

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111422\
 Data File : VX032808.D
 Acq On : 14 Nov 2022 20:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2022
 Supervised By : Mahesh Dadoda 11/15/2022

Quant Time: Nov 15 05:11:00 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	105381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	162754	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73056	49.893	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.780%			
35) Dibromofluoromethane	5.385	113	60261	51.907	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.820%			
50) Toluene-d8	8.647	98	202400	50.138	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.280%			
62) 4-Bromofluorobenzene	11.079	95	83977	53.255	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.500%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	51913	42.712	ug/l	99
3) Chloromethane	1.294	50	41319	40.199	ug/l	98
4) Vinyl Chloride	1.374	62	48836	43.171	ug/l	99
5) Bromomethane	1.618	94	39765	43.987	ug/l	97
6) Chloroethane	1.691	64	47434	62.504	ug/l	99
7) Trichlorofluoromethane	1.886	101	101196	47.212	ug/l	96
8) Diethyl Ether	2.130	74	32739	47.133	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	54305	48.002	ug/l	99
10) Methyl Iodide	2.453	142	58235	46.422	ug/l	99
11) Tert butyl alcohol	3.014	59	47305m	221.965	ug/l	
12) 1,1-Dichloroethene	2.319	96	48995	46.360	ug/l	97
13) Acrolein	2.239	56	51029	239.846	ug/l	98
14) Allyl chloride	2.666	41	81274	48.243	ug/l	99
15) Acrylonitrile	3.068	53	130654	225.893	ug/l	99
16) Acetone	2.392	43	111956	210.371	ug/l	98
17) Carbon Disulfide	2.514	76	104748	41.613	ug/l	100
18) Methyl Acetate	2.703	43	86316	49.876	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	189312	50.967	ug/l	100
20) Methylene Chloride	2.788	84	56806	46.555	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	53963	46.910	ug/l	99
22) Diisopropyl ether	3.757	45	191721	52.614	ug/l	89
23) Vinyl Acetate	3.721	43	709209	240.900	ug/l	99
24) 1,1-Dichloroethane	3.611	63	104176	49.703	ug/l	100
25) 2-Butanone	4.562	43	177001	214.676	ug/l	99
26) 2,2-Dichloropropane	4.477	77	83147	49.904	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	68515	51.527	ug/l	99
28) Bromochloromethane	4.897	49	34020	45.568	ug/l	96
29) Tetrahydrofuran	5.007	42	114234	217.276	ug/l	98
30) Chloroform	5.093	83	122253	53.156	ug/l	100
31) Cyclohexane	5.471	56	80971	45.608	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	108335	52.492	ug/l	99
36) 1,1-Dichloropropene	5.690	75	80215	49.618	ug/l	100
37) Ethyl Acetate	4.715	43	74203	44.095	ug/l	98
38) Carbon Tetrachloride	5.678	117	95126	53.051	ug/l	97
39) Methylcyclohexane	7.379	83	89104	46.584	ug/l	99
40) Benzene	6.037	78	231543	50.612	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	42816	49.946	ug/l	97
42) 1,2-Dichloroethane	6.086	62	97641	52.211	ug/l	100
43) Isopropyl Acetate	6.342	43	126447	48.939	ug/l	99
44) Trichloroethene	7.123	130	65173	50.605	ug/l	98
45) 1,2-Dichloropropane	7.427	63	61240	52.147	ug/l	98
46) Dibromomethane	7.580	93	45725	50.769	ug/l	98
47) Bromodichloromethane	7.824	83	96202	56.359	ug/l	99
48) Methyl methacrylate	7.696	41	64637	48.438	ug/l	99
49) 1,4-Dioxane	7.714	88	21807	857.504	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	389223	239.159	ug/l	100
52) Toluene	8.720	92	153827	51.537	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	95972	55.105	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	101284	54.372	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	66499	52.902	ug/l	99
56) Ethyl methacrylate	9.116	69	94042	51.987	ug/l	99
57) 1,3-Dichloropropane	9.311	76	105622	52.032	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	219619	252.139	ug/l	99
59) 2-Hexanone	9.433	43	278637	230.737	ug/l	99
60) Dibromochloromethane	9.519	129	78885	57.455	ug/l	100
61) 1,2-Dibromoethane	9.610	107	70177	52.689	ug/l	99
64) Tetrachloroethene	9.275	164	55598	50.832	ug/l	98
65) Chlorobenzene	10.079	112	175114	52.313	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	69535	55.193	ug/l	99
67) Ethyl Benzene	10.195	91	314634	52.562	ug/l	100
68) m/p-Xylenes	10.305	106	242675	104.403	ug/l	100
69) o-Xylene	10.640	106	120793	53.449	ug/l	99
70) Styrene	10.659	104	204069	54.333	ug/l	99
71) Bromoform	10.799	173	57919	58.146	ug/l #	99
73) Isopropylbenzene	10.963	105	327195	50.642	ug/l	100
74) N-amyl acetate	10.842	43	114972	47.096	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	99618	48.035	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	88408m	48.738	ug/l	
77) Bromobenzene	11.201	156	80628	50.902	ug/l	99
78) n-propylbenzene	11.305	91	374325	50.286	ug/l	100
79) 2-Chlorotoluene	11.366	91	224093	50.268	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	279288	50.578	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	27747	48.674	ug/l	98
82) 4-Chlorotoluene	11.457	91	262476	50.317	ug/l	99
83) tert-Butylbenzene	11.713	119	285366	51.763	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	275854	50.227	ug/l	99
85) sec-Butylbenzene	11.890	105	335753	50.614	ug/l	100
86) p-Isopropyltoluene	12.012	119	288280	51.215	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	152424	51.013	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	155221	50.075	ug/l	97
89) n-Butylbenzene	12.335	91	244193	49.867	ug/l	99
90) Hexachloroethane	12.536	117	49622	53.972	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	149557	50.763	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20591	45.284	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	93449	48.646	ug/l	99
94) Hexachlorobutadiene	13.725	225	39974	49.825	ug/l	97
95) Naphthalene	13.774	128	301574	47.114	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	94902	48.600	ug/l	99

