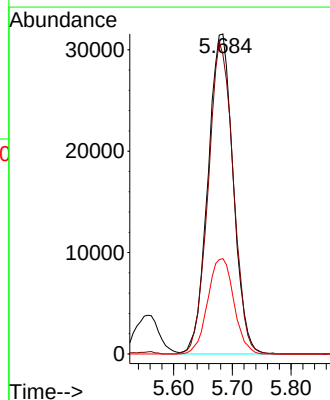
RT: 5.684 min Scan# 754

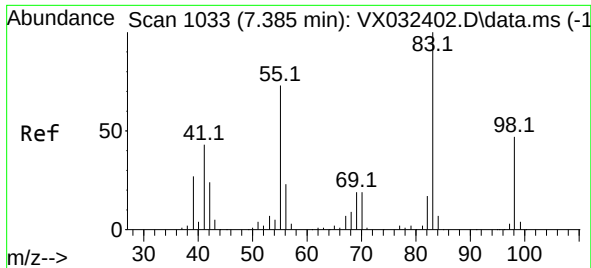
Delta R.T. -0.000 min

Lab File: VX032613.D

Acq: 05 Nov 2022 08:16

Tgt Ion:	117	Resp:	93967
Ion Ratio	Lower	Upper	
117	100		
119	93.5	77.2	115.8
121	29.8	25.8	38.6





#39
Methylcyclohexane
Concen: 46.642 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Instrument :

MSVOA_X

ClientSampleId :

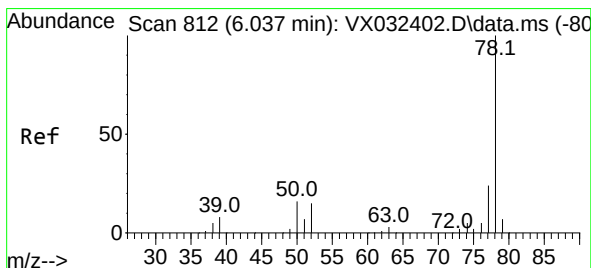
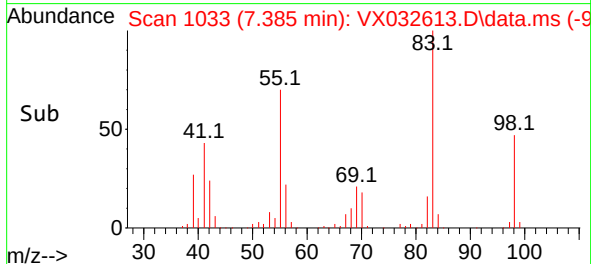
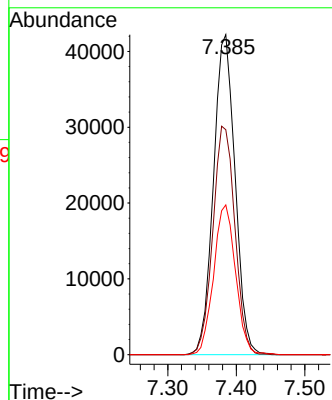
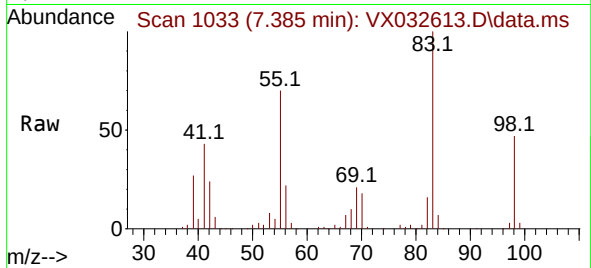
VSTDCCC050EC

Tgt Ion: 83 Resp: 92278
Ion Ratio Lower Upper
83 100
55 70.3 58.4 87.6
98 46.8 37.2 55.8

Manual Integrations

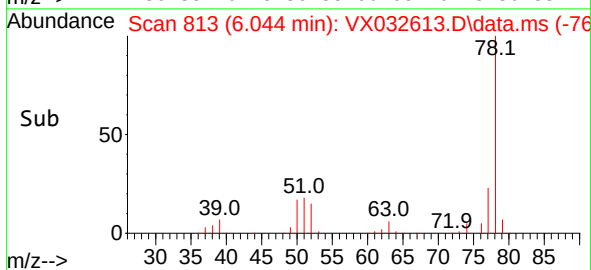
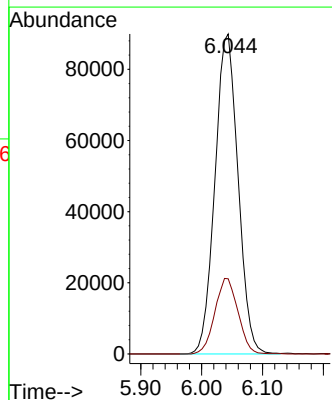
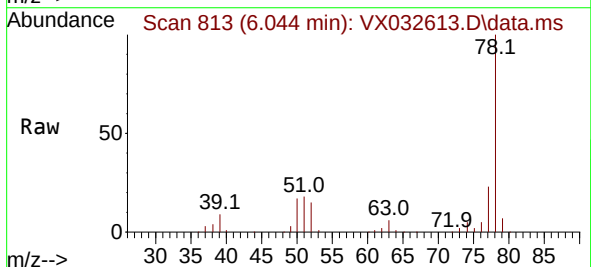
APPROVED

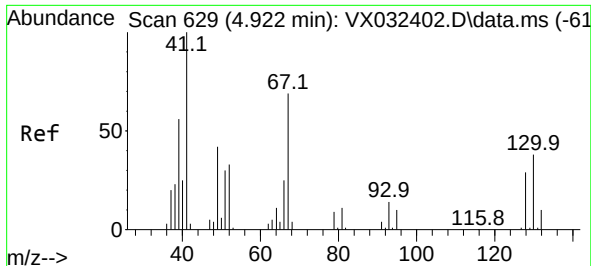
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#40
Benzene
Concen: 50.013 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Tgt Ion: 78 Resp: 236658
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4





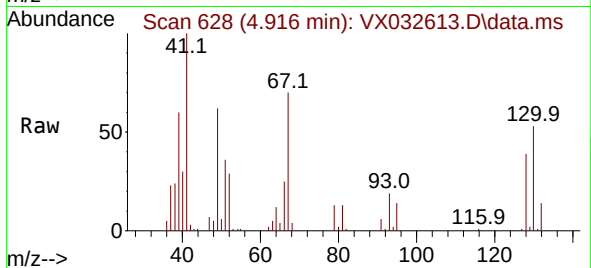
#41
Methacrylonitrile
Concen: 51.699 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



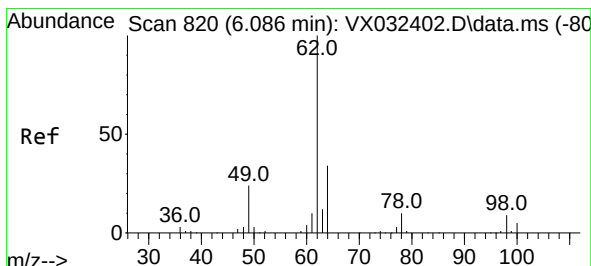
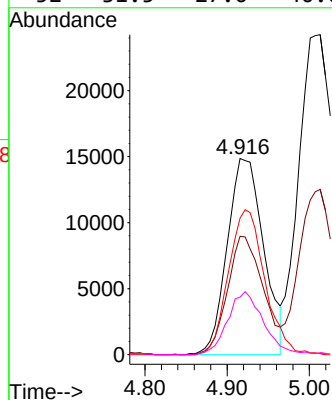
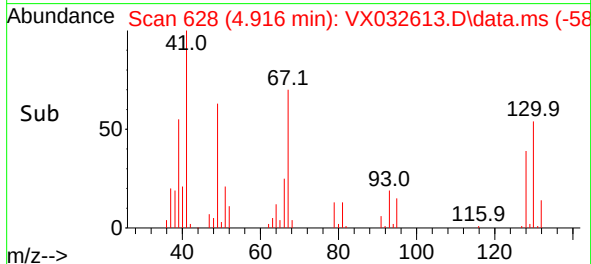
Tgt Ion: 41 Resp: 4584
Ion Ratio Lower Upper
41 100
39 59.0 47.5 71.3
67 73.7 60.5 90.7
52 31.5 27.0 40.6

Manual Integrations

APPROVED

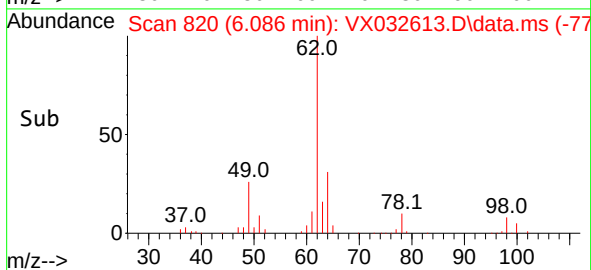
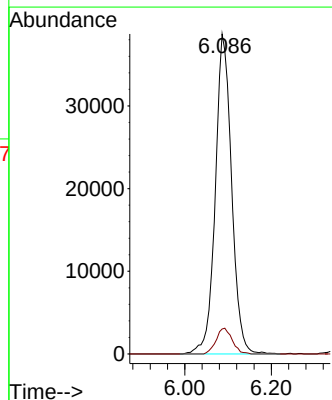
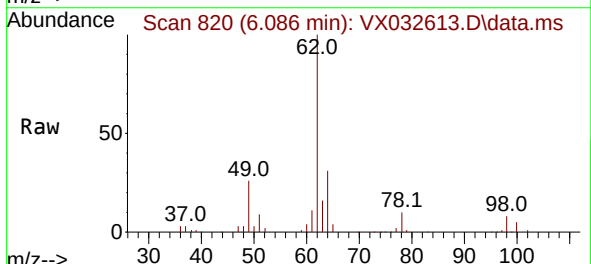
Reviewed By :John Carlone 11/07/2022

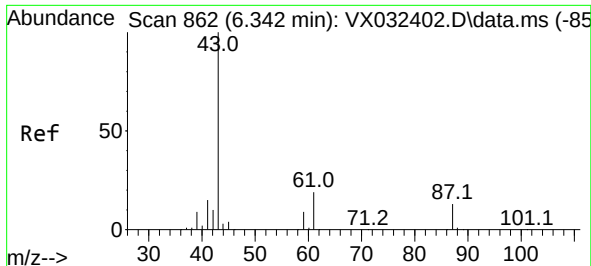
Supervised By :Mahesh Dadoda 11/07/2022



#42
1,2-Dichloroethane
Concen: 52.369 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

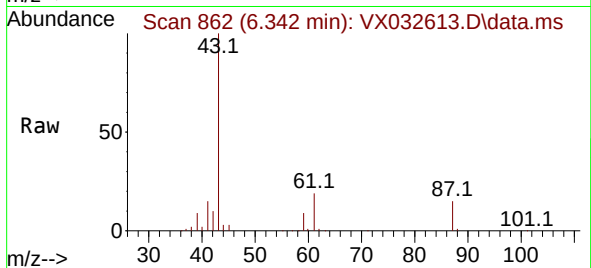
Tgt Ion: 62 Resp: 101299
Ion Ratio Lower Upper
62 100
98 7.9 0.0 16.0





#43
Isopropyl Acetate
Concen: 50.977 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

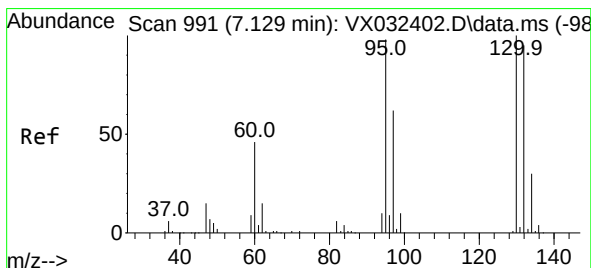
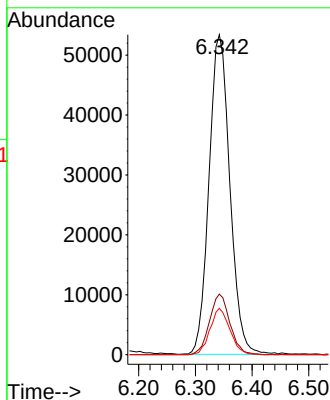
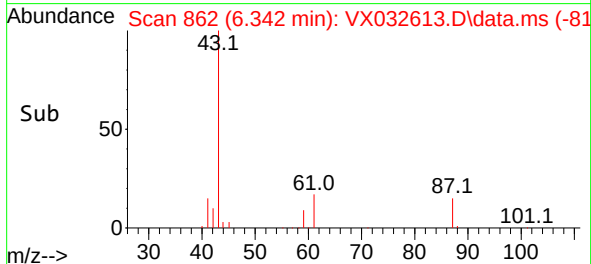
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 136235
Ion Ratio Lower Upper
43 100
61 18.5 15.4 23.0
87 13.8 10.8 16.2

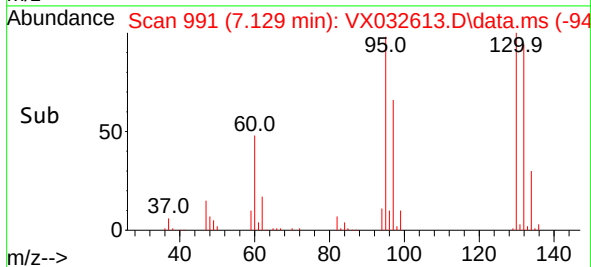
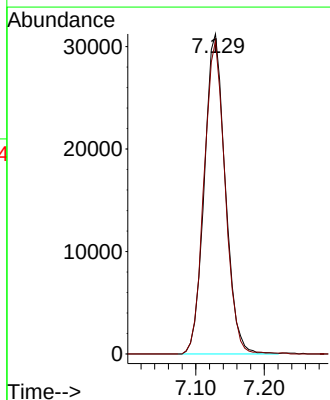
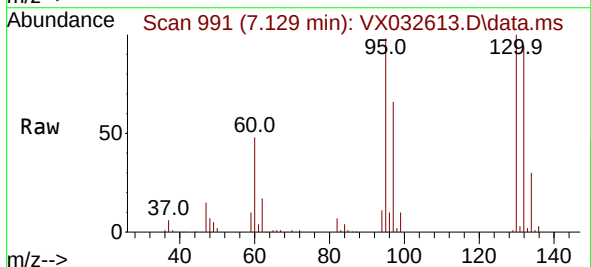
Manual Integrations
APPROVED

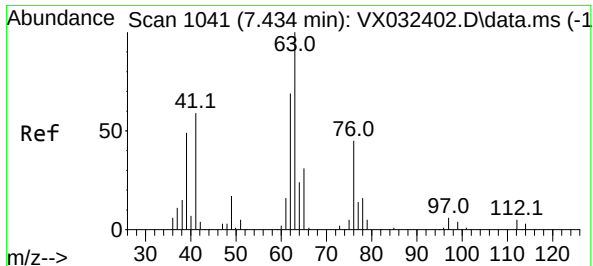
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#44
Trichloroethene
Concen: 49.774 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Tgt Ion:130 Resp: 66303
Ion Ratio Lower Upper
130 100
95 97.8 0.0 195.2





#45

1,2-Dichloropropane

Concen: 50.917 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX032613.D

Acq: 05 Nov 2022 08:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 61849

Ion Ratio Lower Upper

63 100

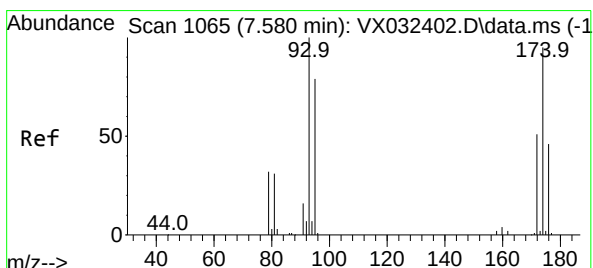
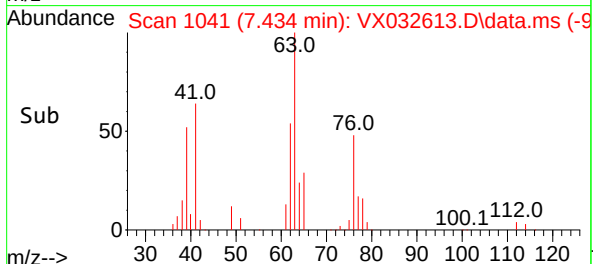
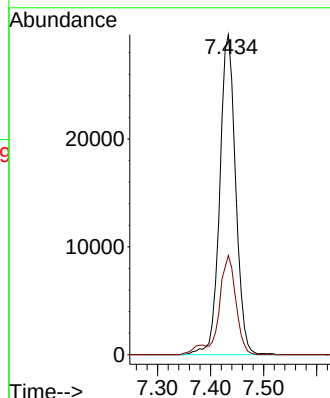
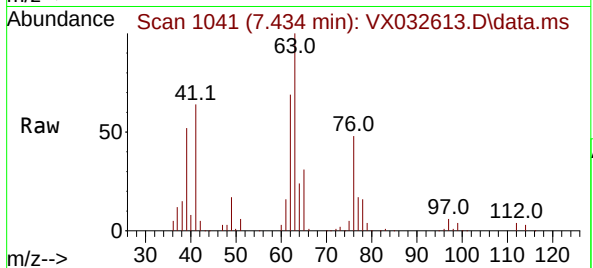
65 31.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#46