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

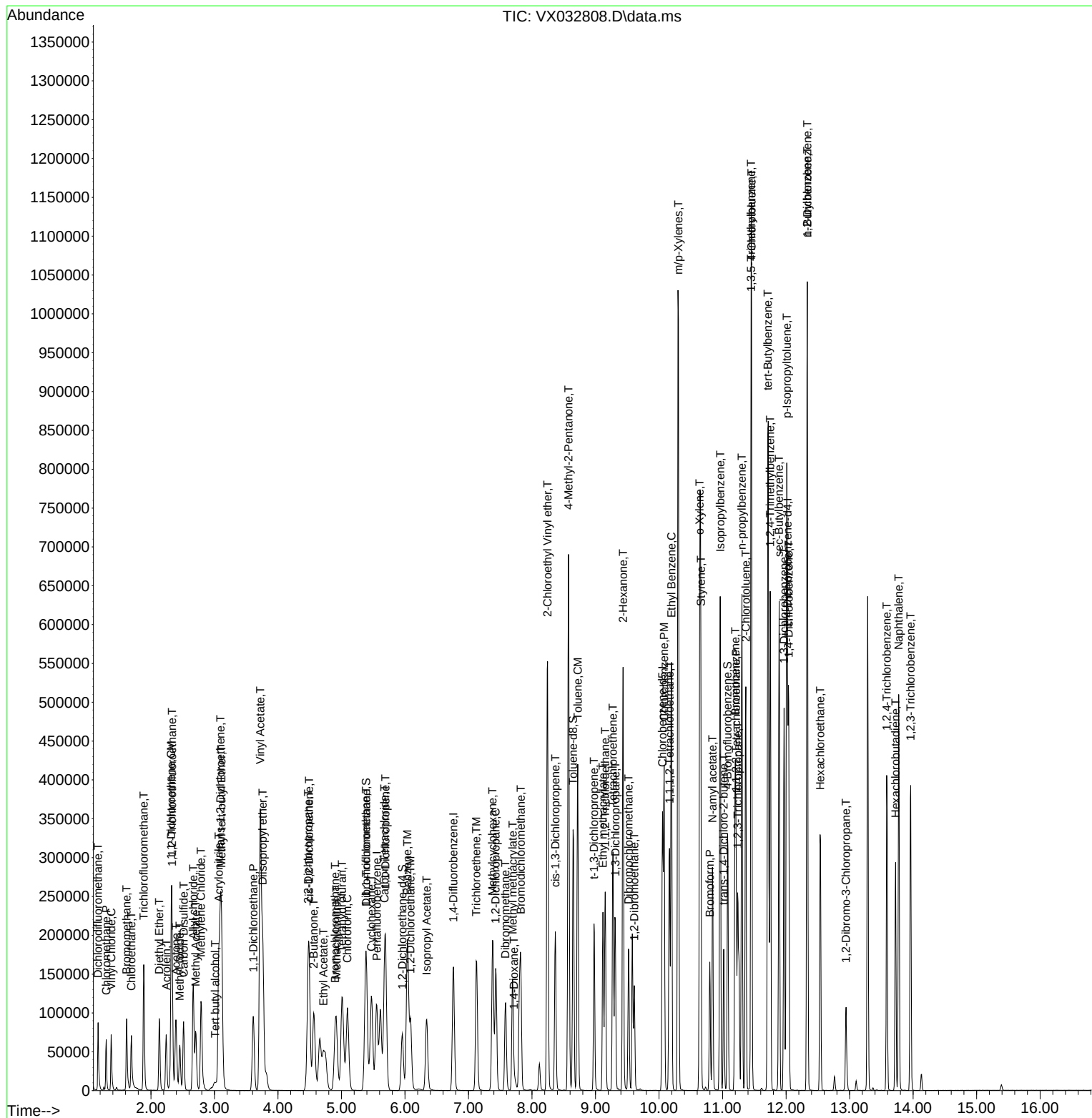
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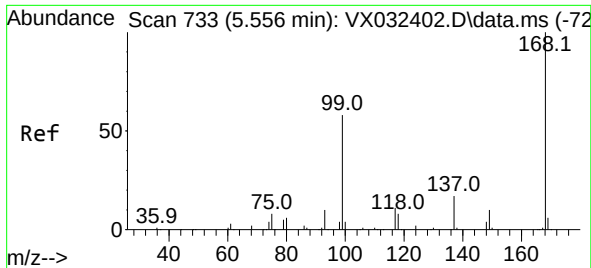
Instrument :
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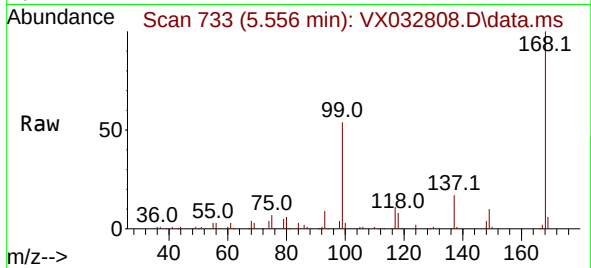
Reviewed By : John Carlone 11/15/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032808.D
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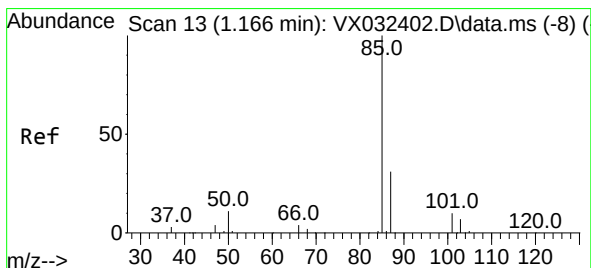
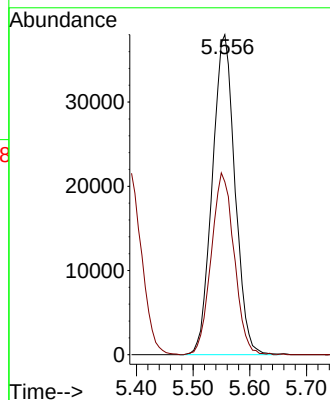
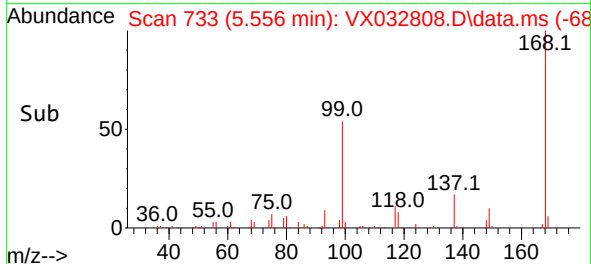
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 10538
Ion Ratio Lower Upper
168 100
99 54.0 46.1 69.1

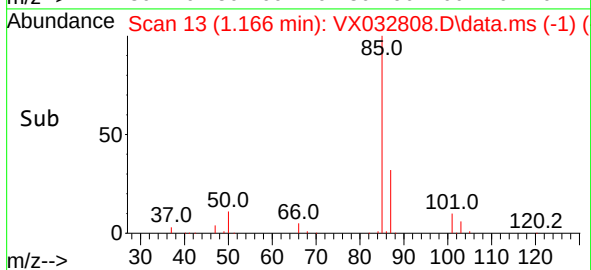
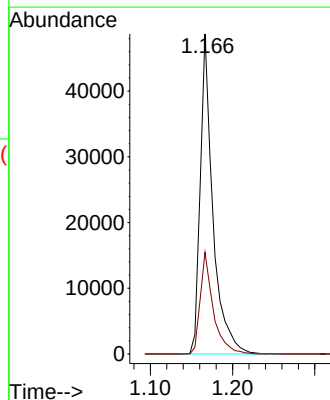
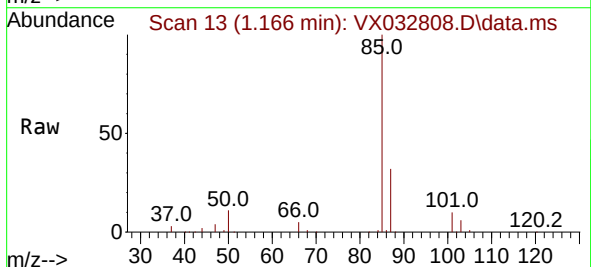
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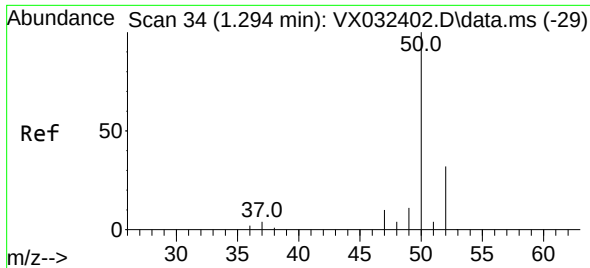
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#2
Dichlorodifluoromethane
Concen: 42.712 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