Dibromomethane

Concen: 51.016 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX032613.D

Acq: 05 Nov 2022 08:16

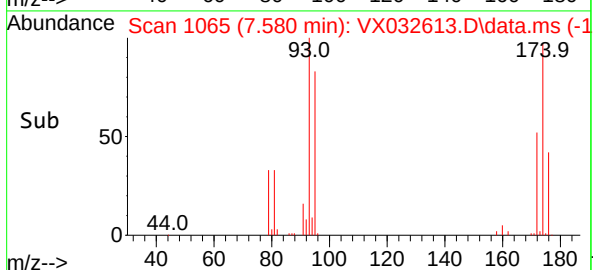
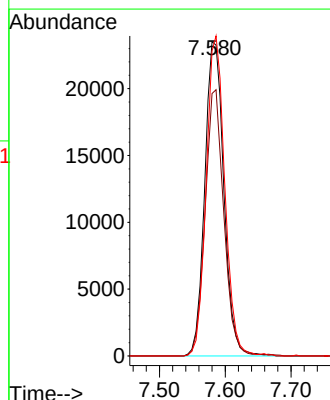
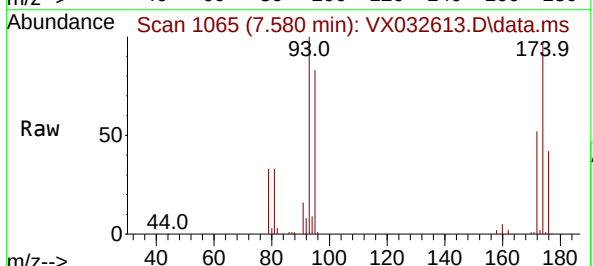
Tgt Ion: 93 Resp: 47525

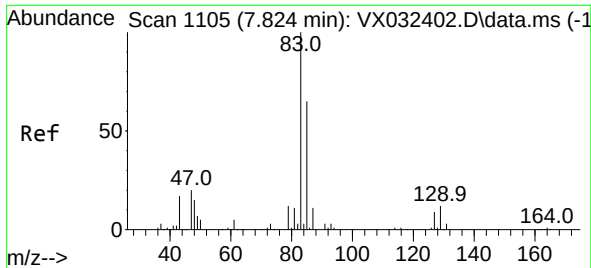
Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.8

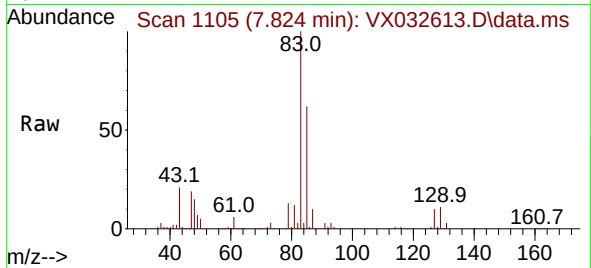
174 99.2 79.8 119.6





#47
Bromodichloromethane
Concen: 52.439 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

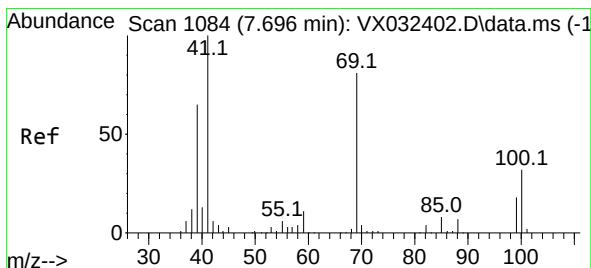
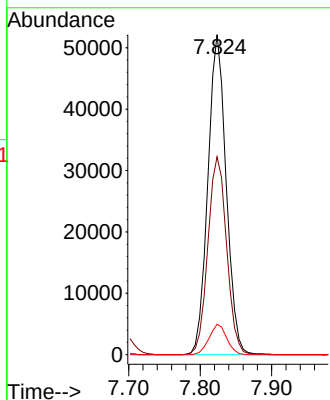
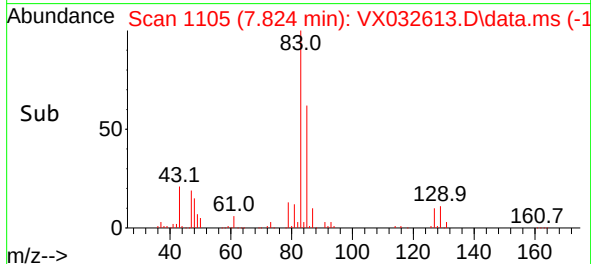
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



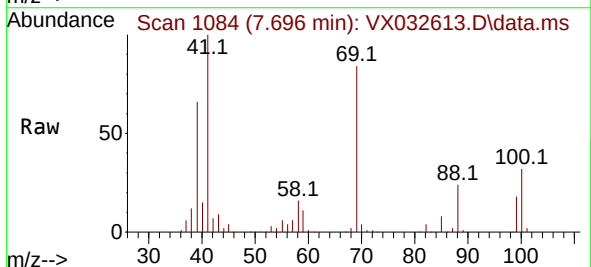
Tgt Ion: 83 Resp: 9258
Ion Ratio Lower Upper
83 100
85 61.8 52.2 78.4
127 9.5 7.4 11.2

Manual Integrations
APPROVED

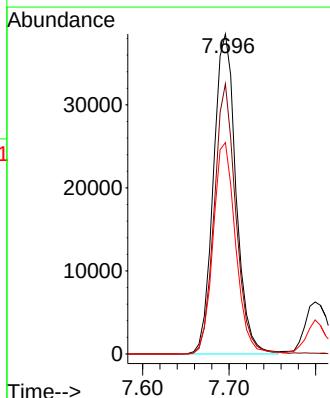
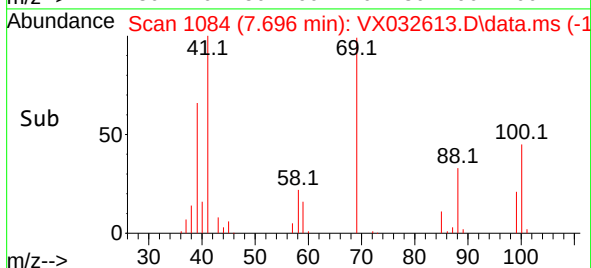
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

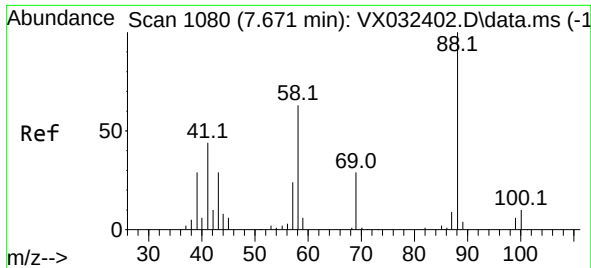


#48
Methyl methacrylate
Concen: 50.580 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16



Tgt Ion: 41 Resp: 69813
Ion Ratio Lower Upper
41 100
69 80.5 65.1 97.7
39 65.8 51.9 77.9





#49
1,4-Dioxane
Concen: 953.964 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.018 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Instrument :

MSVOA_X

ClientSampleId :

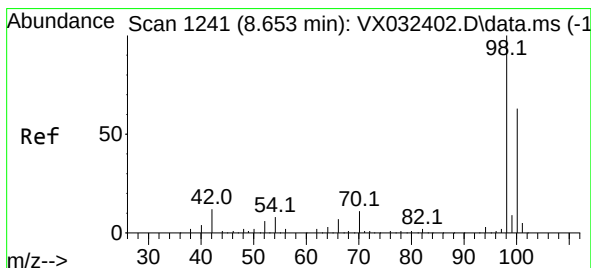
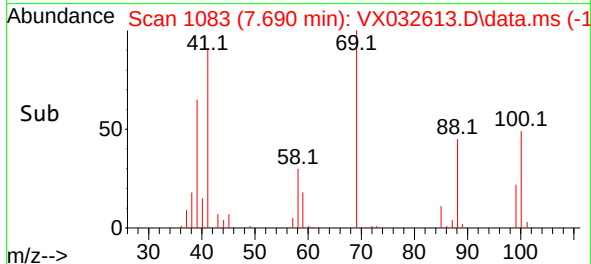
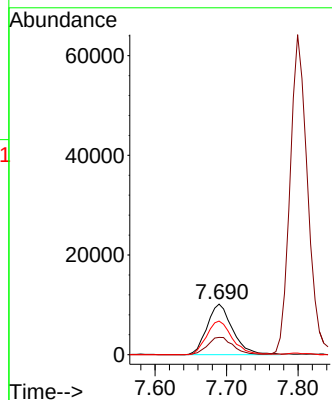
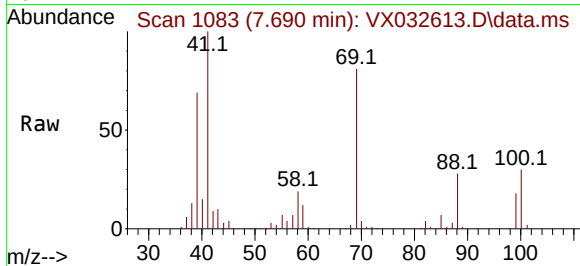
VSTDCCC050EC

Tgt Ion: 88 Resp: 2509
Ion Ratio Lower Upper
88 100
43 34.5 26.6 39.8
58 66.5 51.7 77.5

Manual Integrations

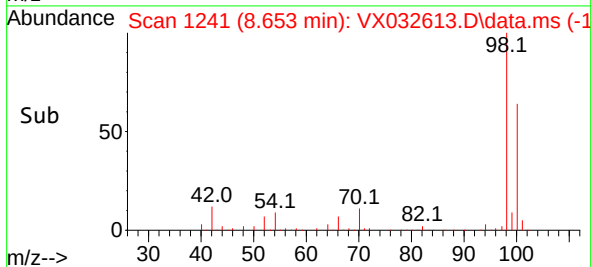
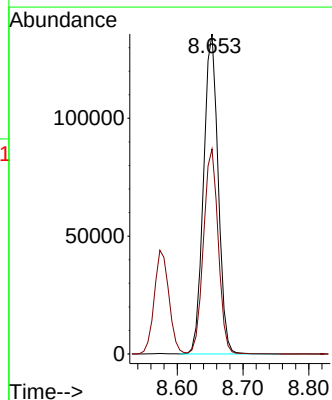
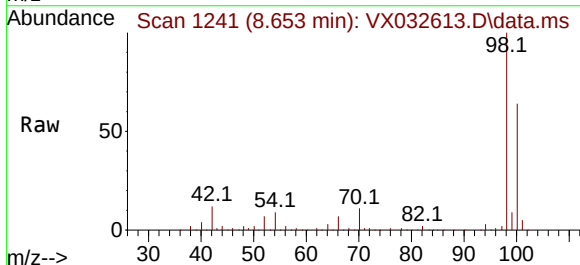
APPROVED

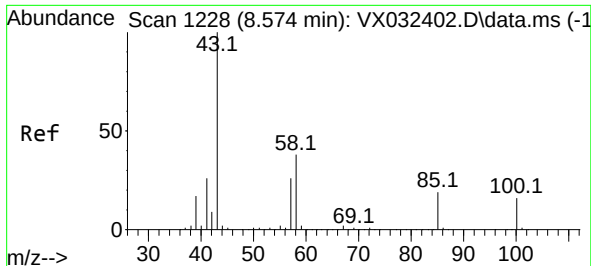
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#50
Toluene-d8
Concen: 50.272 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

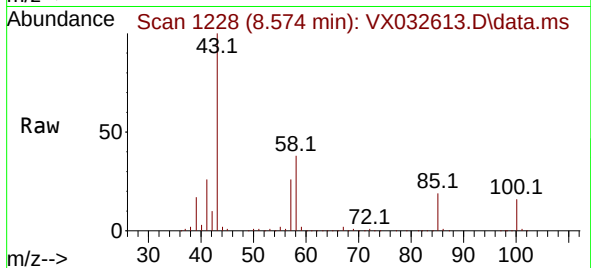
Tgt Ion: 98 Resp: 209909
Ion Ratio Lower Upper
98 100
100 64.5 50.9 76.3





#51
4-Methyl-2-Pentanone
Concen: 256.136 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

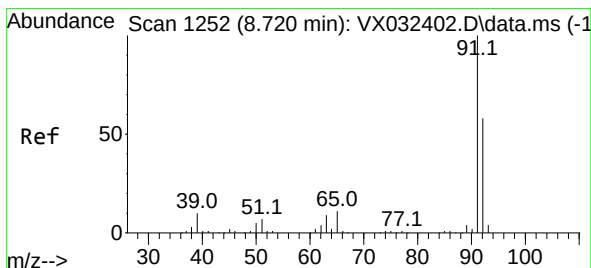
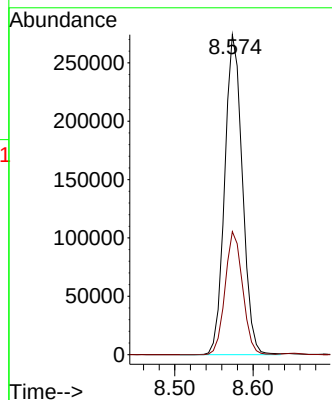
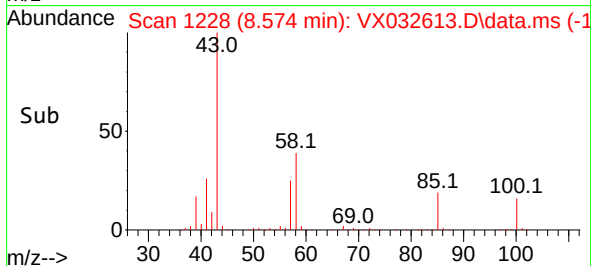
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 431164
Ion Ratio Lower Upper
43 100
58 38.0 30.9 46.3

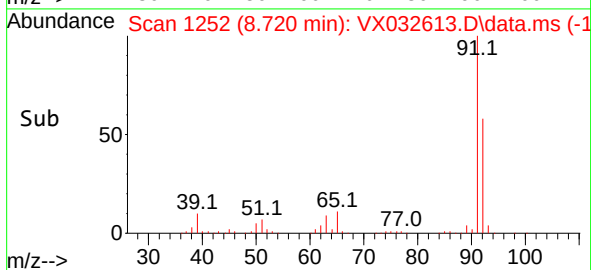
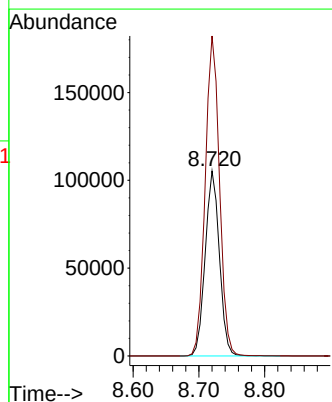
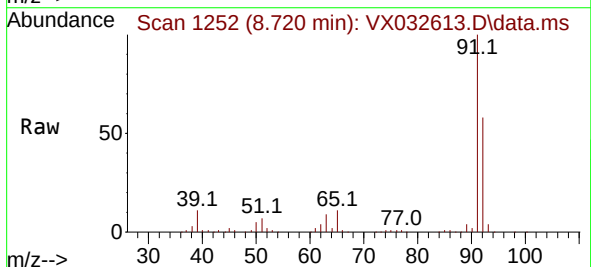
Manual Integrations
APPROVED

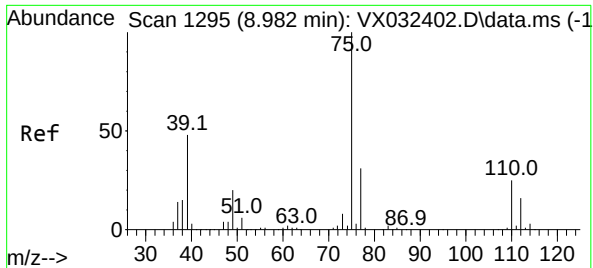
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#52
Toluene
Concen: 51.223 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Tgt Ion: 92 Resp: 158140
Ion Ratio Lower Upper
92 100
91 173.9 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 49.791 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VX032613.D

Acq: 05 Nov 2022 08:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 89694

Ion Ratio Lower Upper

75 100

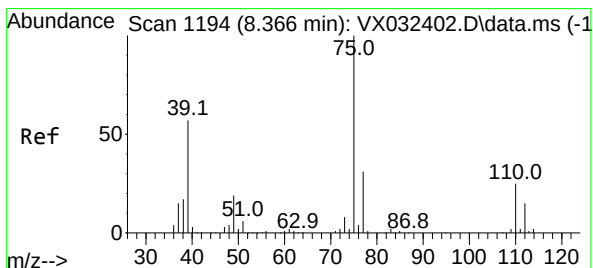
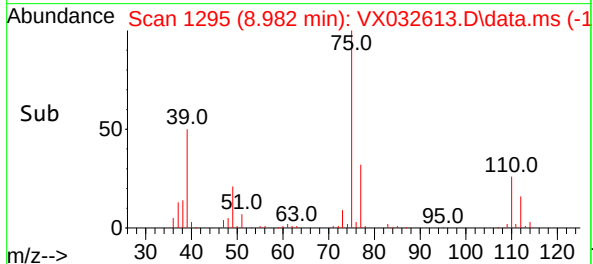
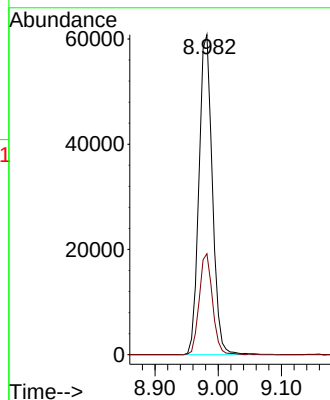
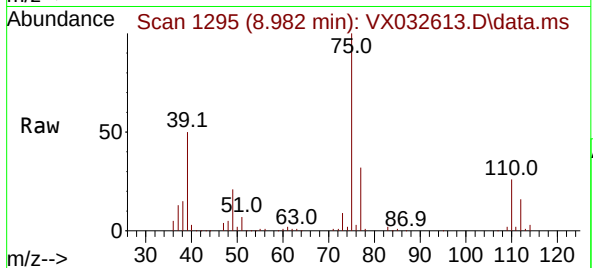
77 31.5 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#54

cis-1,3-Dichloropropene

Concen: 49.050 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX032613.D

Acq: 05 Nov 2022 08:16

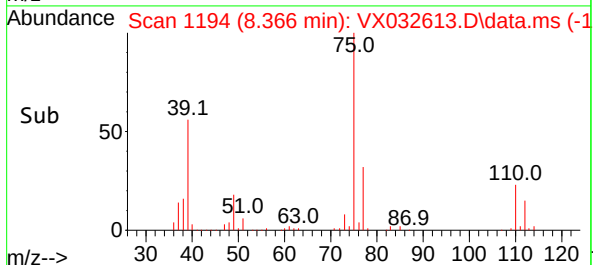
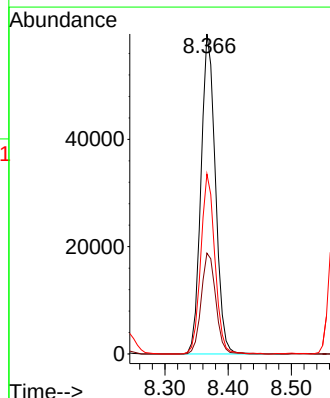
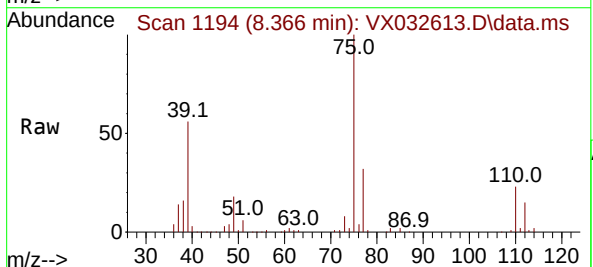
Tgt Ion: 75 Resp: 94508

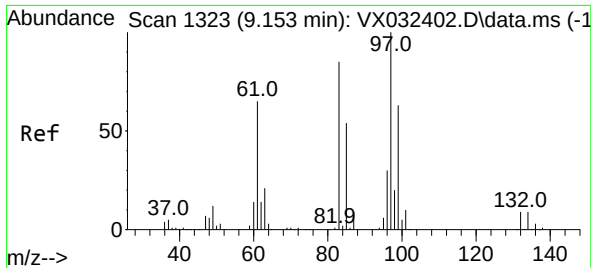
Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7

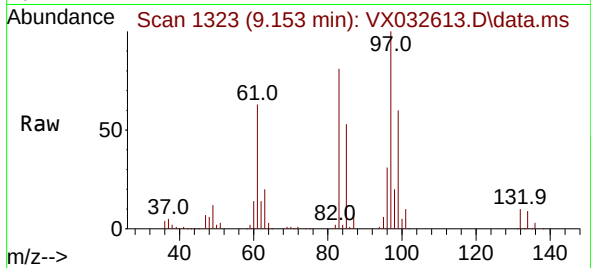
39 56.3 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 50.560 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

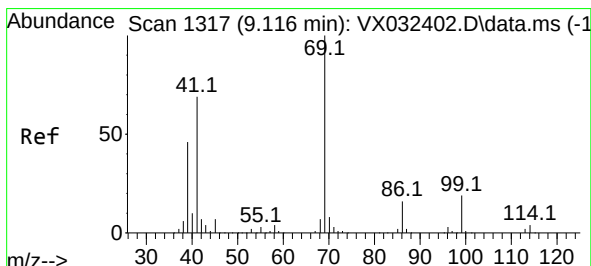
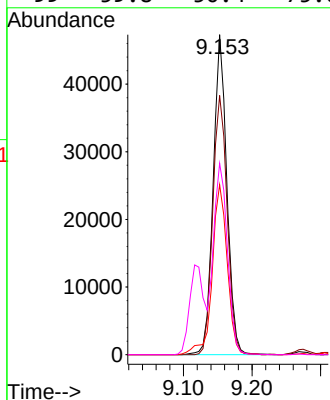
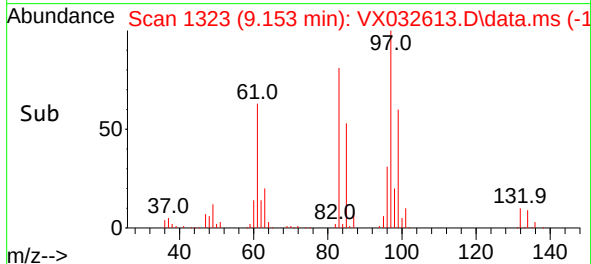


Tgt Ion: 97 Resp: 65738

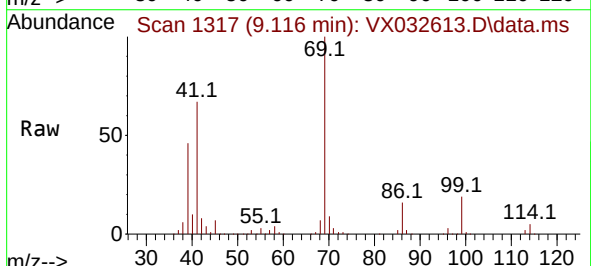
Ion	Ratio	Lower	Upper
97	100		
83	81.0	68.1	102.1
85	53.1	43.3	64.9
99	59.8	50.4	75.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

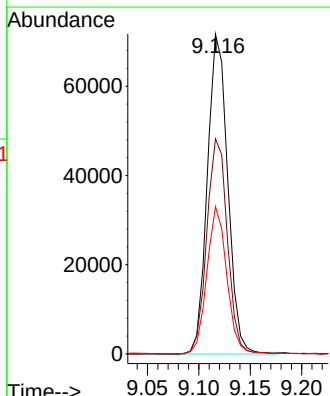
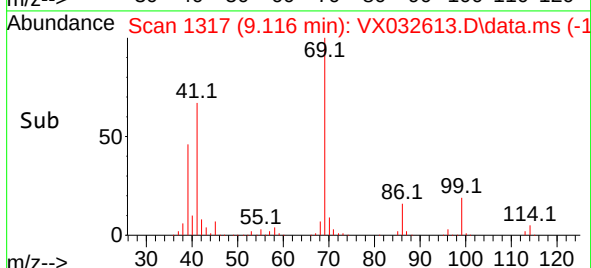


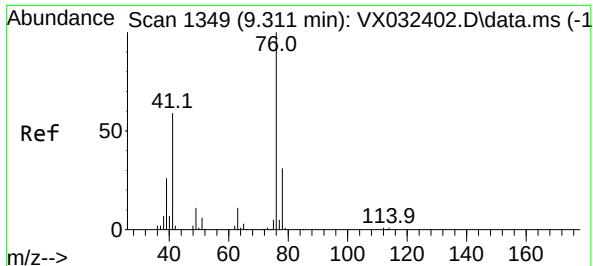
#56
Ethyl methacrylate
Concen: 52.847 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16



Tgt Ion: 69 Resp: 98880

Ion	Ratio	Lower	Upper
69	100		
41	68.5	54.3	81.5
39	45.4	35.2	52.8





#57

1,3-Dichloropropane

Concen: 51.604 ug/l

RT: 9.311 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX032613.D

Acq: 05 Nov 2022 08:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 108350

Ion Ratio Lower Upper

76 100

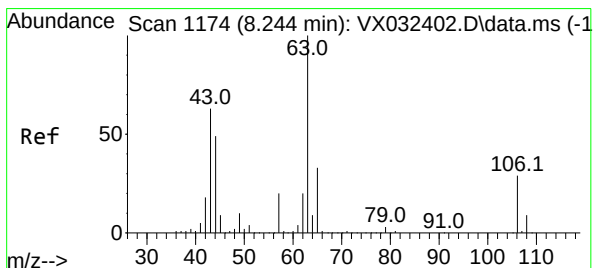
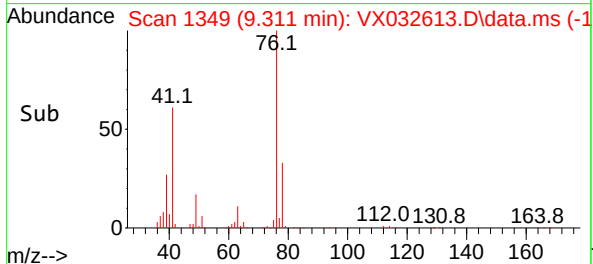
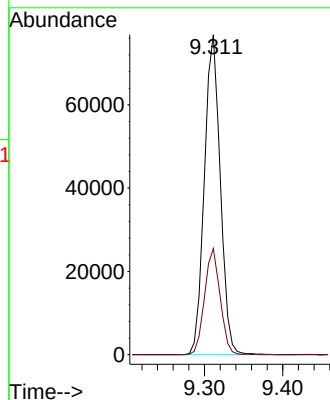
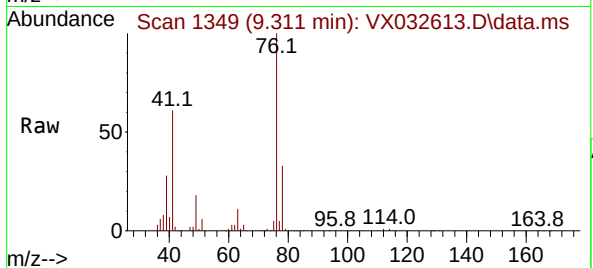
78 32.4 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#58

2-Chloroethyl Vinyl ether

Concen: 261.083 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX032613.D

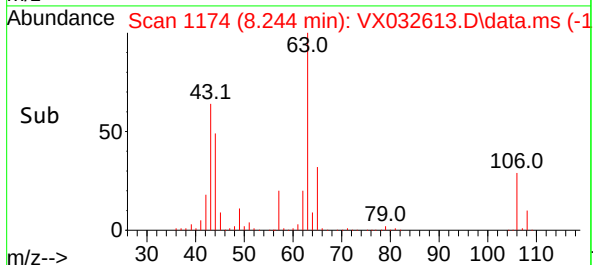
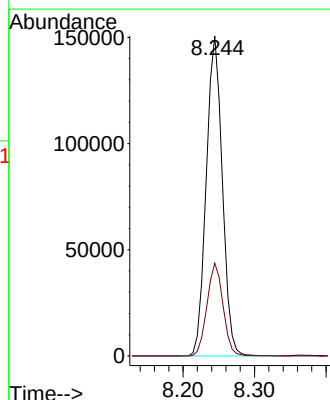
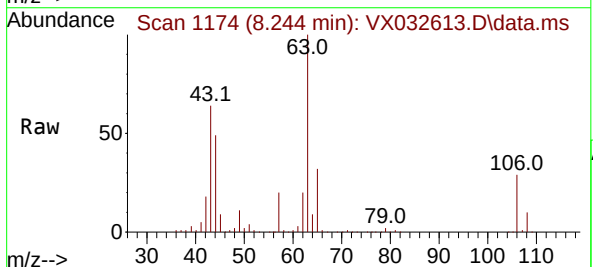
Acq: 05 Nov 2022 08:16

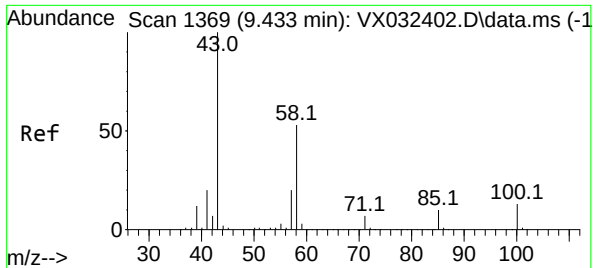
Tgt Ion: 63 Resp: 235217

Ion Ratio Lower Upper

63 100

106 28.9 23.3 34.9





#59

2-Hexanone

Concen: 254.865 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX032613.D

Acq: 05 Nov 2022 08:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 31834

Ion Ratio Lower Upper

43 100

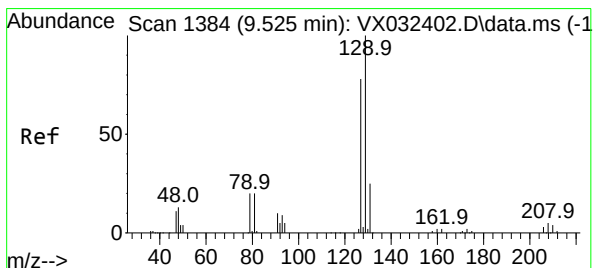
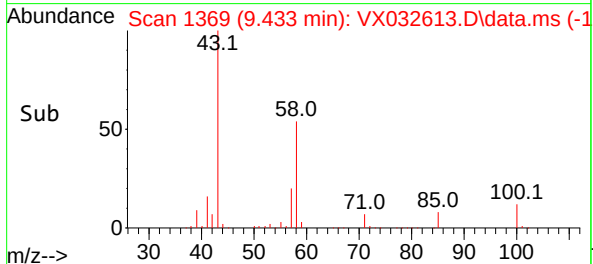
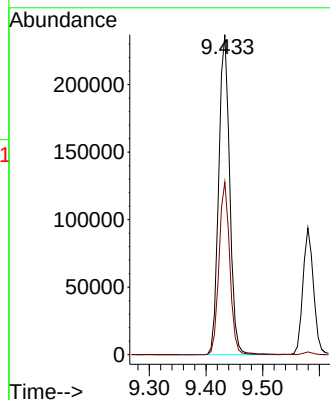
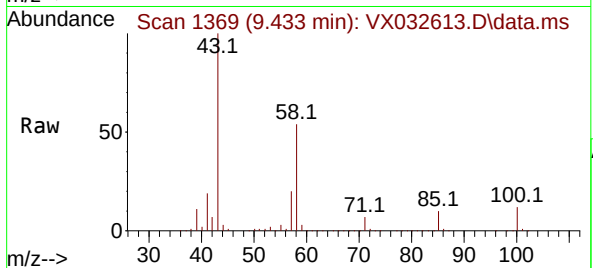
58 52.8 26.5 79.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#60