Tgt Ion: 85 Resp: 51913
Ion Ratio Lower Upper
85 100
87 31.8 15.6 46.7





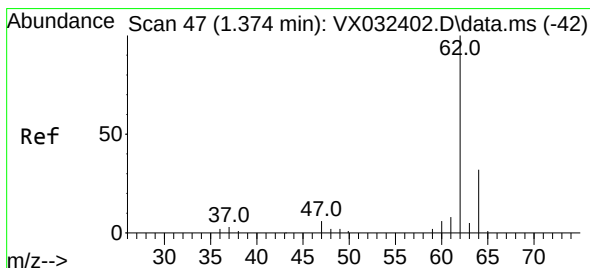
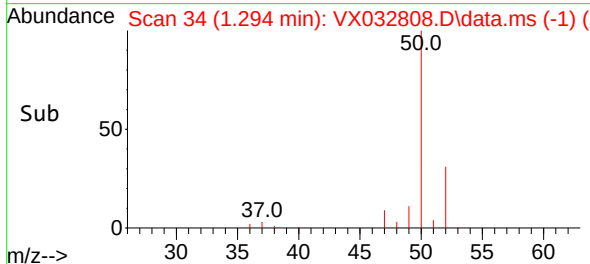
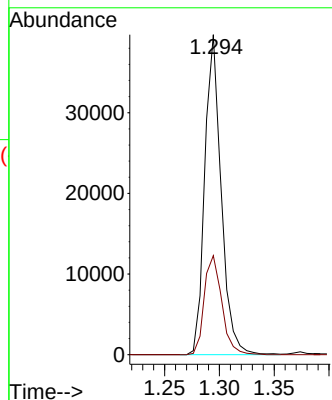
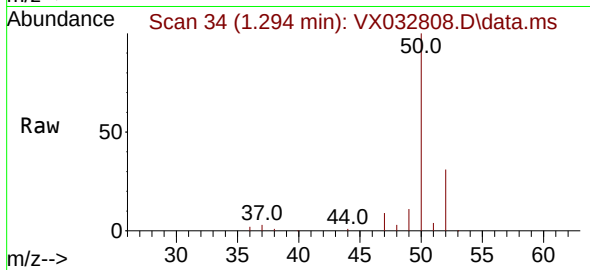
#3
Chloromethane
Concen: 40.199 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

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Tgt Ion: 50 Resp: 41319
Ion Ratio Lower Upper
50 100
52 31.0 25.4 38.2

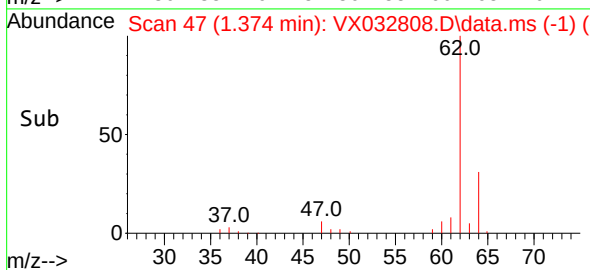
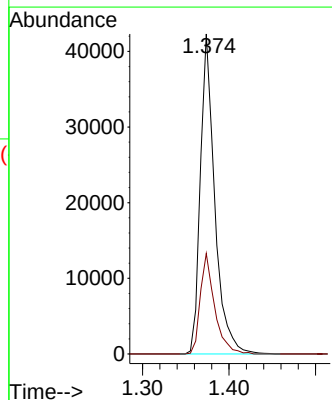
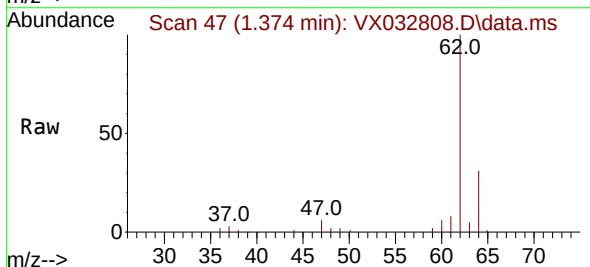
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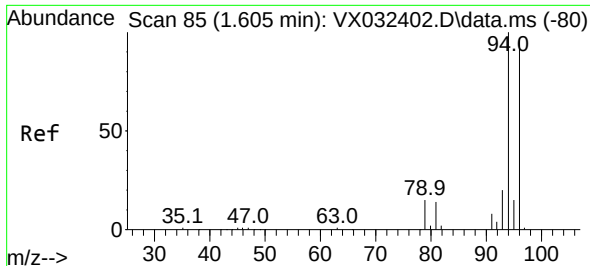
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#4
Vinyl Chloride
Concen: 43.171 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

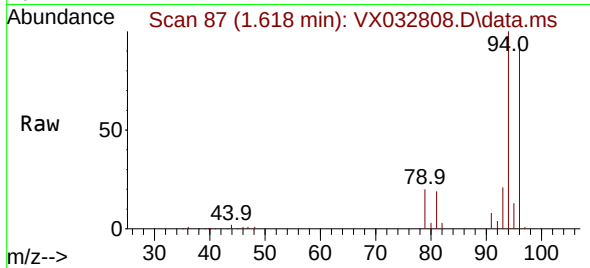
Tgt Ion: 62 Resp: 48836
Ion Ratio Lower Upper
62 100
64 31.4 25.8 38.6





#5
Bromomethane
Concen: 43.987 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

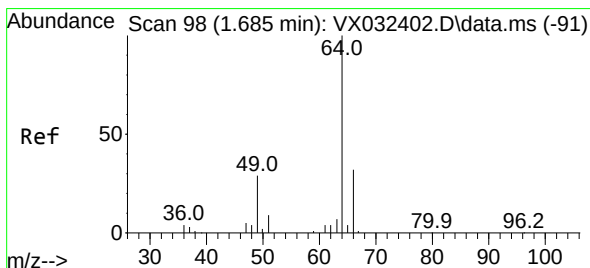
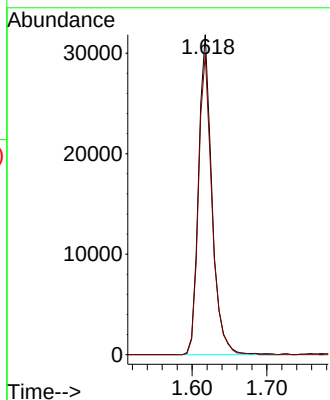
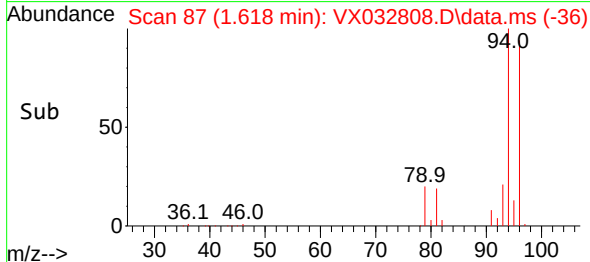
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Tgt Ion: 94 Resp: 3976
Ion Ratio Lower Upper
94 100
96 93.9 77.6 116.4

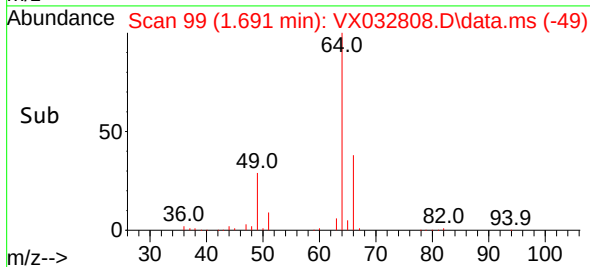
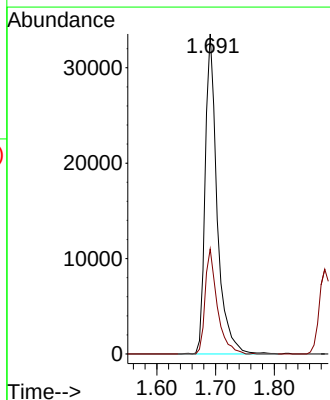
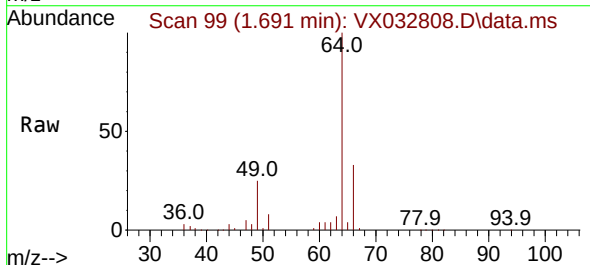
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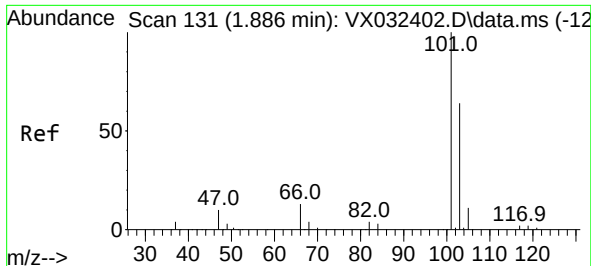
Reviewed By :John Carlone 11/15/2022
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#6
Chloroethane
Concen: 62.504 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

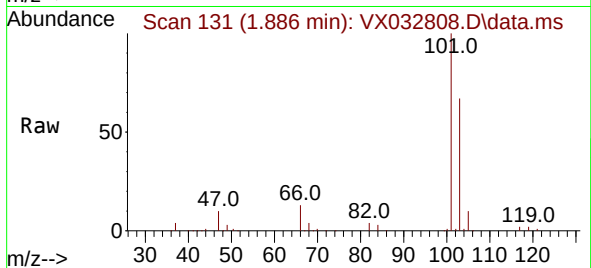
Tgt Ion: 64 Resp: 47434
Ion Ratio Lower Upper
64 100
66 32.8 26.0 39.0





#7
Trichlorofluoromethane
Concen: 47.212 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032808.D
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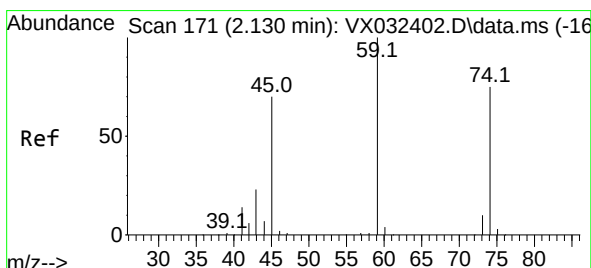
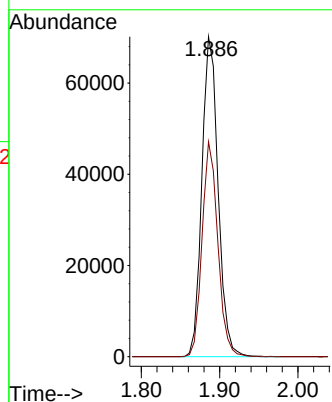
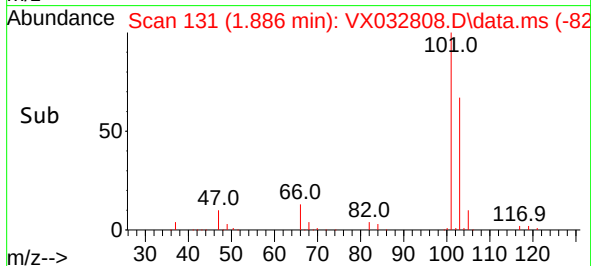
Instrument :
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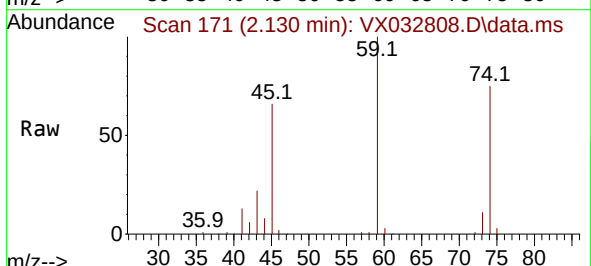
Tgt Ion:101 Resp: 101190
Ion Ratio Lower Upper
101 100
103 67.2 51.4 77.2

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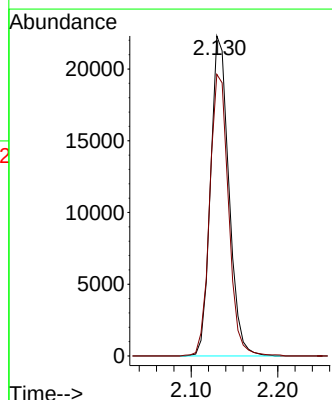
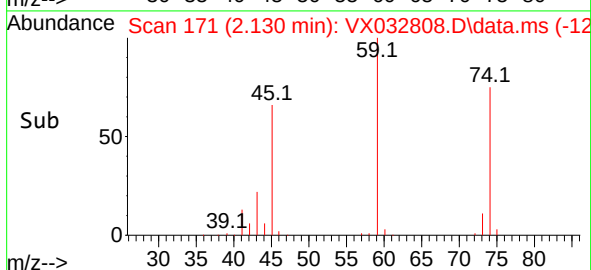
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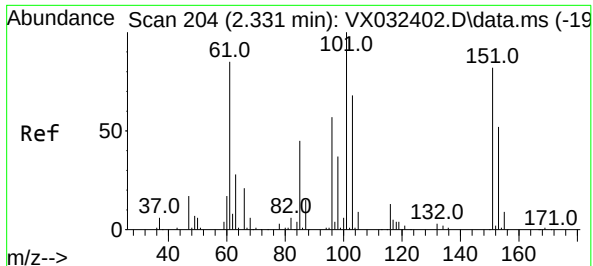