Dibromochloromethane

Concen: 51.429 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX032613.D

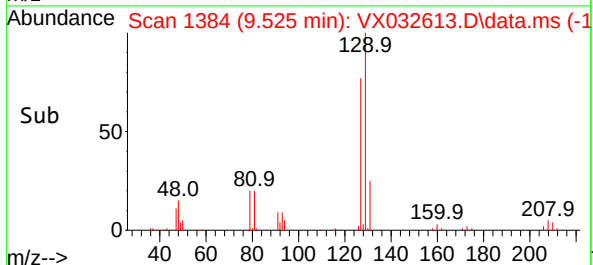
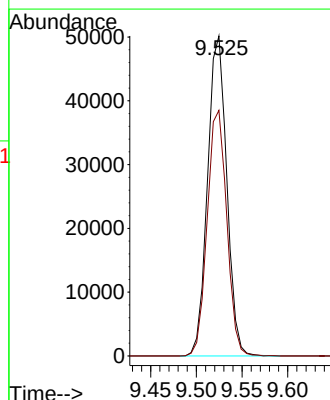
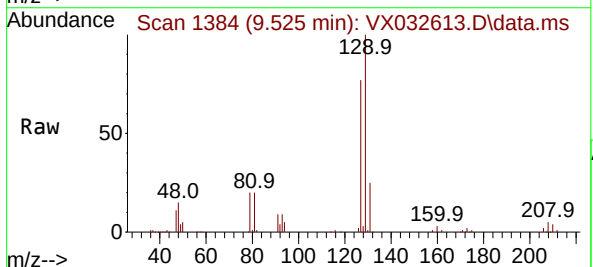
Acq: 05 Nov 2022 08:16

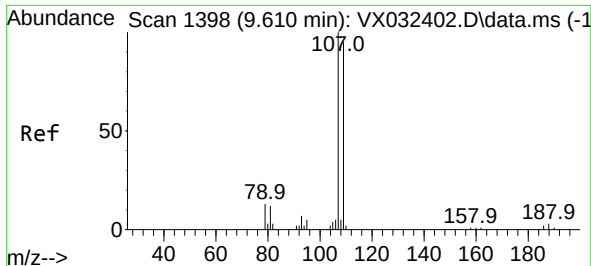
Tgt Ion:129 Resp: 73036

Ion Ratio Lower Upper

129 100

127 78.3 38.6 115.8





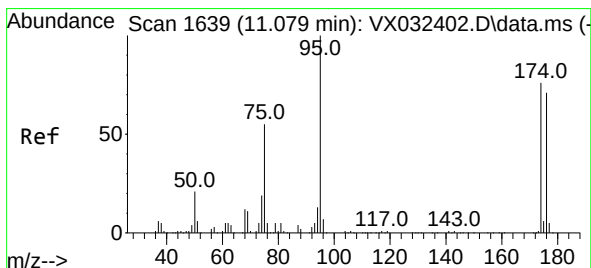
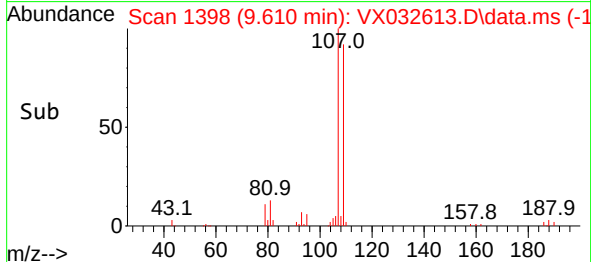
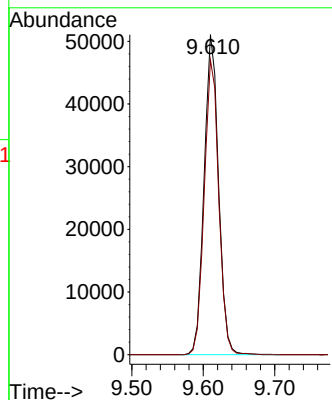
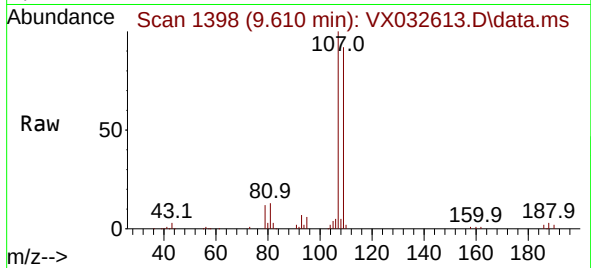
#61
1,2-Dibromoethane
Concen: 52.035 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 71680
Ion Ratio Lower Upper
107 100
109 92.5 76.0 114.0

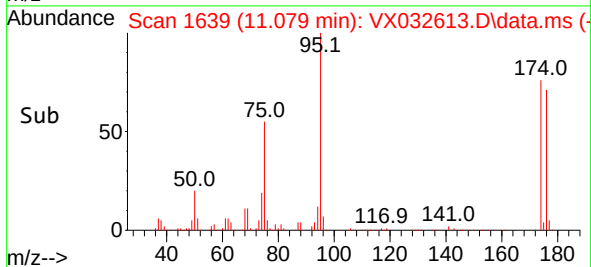
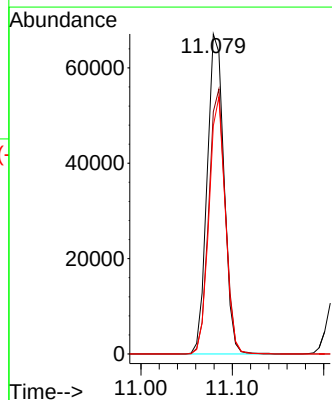
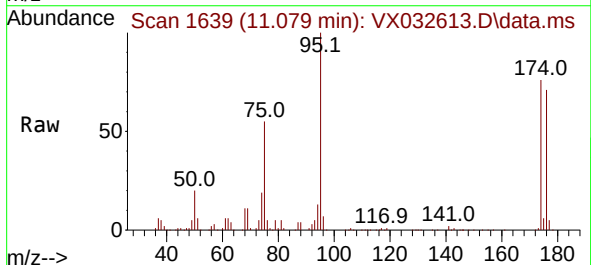
Manual Integrations
APPROVED

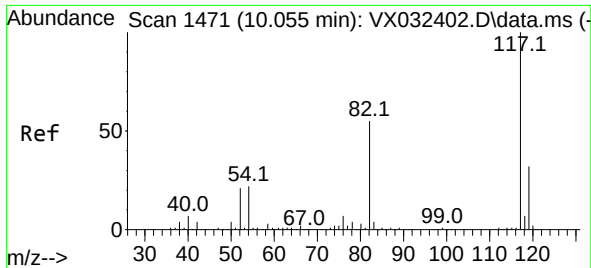
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#62
4-Bromofluorobenzene
Concen: 52.482 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

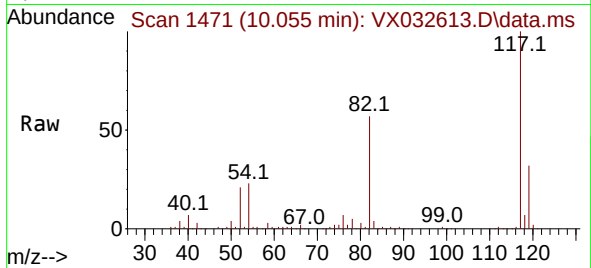
Tgt Ion: 95 Resp: 85600
Ion Ratio Lower Upper
95 100
174 81.3 0.0 164.0
176 77.9 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

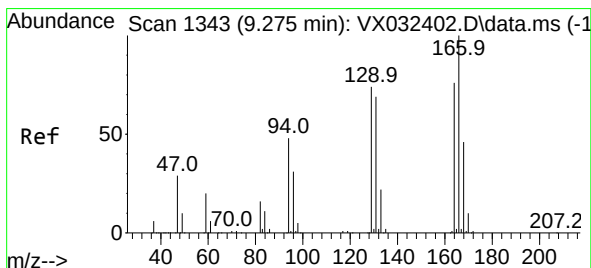
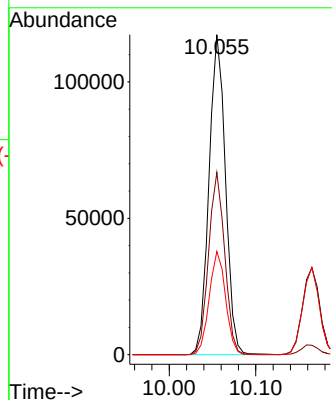
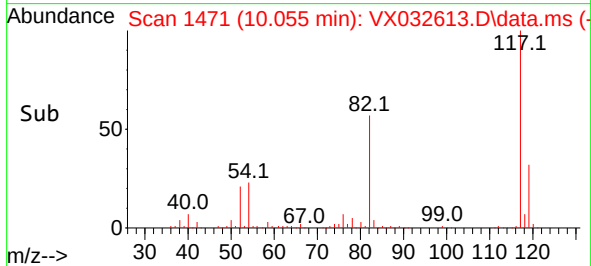
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 154480
Ion Ratio Lower Upper
117 100
82 57.0 44.3 66.5
119 32.2 25.7 38.5

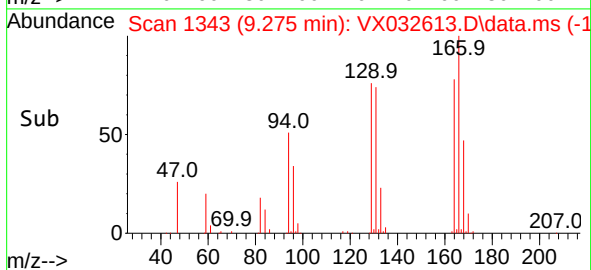
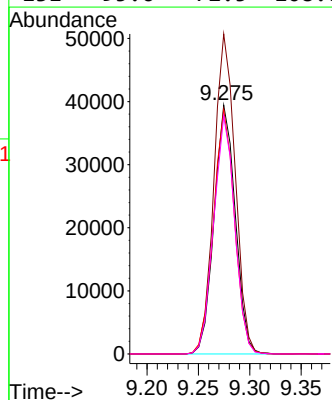
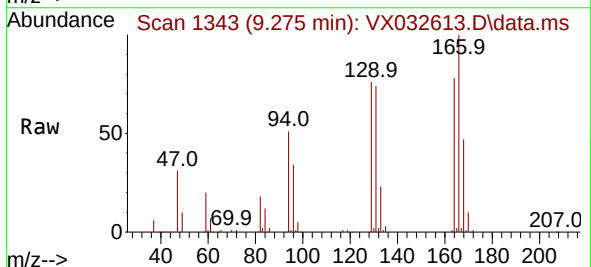
Manual Integrations
APPROVED

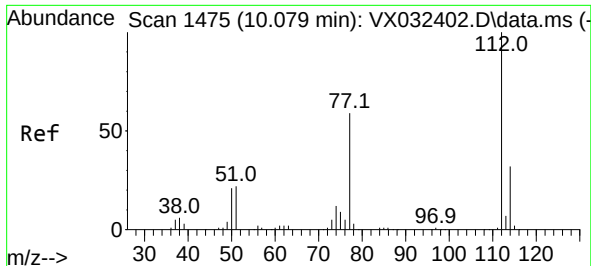
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#64
Tetrachloroethene
Concen: 49.943 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

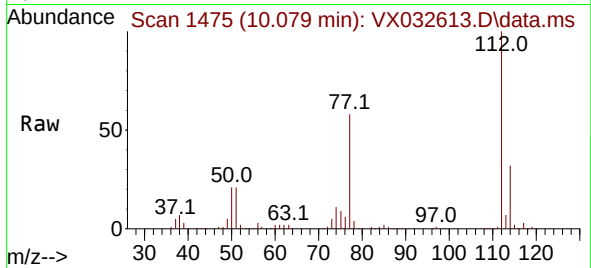
Tgt Ion:164 Resp: 56470
Ion Ratio Lower Upper
164 100
166 128.6 105.4 158.2
129 98.1 78.2 117.2
131 95.6 72.5 108.7





#65
Chlorobenzene
Concen: 50.411 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

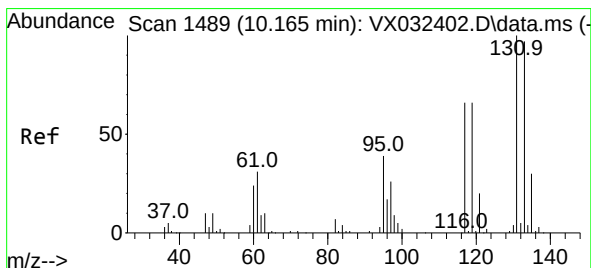
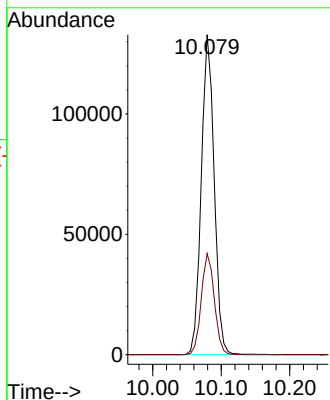
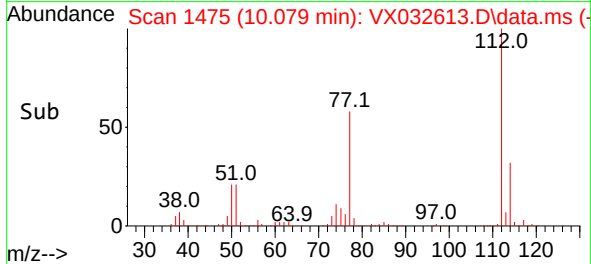
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



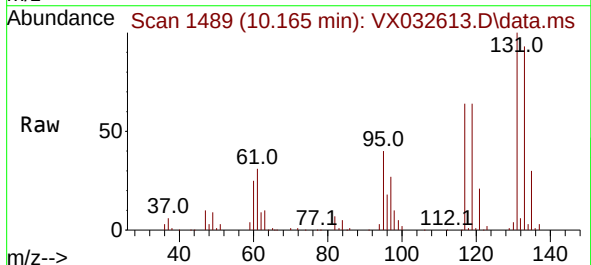
Tgt Ion:112 Resp: 17444
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2

Manual Integrations
APPROVED

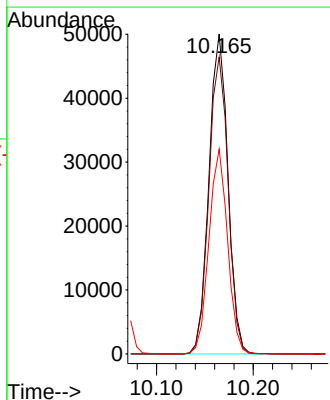
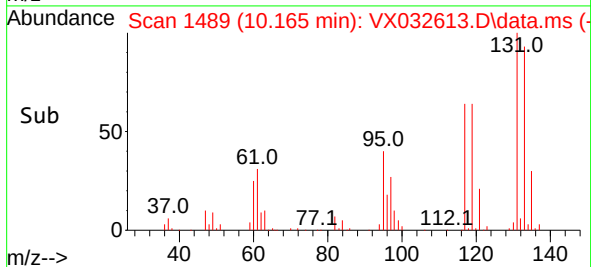
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

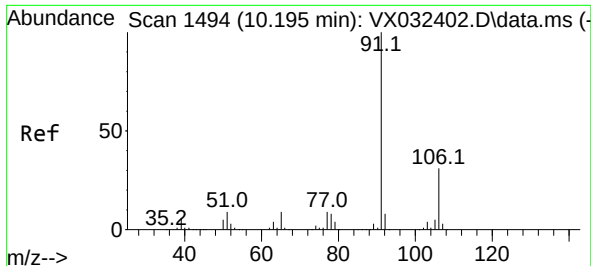


#66
1,1,1,2-Tetrachloroethane
Concen: 52.493 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16



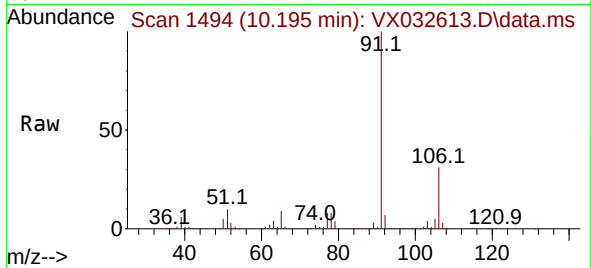
Tgt Ion:131 Resp: 68365
Ion Ratio Lower Upper
131 100
133 94.3 47.6 142.9
119 62.9 32.4 97.0