#8
Diethyl Ether
Concen: 47.133 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX032808.D
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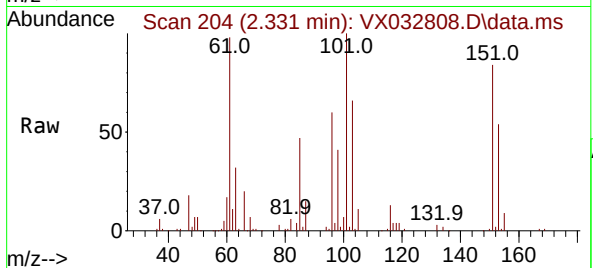
Tgt Ion: 74 Resp: 32739
Ion Ratio Lower Upper
74 100
45 90.7 46.6 139.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.002 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

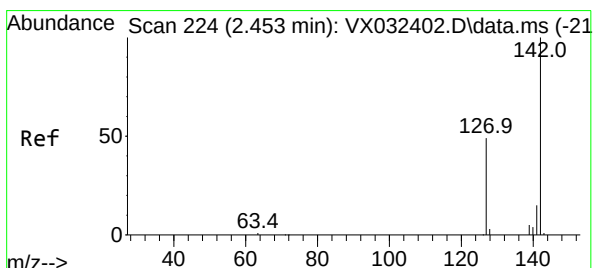
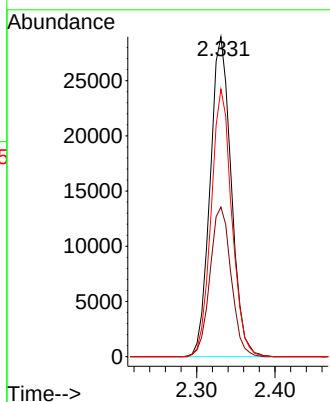
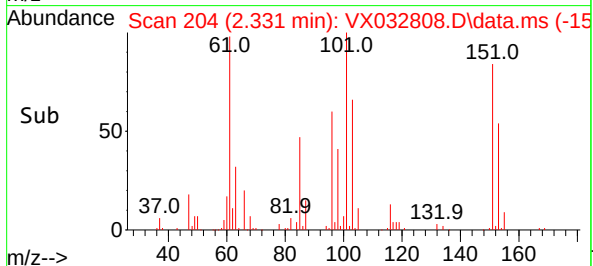
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



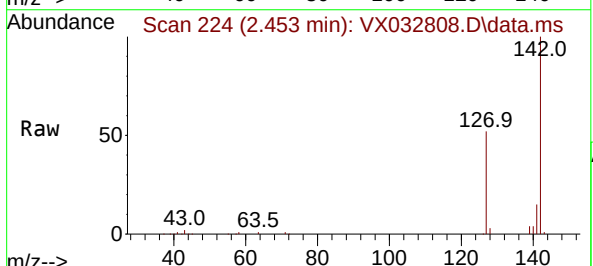
Tgt Ion:101 Resp: 5430
Ion Ratio Lower Upper
101 100
85 46.7 37.0 55.4
151 81.8 64.4 96.6

Manual Integrations
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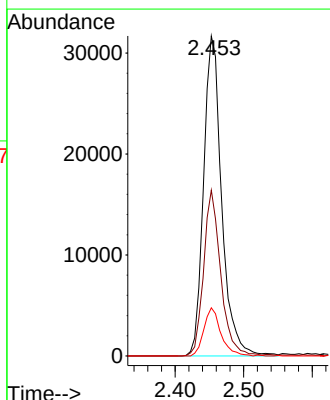
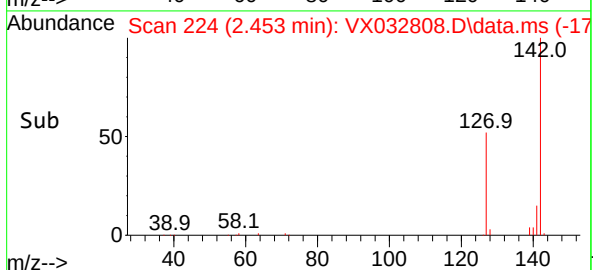
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

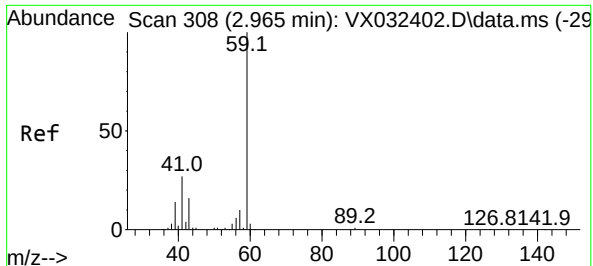


#10
Methyl Iodide
Concen: 46.422 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27



Tgt Ion:142 Resp: 58235
Ion Ratio Lower Upper
142 100
127 48.9 38.6 57.8
141 14.1 11.4 17.2





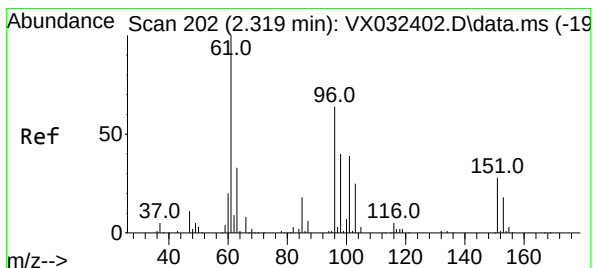
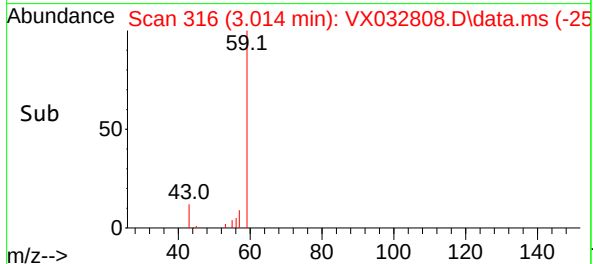
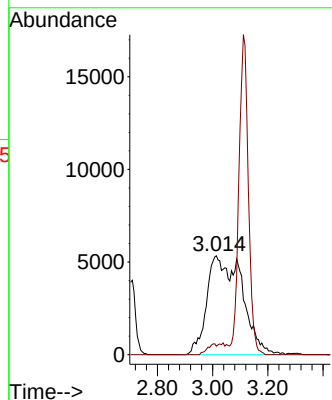
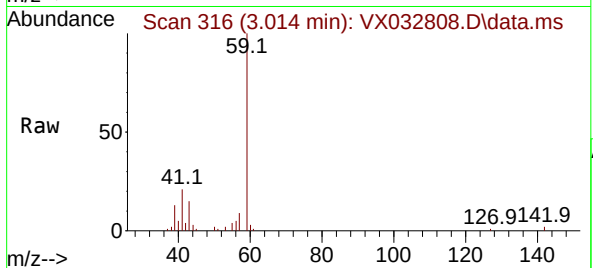
#11
Tert butyl alcohol
Concen: 221.965 ug/l m
RT: 3.014 min Scan# 316
Delta R.T. 0.049 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 47305
Ion Ratio Lower Upper
59 100
57 2.8 8.2 12.4

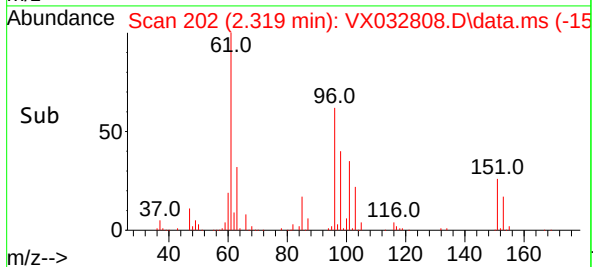
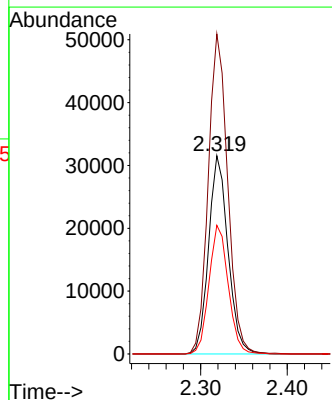
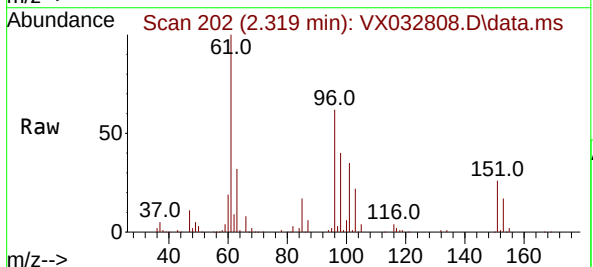
Manual Integrations
APPROVED

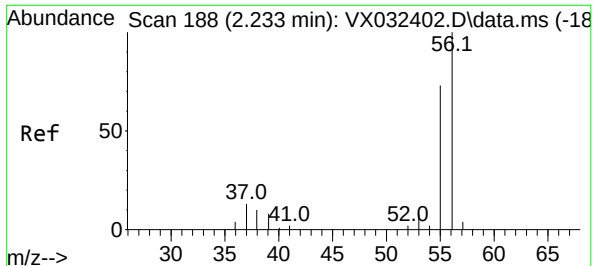
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#12
1,1-Dichloroethene
Concen: 46.360 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

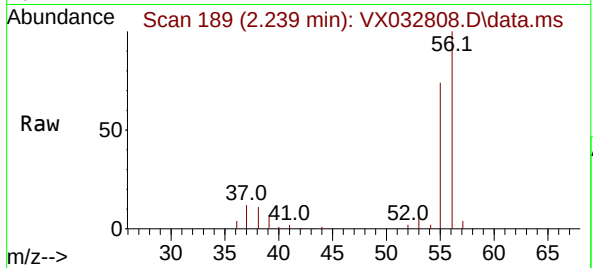
Tgt Ion: 96 Resp: 48995
Ion Ratio Lower Upper
96 100
61 161.4 125.1 187.7
98 64.9 50.6 76.0





#13
Acrolein
Concen: 239.846 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

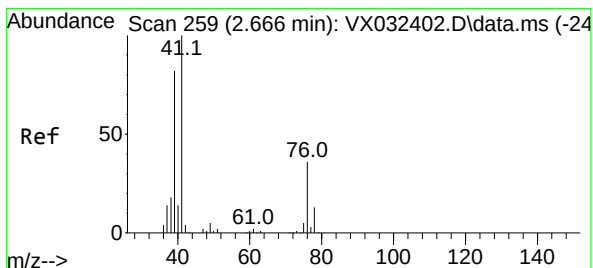
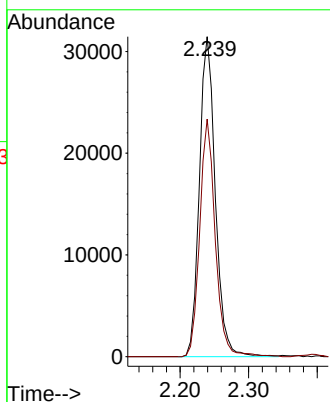
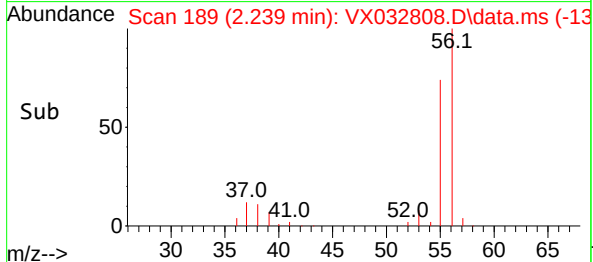
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 51029
Ion Ratio Lower Upper
56 100
55 72.4 56.9 85.3

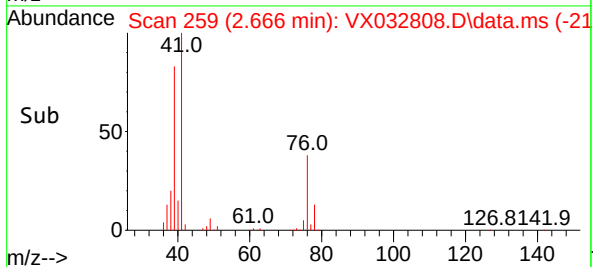
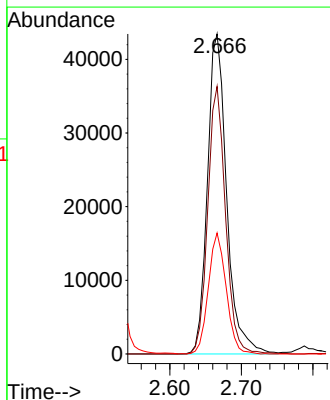
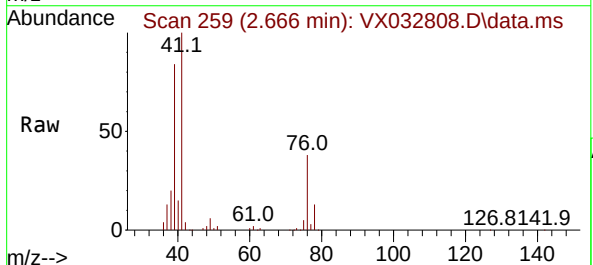
Manual Integrations
APPROVED

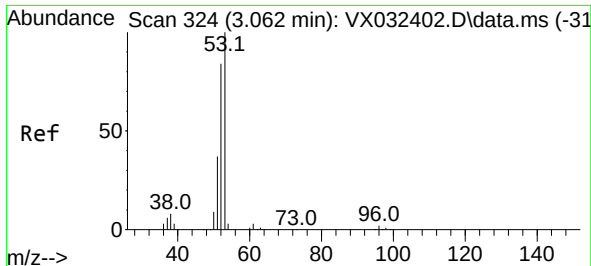
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#14
Allyl chloride
Concen: 48.243 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

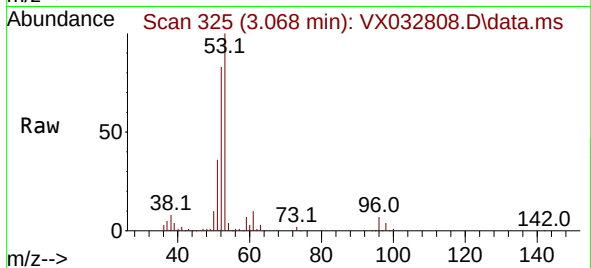
Tgt Ion: 41 Resp: 81274
Ion Ratio Lower Upper
41 100
39 77.2 61.4 92.2
76 35.1 29.2 43.8