#67
Ethyl Benzene
Concen: 51.308 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

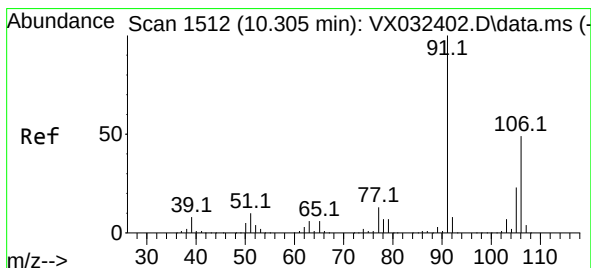
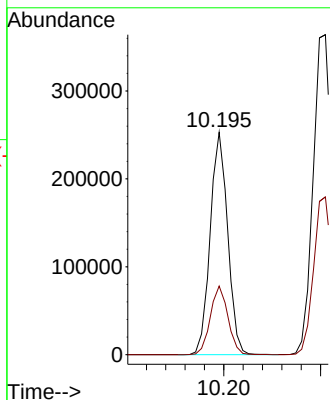
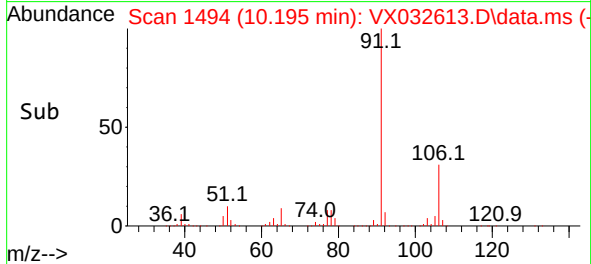
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 31749
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.6

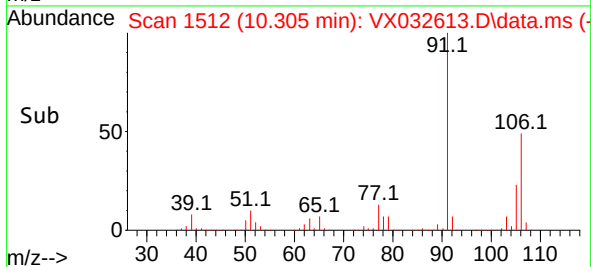
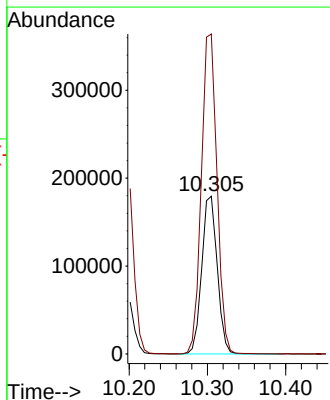
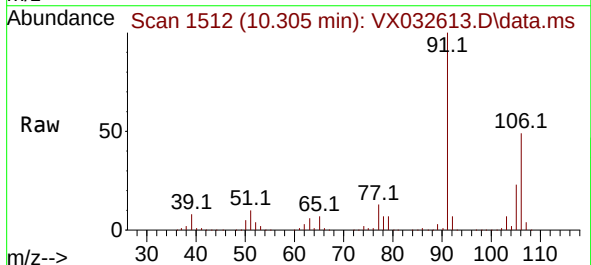
Manual Integrations
APPROVED

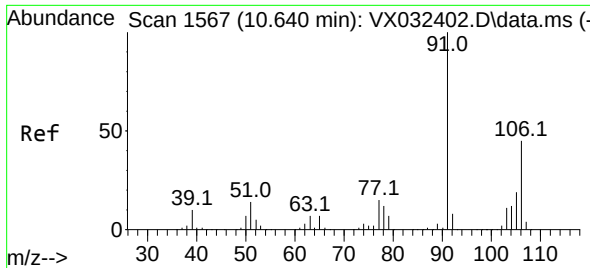
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#68
m/p-Xylenes
Concen: 102.435 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Tgt Ion:106 Resp: 246137
Ion Ratio Lower Upper
106 100
91 204.9 164.5 246.7





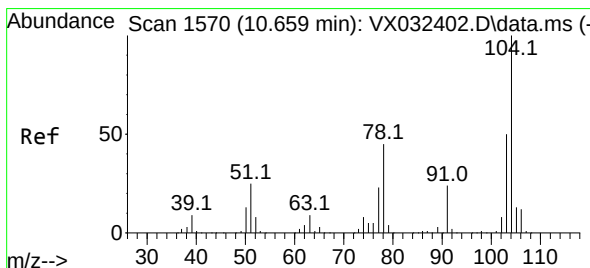
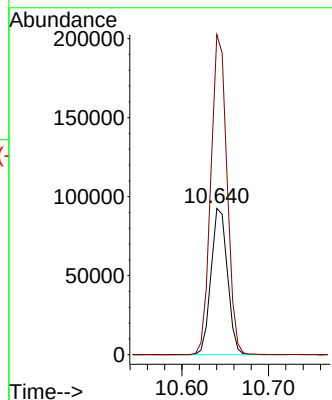
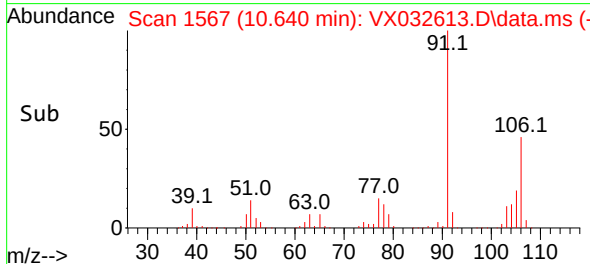
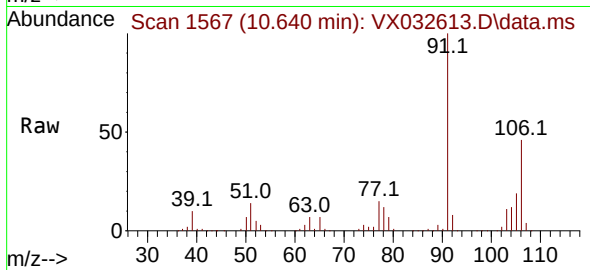
#69
o-Xylene
Concen: 52.139 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 121810
Ion Ratio Lower Upper
106 100
91 216.0 109.2 327.6

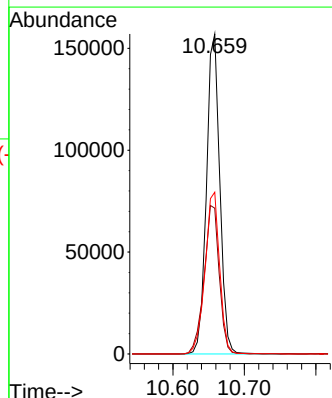
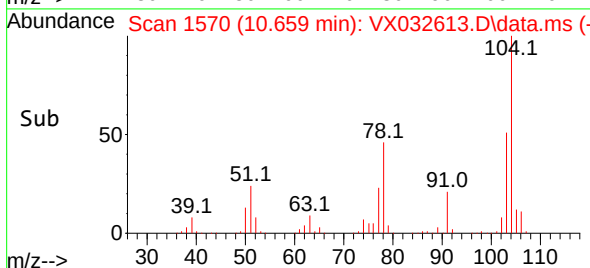
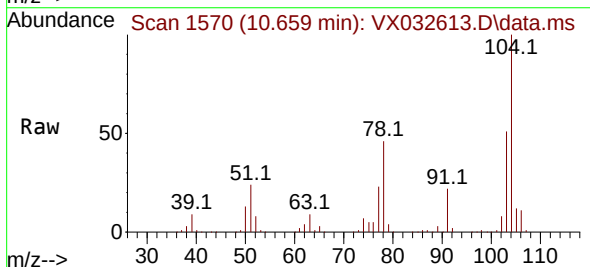
Manual Integrations
APPROVED

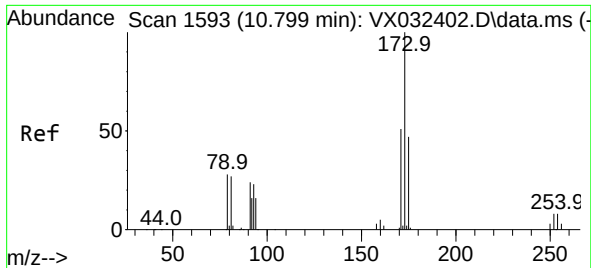
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#70
Styrene
Concen: 52.337 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

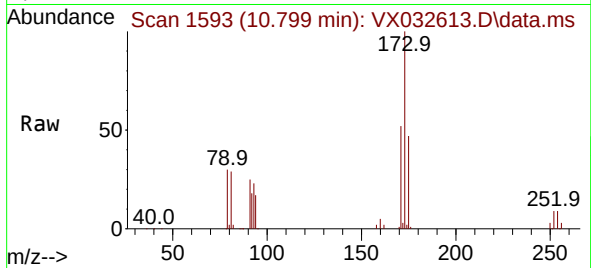
Tgt Ion:104 Resp: 203209
Ion Ratio Lower Upper
104 100
78 52.7 41.8 62.8
103 55.6 44.5 66.7





#71
Bromoform
Concen: 50.872 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

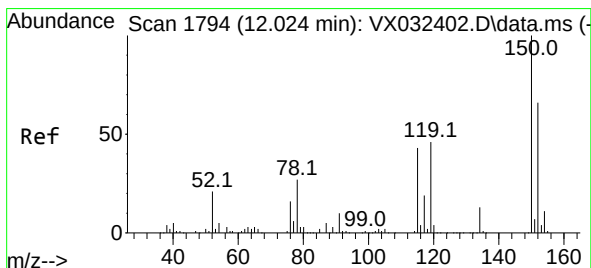
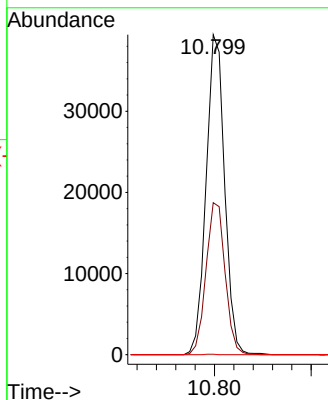
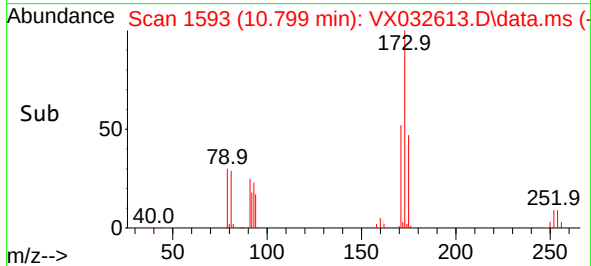
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 5238
Ion Ratio Lower Upper
173 100
175 48.9 23.9 71.8
254 0.1 0.0 0.0

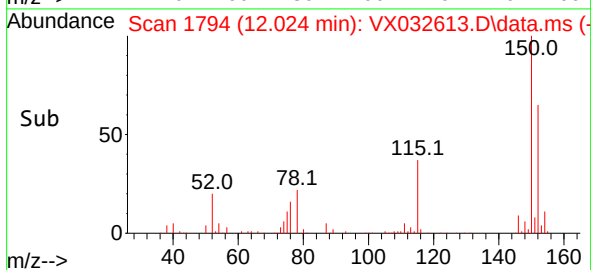
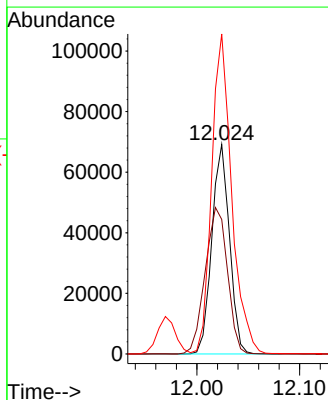
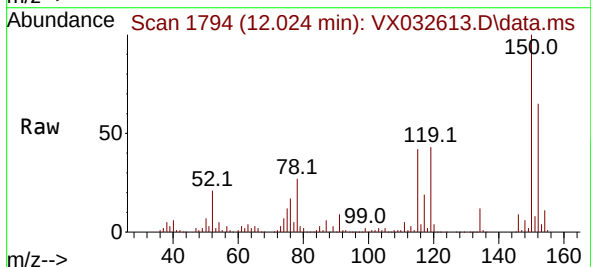
Manual Integrations
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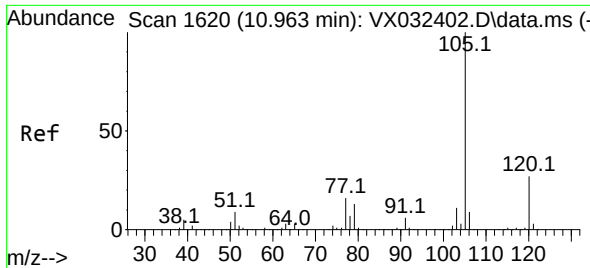
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Tgt Ion:152 Resp: 82478
Ion Ratio Lower Upper
152 100
115 88.4 44.0 132.0
150 173.8 0.0 351.8





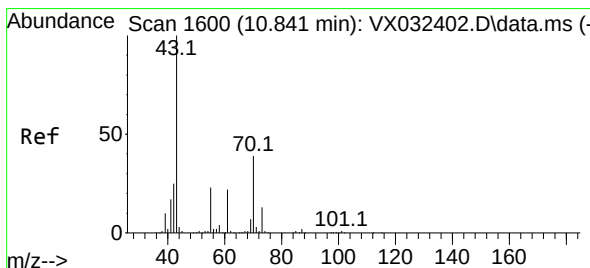
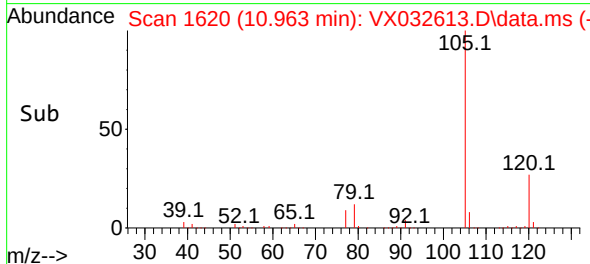
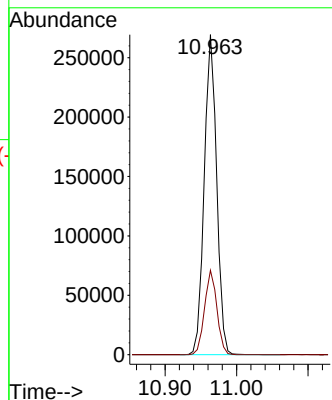
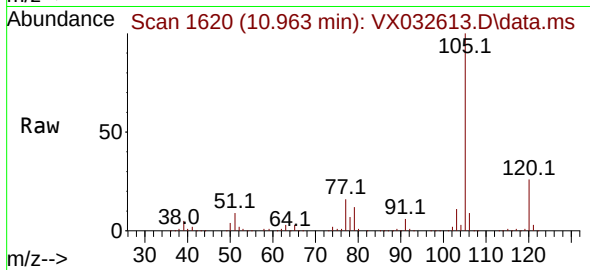
#73
Isopropylbenzene
Concen: 49.667 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 324610
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3

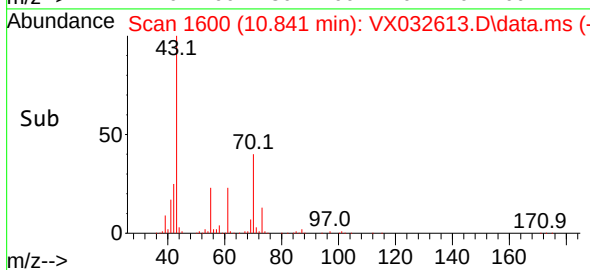
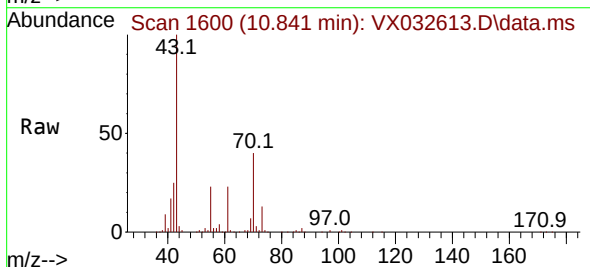
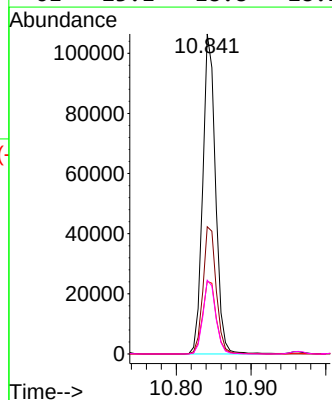
Manual Integrations
APPROVED