#15
Acrylonitrile
Concen: 225.893 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

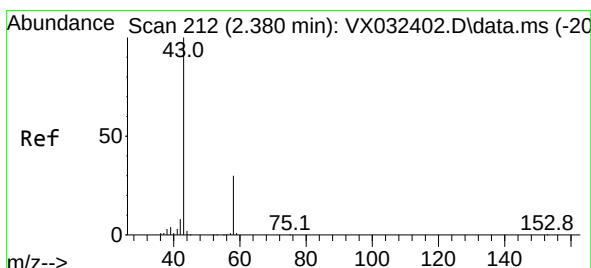
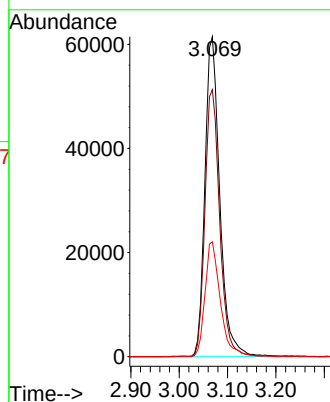
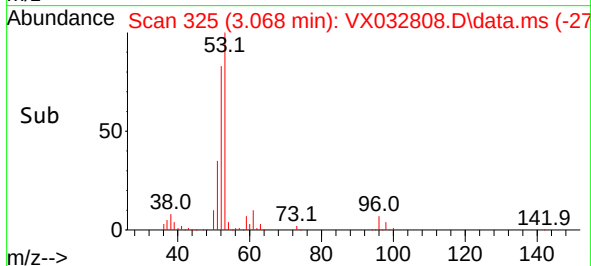
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 130654
Ion Ratio Lower Upper
53 100
52 83.4 67.4 101.0
51 37.4 30.3 45.5

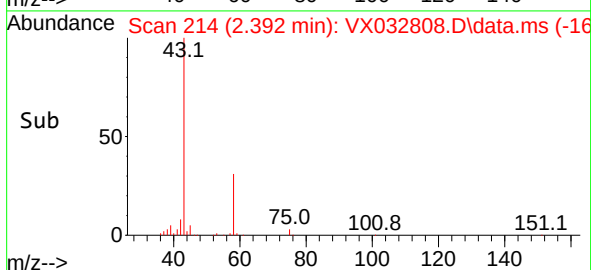
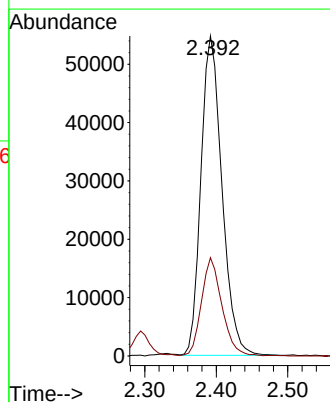
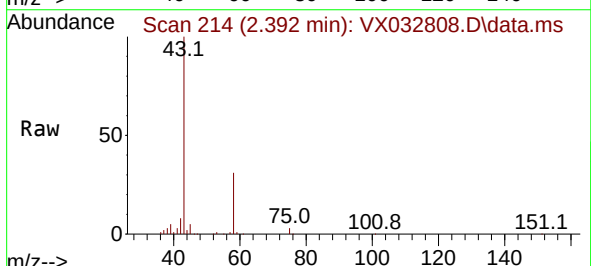
Manual Integrations
APPROVED

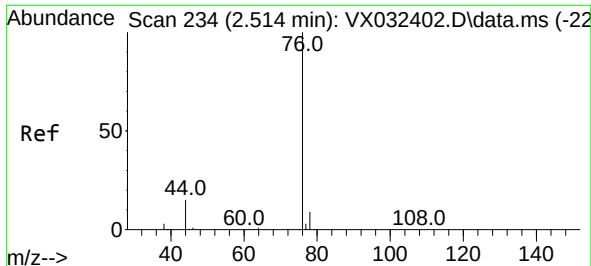
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#16
Acetone
Concen: 210.371 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

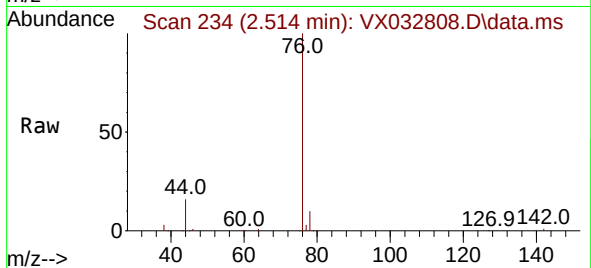
Tgt Ion: 43 Resp: 111956
Ion Ratio Lower Upper
43 100
58 30.6 23.8 35.8





#17
Carbon Disulfide
Concen: 41.613 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

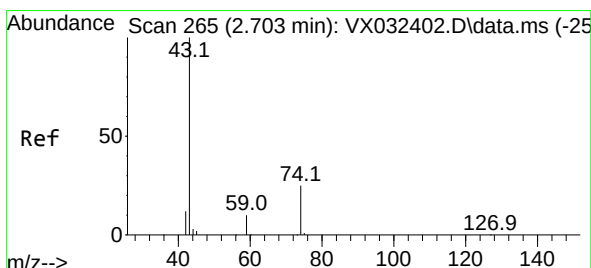
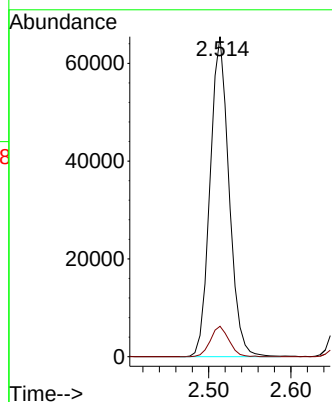
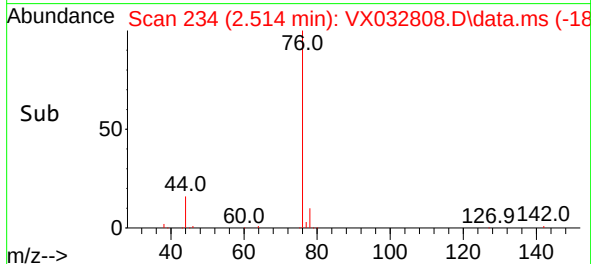
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 104748
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

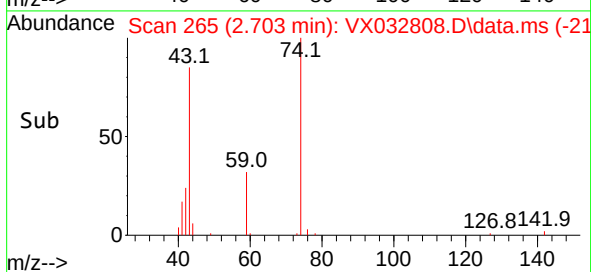
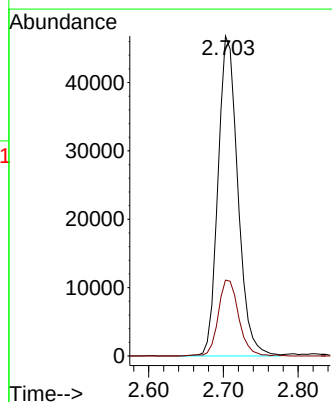
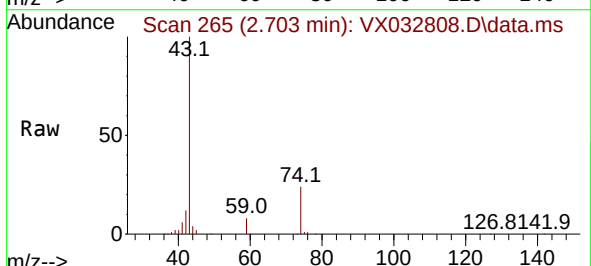
Manual Integrations
APPROVED