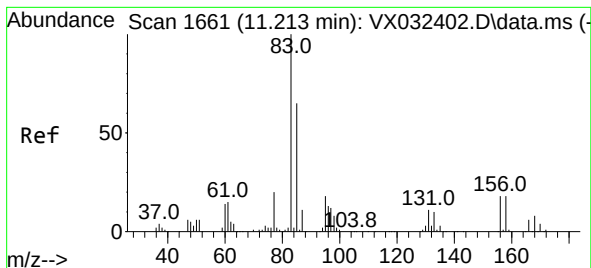
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#74
N-ethyl acetate
Concen: 51.173 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Tgt Ion: 43 Resp: 126369
Ion Ratio Lower Upper
43 100
70 41.2 33.6 50.4
55 24.1 19.4 29.2
61 23.1 18.8 28.2





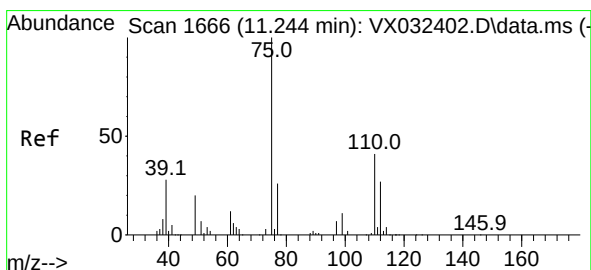
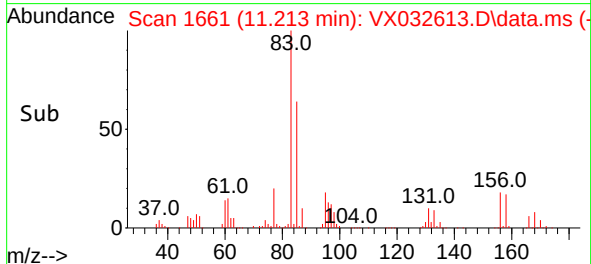
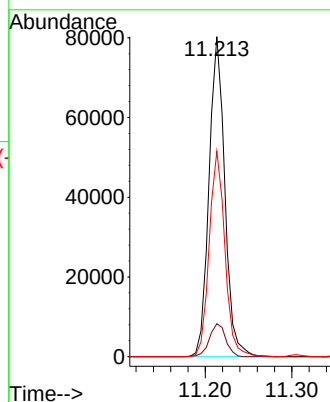
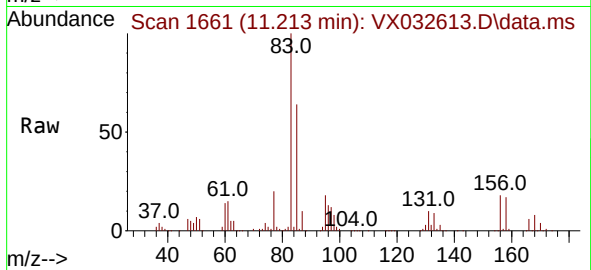
#75
1,1,2,2-Tetrachloroethane
Concen: 48.470 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 101683
Ion Ratio Lower Upper
83 100
131 10.7 5.4 16.2
85 63.8 31.9 95.9

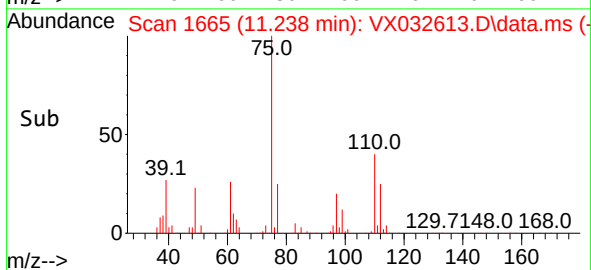
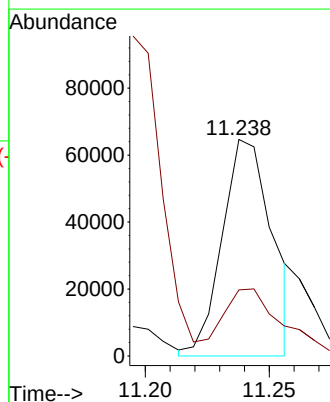
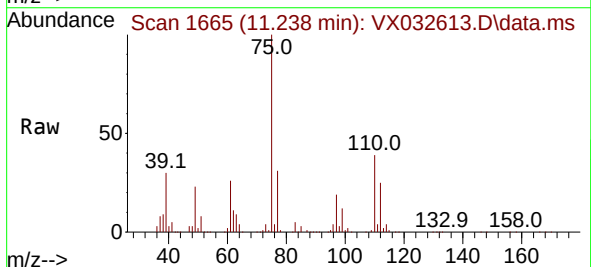
Manual Integrations
APPROVED

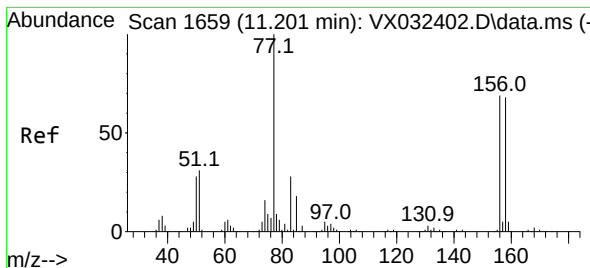
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#76
1,2,3-Trichloropropane
Concen: 49.296 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Tgt Ion: 75 Resp: 90455
Ion Ratio Lower Upper
75 100
77 37.7 20.0 60.0





#77

Bromobenzene

Concen: 49.903 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX032613.D

Acq: 05 Nov 2022 08:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

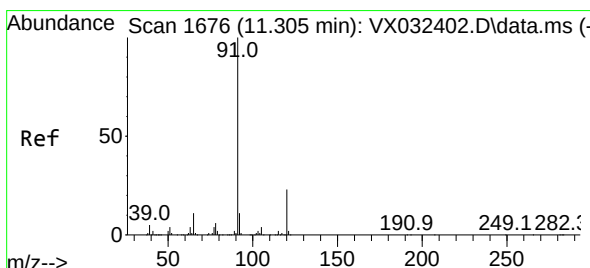
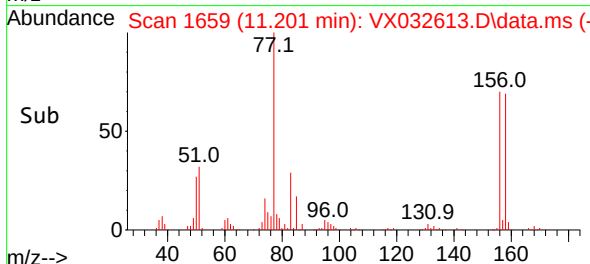
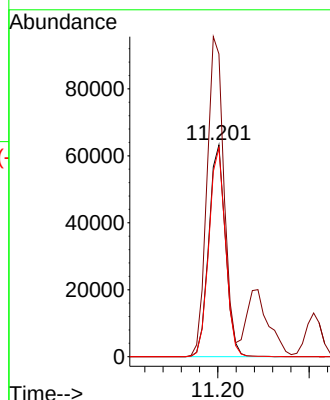
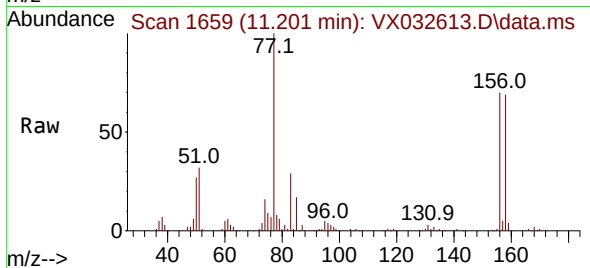
Tgt Ion:	156	Resp:	7995
Ion Ratio	Lower	Upper	
156	100		
77	153.4	76.1	228.4
158	97.8	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#78

n-propylbenzene

Concen: 49.238 ug/l

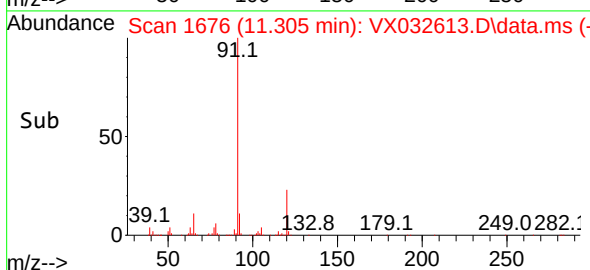
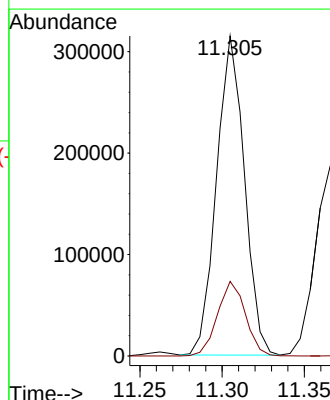
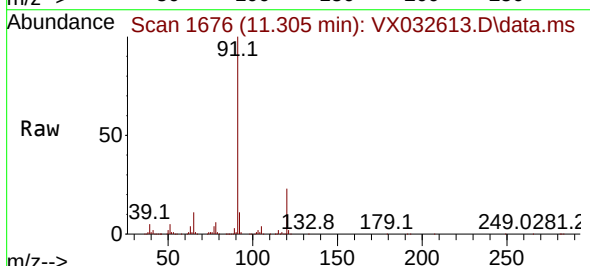
RT: 11.305 min Scan# 1676

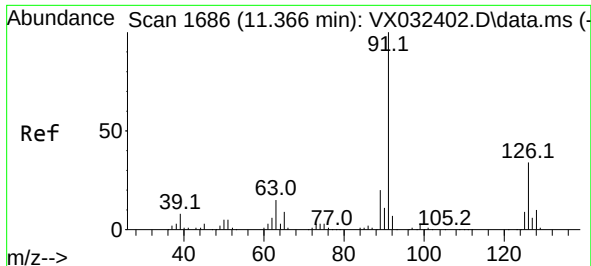
Delta R.T. -0.000 min

Lab File: VX032613.D

Acq: 05 Nov 2022 08:16

Tgt Ion:	91	Resp:	370762
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.6	34.8





#79
2-Chlorotoluene
Concen: 49.763 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Instrument :

MSVOA_X

ClientSampleId :

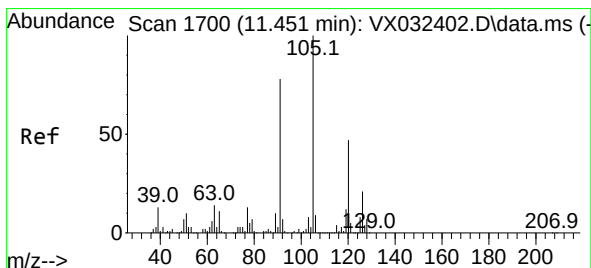
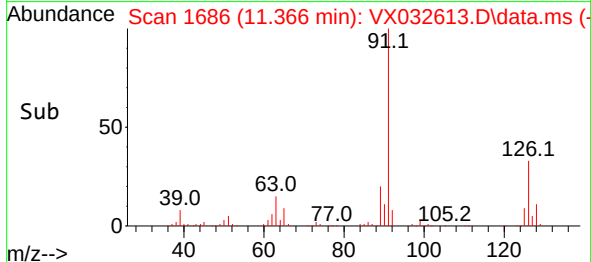
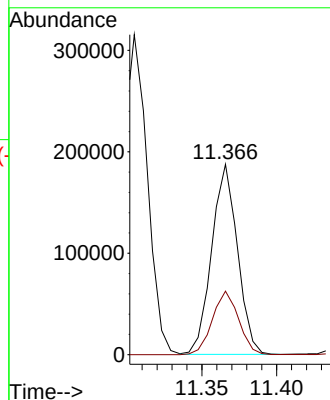
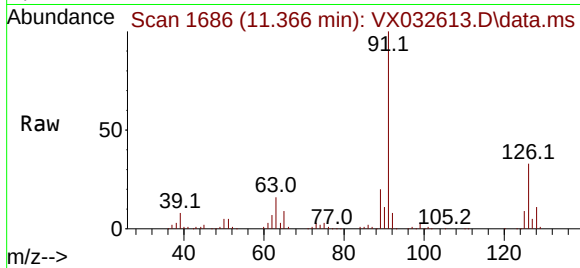
VSTDCCC050EC

Tgt Ion: 91 Resp: 224408
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.2

Manual Integrations

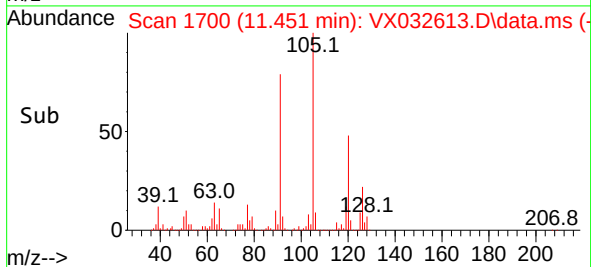
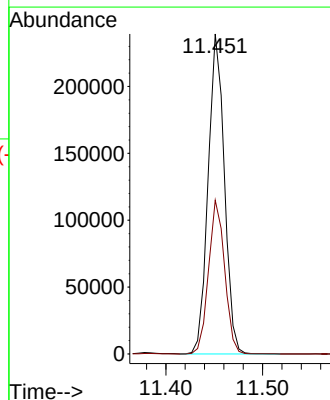
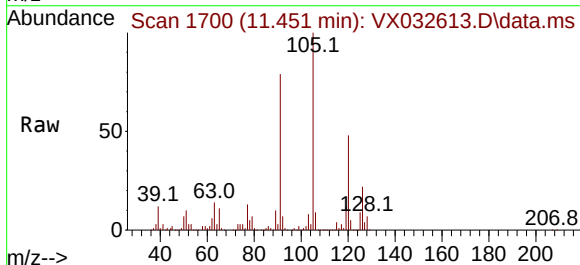
APPROVED

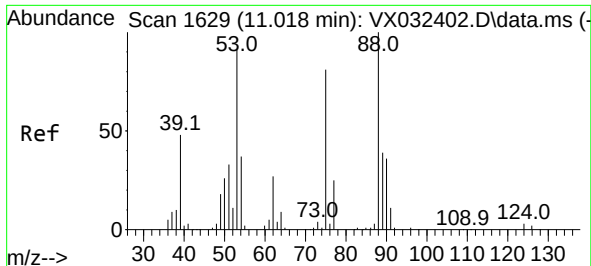
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.122 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Tgt Ion:105 Resp: 279974
Ion Ratio Lower Upper
105 100
120 47.6 23.6 71.0





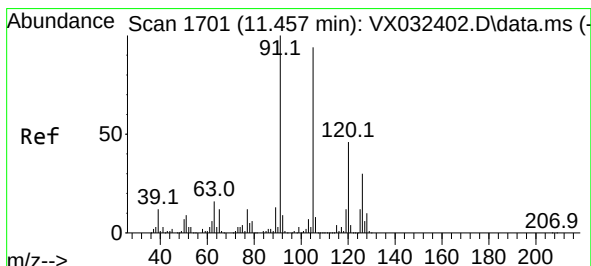
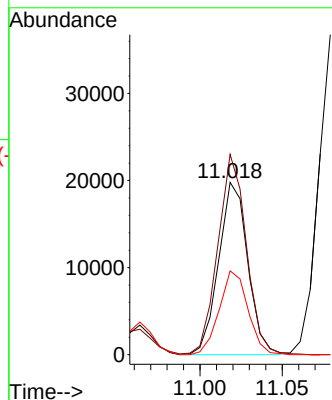
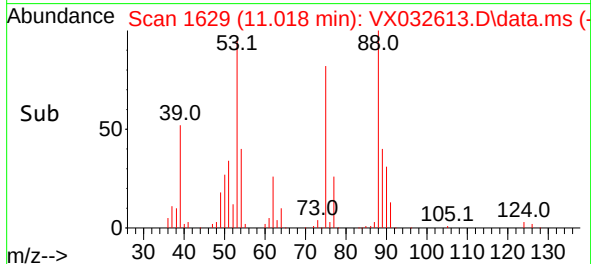
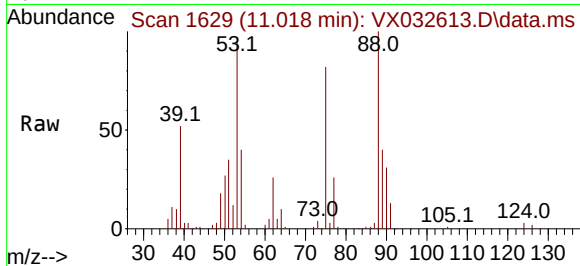
#81
trans-1,4-Dichloro-2-butene
Concen: 42.254 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 24360
Ion Ratio Lower Upper
75 100
53 113.8 86.9 130.3
89 48.0 38.3 57.5

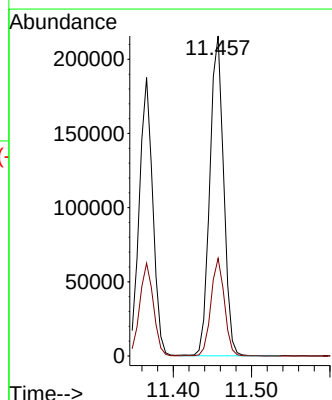
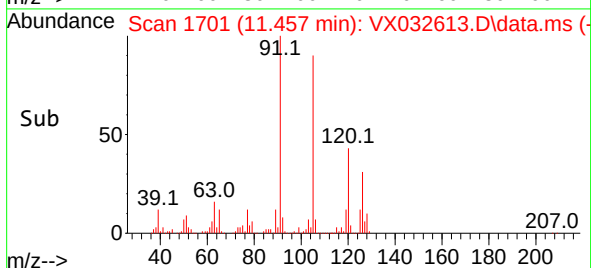
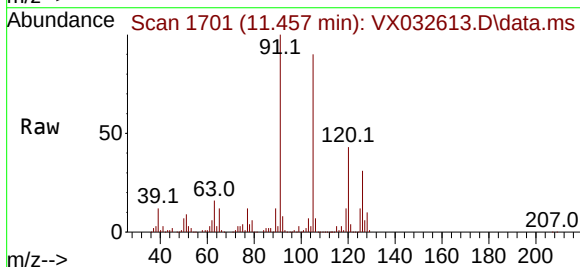
Manual Integrations
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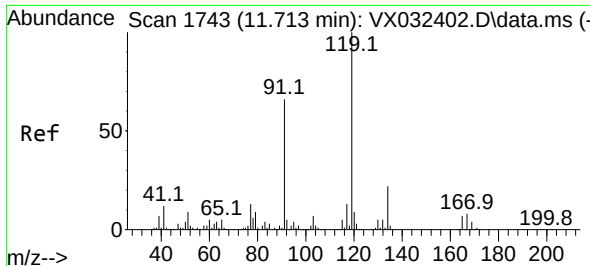
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#82
4-Chlorotoluene
Concen: 50.093 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

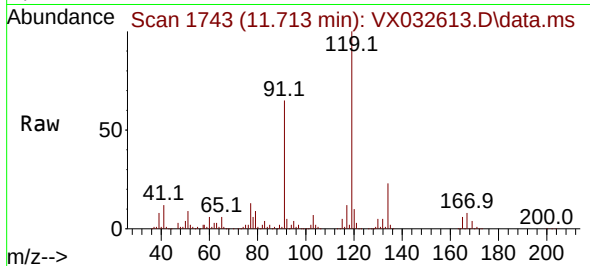
Tgt Ion: 91 Resp: 264333
Ion Ratio Lower Upper
91 100
126 29.6 14.8 44.4





#83
tert-Butylbenzene
Concen: 49.779 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

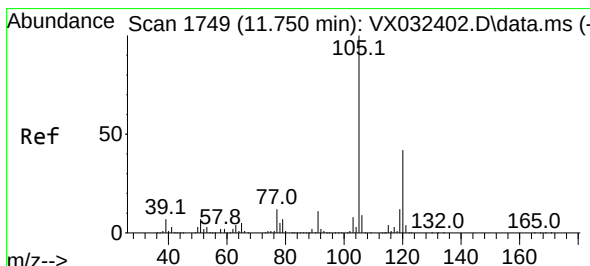
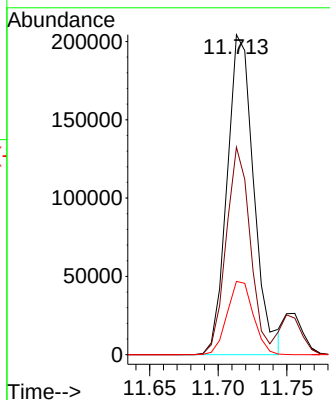
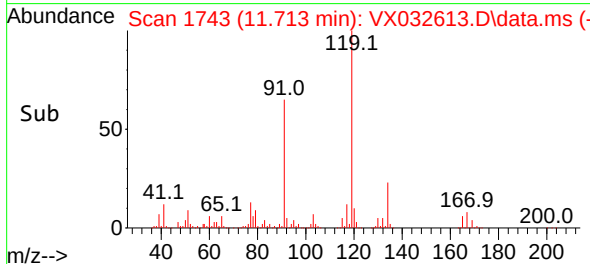
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



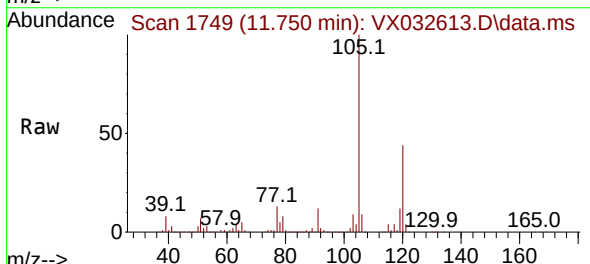
Tgt Ion:119 Resp: 277609
Ion Ratio Lower Upper
119 100
91 58.8 29.4 88.2
134 22.5 11.0 33.0

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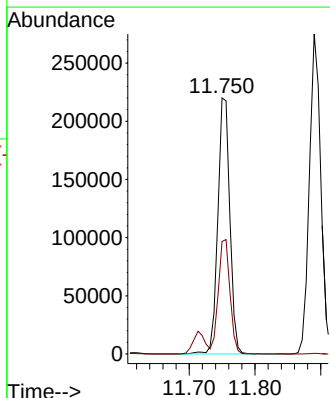
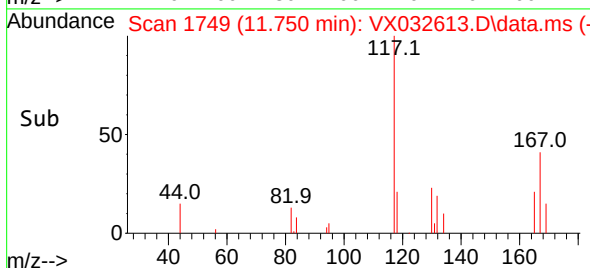
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

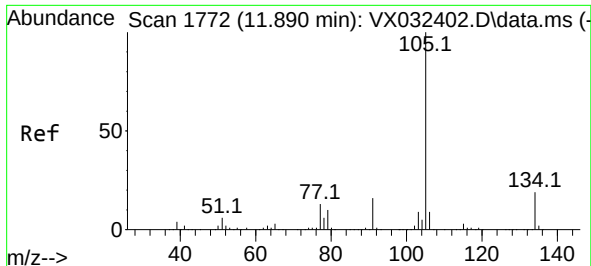


#84
1,2,4-Trimethylbenzene
Concen: 50.276 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16



Tgt Ion:105 Resp: 279318
Ion Ratio Lower Upper
105 100
120 43.4 21.9 65.5





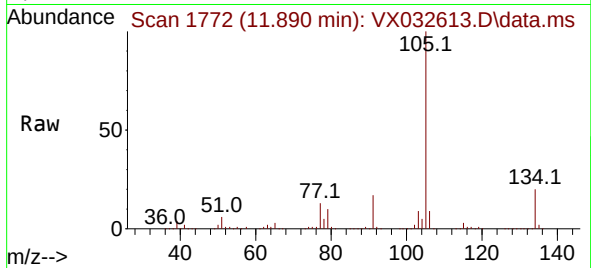
#85
 sec-Butylbenzene
 Concen: 49.233 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX032613.D
 Acq: 05 Nov 2022 08:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



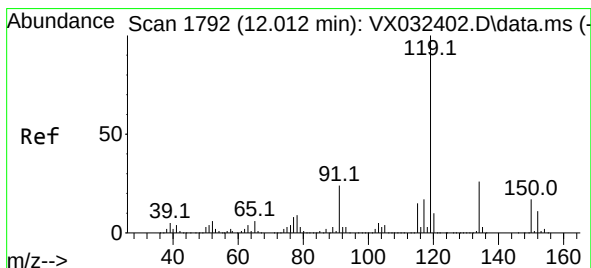
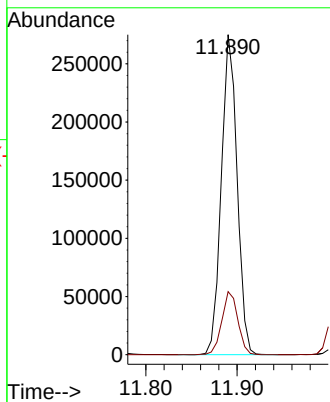
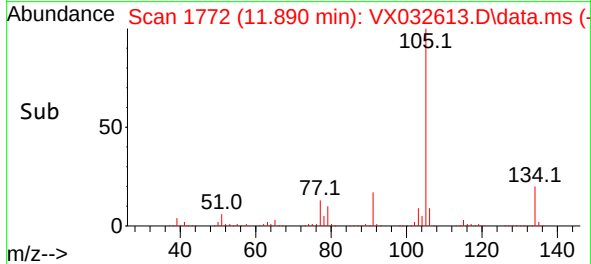
Tgt Ion:105 Resp: 33036
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.9 29.7

Manual Integrations

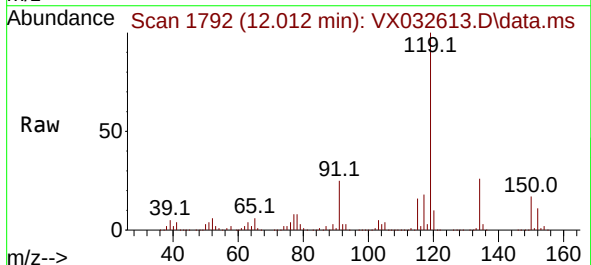
APPROVED

Reviewed By :John Carlone 11/07/2022

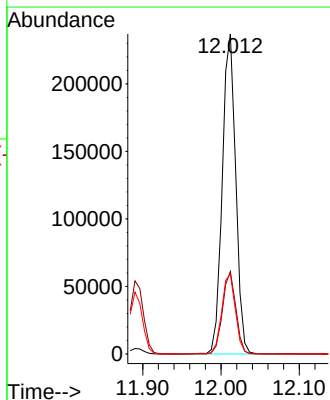
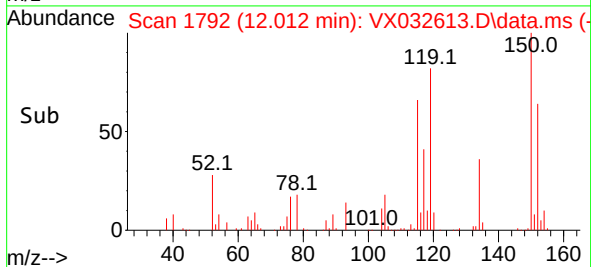
Supervised By :Mahesh Dadoda 11/07/2022

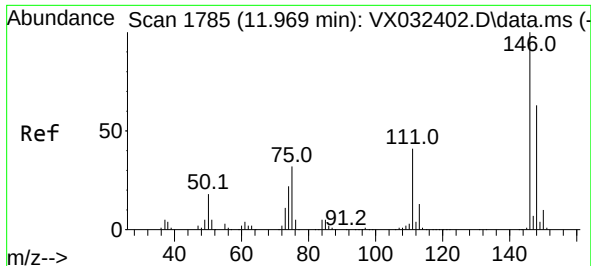


#86
 p-Isopropyltoluene
 Concen: 49.758 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX032613.D
 Acq: 05 Nov 2022 08:16



Tgt Ion:119 Resp: 283319
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.7
 91 25.3 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 49.255 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX032613.D

Acq: 05 Nov 2022 08:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 148872

Ion Ratio Lower Upper

146 100

111 40.8 20.6 61.8

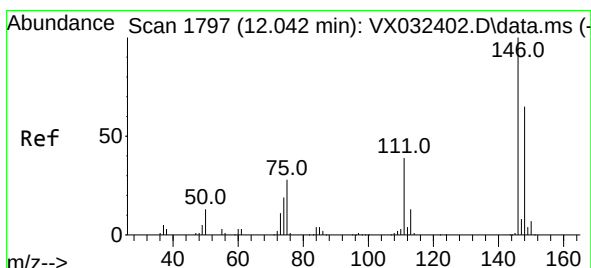
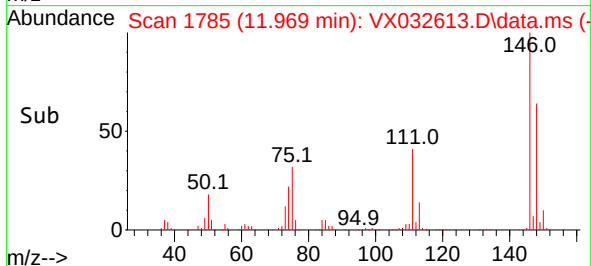
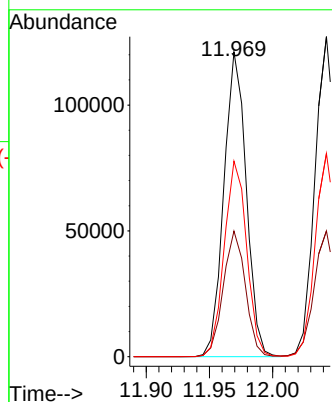
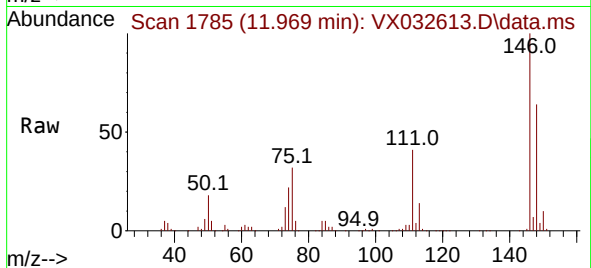
148 64.4 31.7 95.1

Manual Integrations

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Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#88

1,4-Dichlorobenzene

Concen: 48.873 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX032613.D

Acq: 05 Nov 2022 08:16

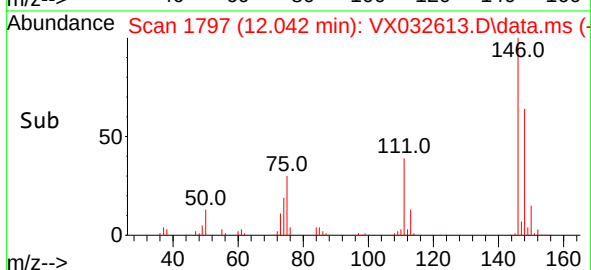
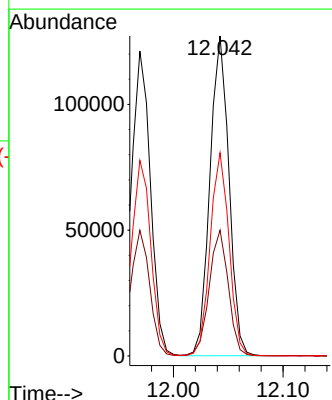
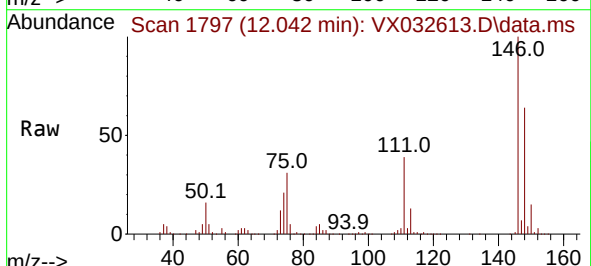
Tgt Ion:146 Resp: 153246

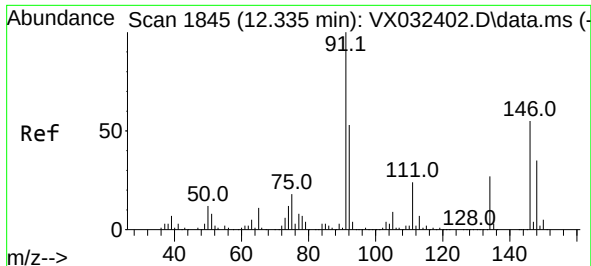
Ion Ratio Lower Upper

146 100

111 39.6 20.5 61.6

148 63.0 32.2 96.6





#89

n-Butylbenzene

Concen: 47.635 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX032613.D

Acq: 05 Nov 2022 08:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 23596

Ion Ratio Lower Upper

91 100

92 51.7 26.2 78.6

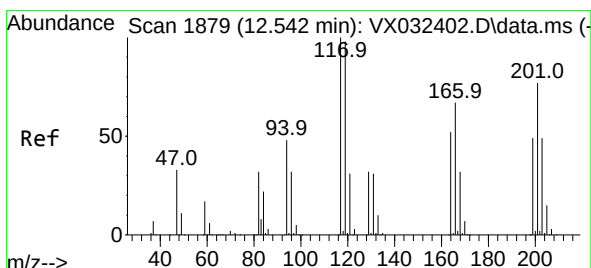
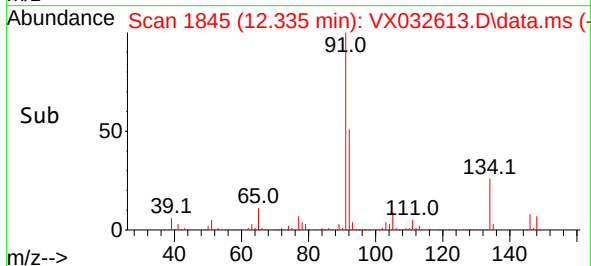
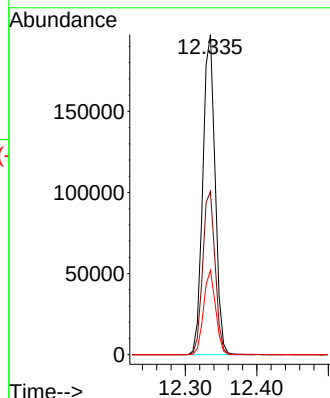
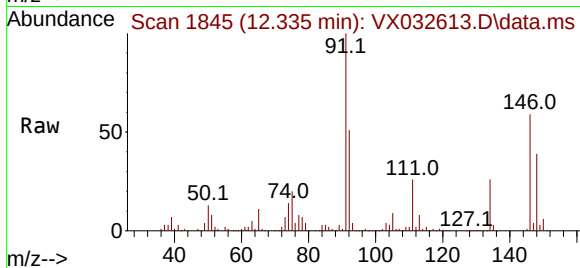
134 25.7 12.9 38.6

Manual Integrations

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Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#90

Hexachloroethane

Concen: 48.282 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VX032613.D

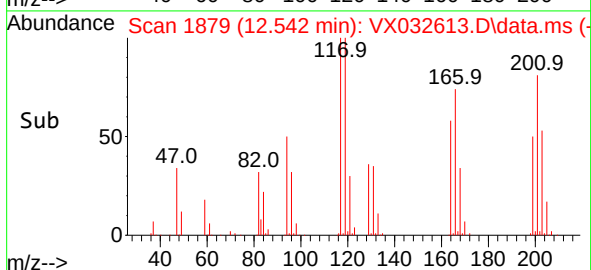
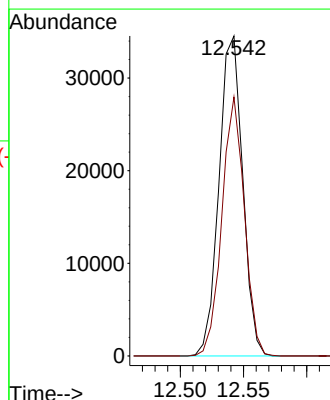
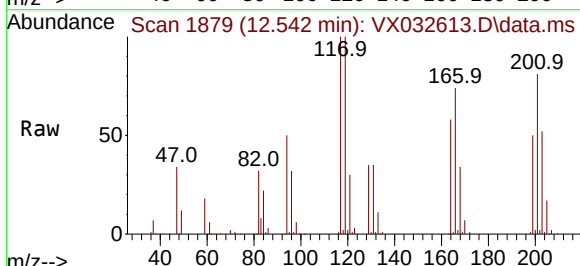
Acq: 05 Nov 2022 08:16

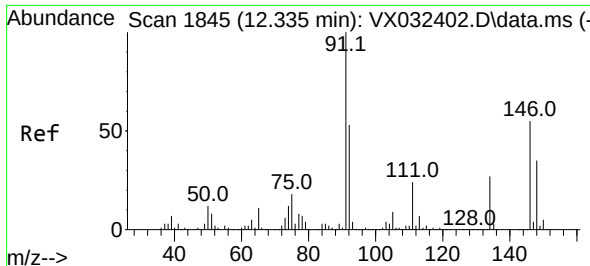
Tgt Ion:117 Resp: 44904

Ion Ratio Lower Upper

117 100

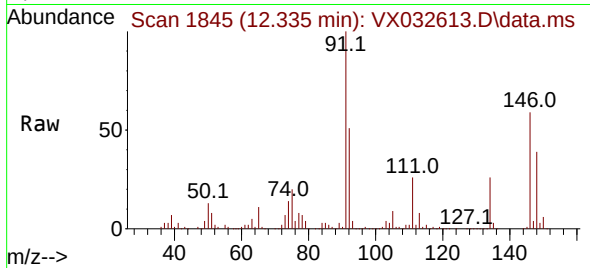
201 76.8 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 49.741 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

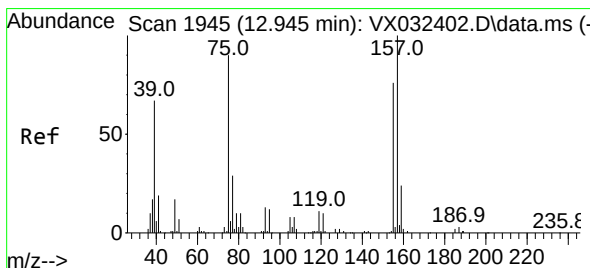
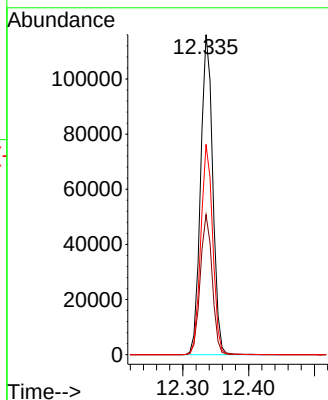
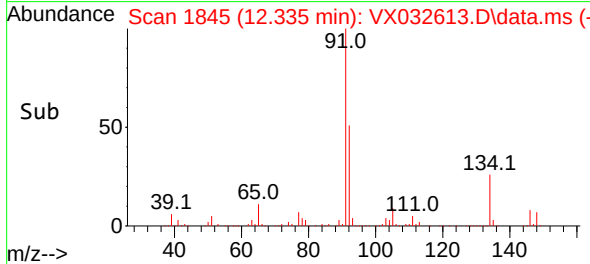
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 148239
Ion Ratio Lower Upper
146 100
111 43.0 21.5 64.5
148 64.6 32.0 96.2

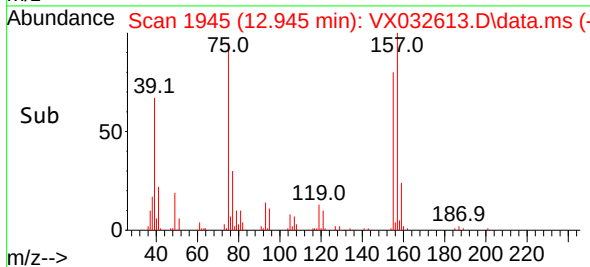
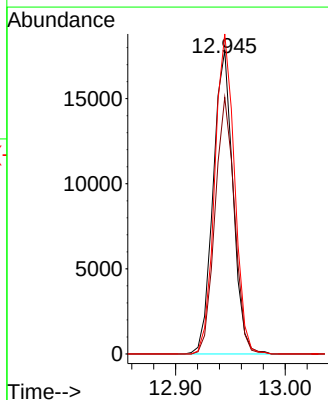
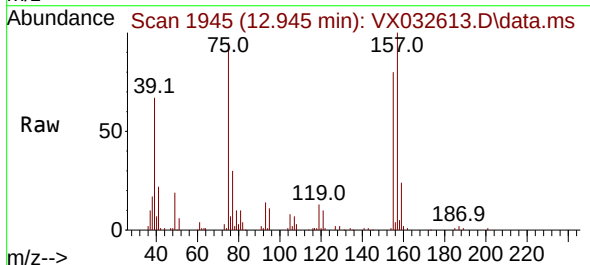
Manual Integrations
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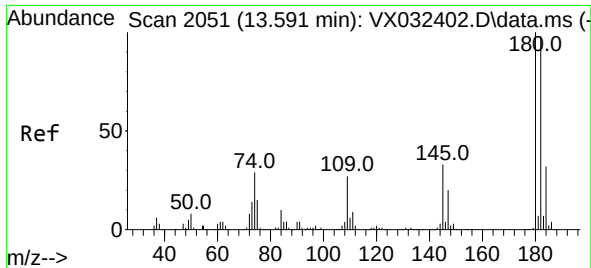
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.779 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Tgt Ion: 75 Resp: 22437
Ion Ratio Lower Upper
75 100
155 82.9 41.6 124.8
157 104.8 54.1 162.4





#93
1,2,4-Trichlorobenzene
Concen: 46.249 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Instrument :

MSVOA_X

ClientSampleId :

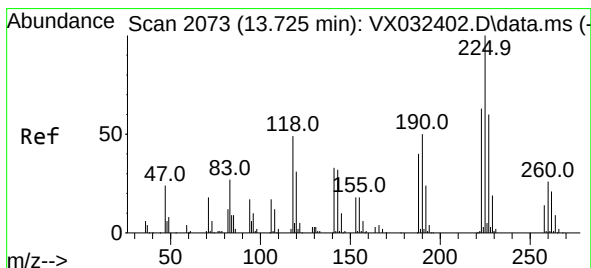
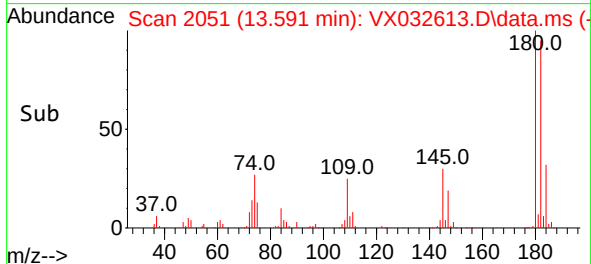
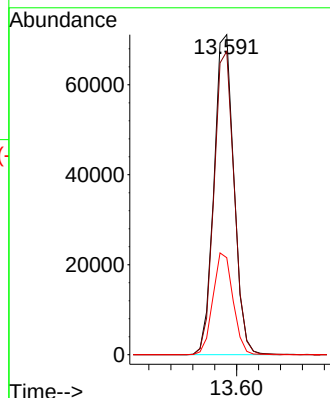
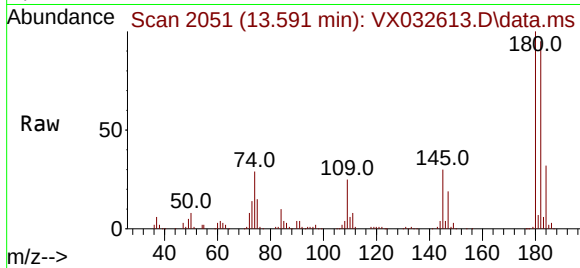
VSTDCCC050EC

Tgt Ion:180 Resp: 8987
Ion Ratio Lower Upper
180 100
182 95.6 48.4 145.0
145 32.0 16.2 48.5

Manual Integrations

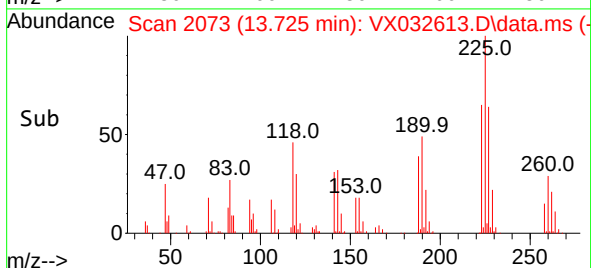
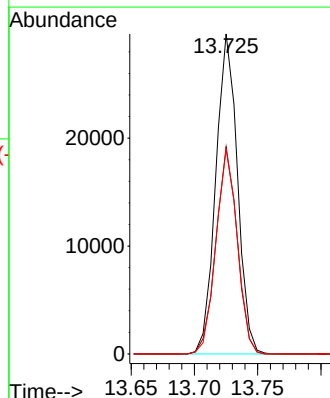
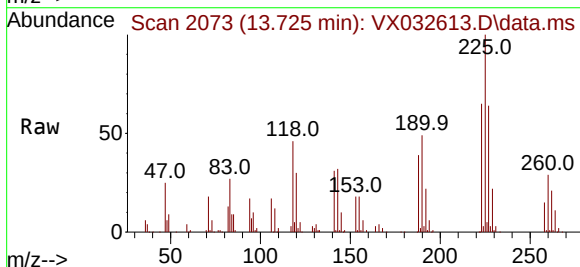
APPROVED

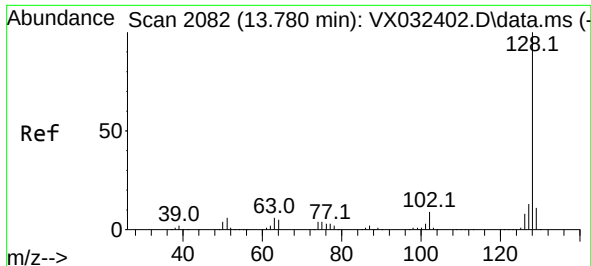
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#94
Hexachlorobutadiene
Concen: 43.393 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Tgt Ion:225 Resp: 35216
Ion Ratio Lower Upper
225 100
223 63.2 31.9 95.9
227 63.1 31.9 95.5





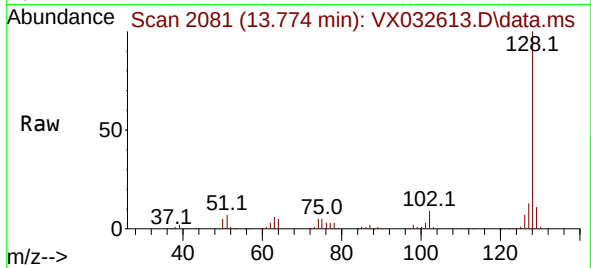
#95
Naphthalene
Concen: 47.612 ug/l
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



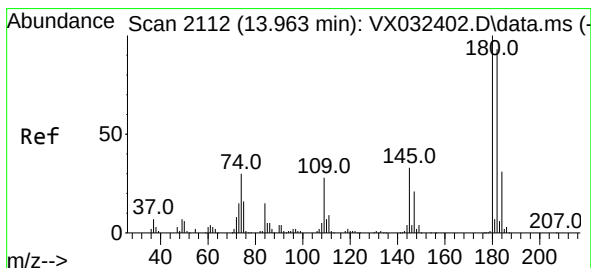
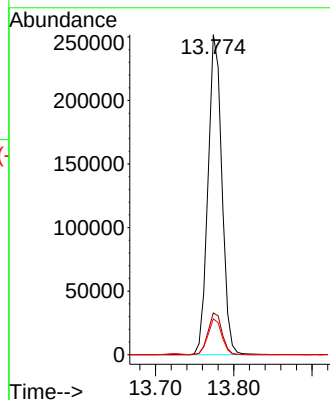
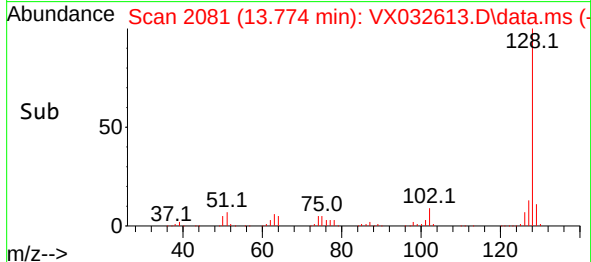
Tgt Ion:128 Resp: 308285
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 11.2 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#96
1,2,3-Trichlorobenzene
Concen: 46.480 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX032613.D
Acq: 05 Nov 2022 08:16

Tgt Ion:180 Resp: 91813
Ion Ratio Lower Upper
180 100
182 94.2 47.5 142.6
145 34.3 16.9 50.6