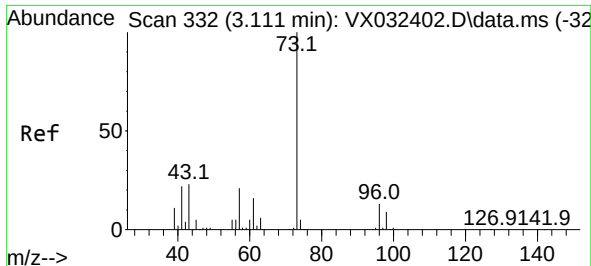
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#18
Methyl Acetate
Concen: 49.876 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

Tgt Ion: 43 Resp: 86316
Ion Ratio Lower Upper
43 100
74 24.5 19.4 29.0





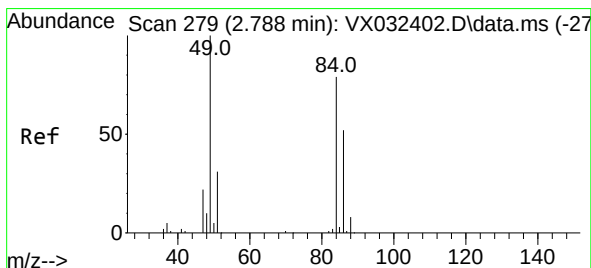
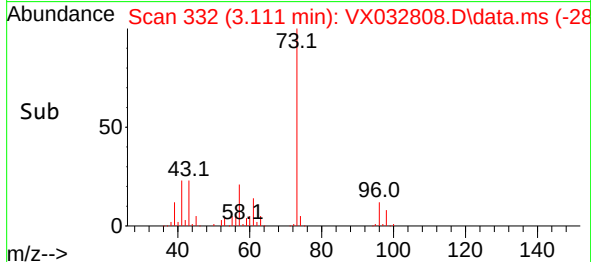
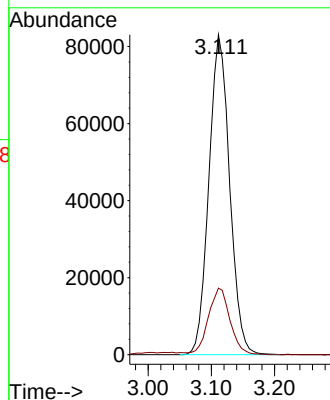
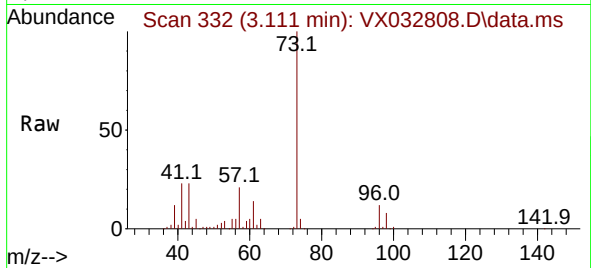
#19
Methyl tert-butyl Ether
Concen: 50.967 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 18931
Ion Ratio Lower Upper
73 100
57 20.8 16.6 25.0

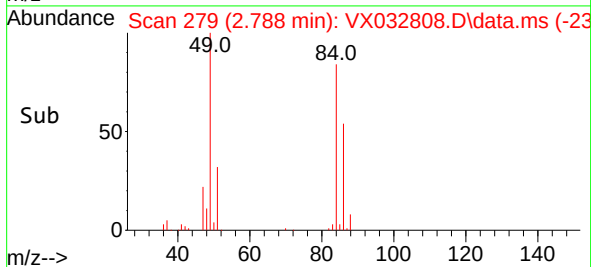
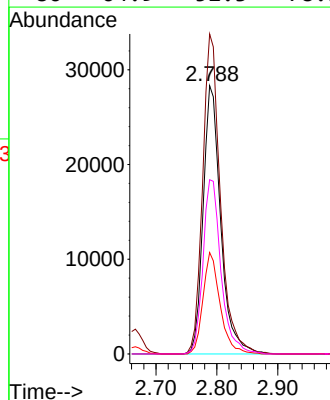
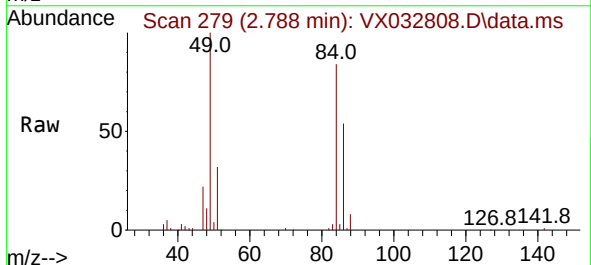
Manual Integrations
APPROVED

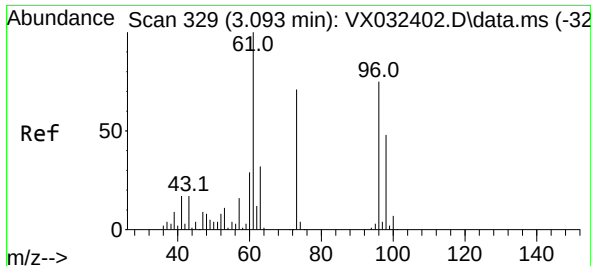
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#20
Methylene Chloride
Concen: 46.555 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

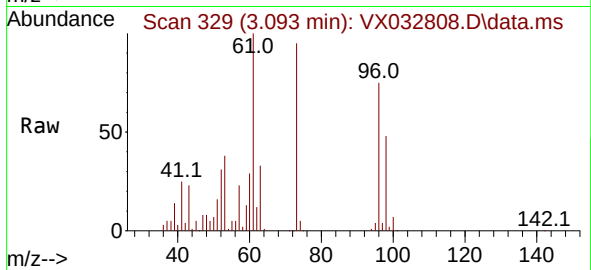
Tgt Ion: 84 Resp: 56806
Ion Ratio Lower Upper
84 100
49 119.3 101.0 151.6
51 37.8 31.1 46.7
86 64.9 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 46.910 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

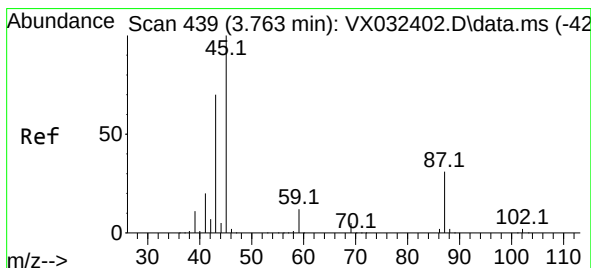
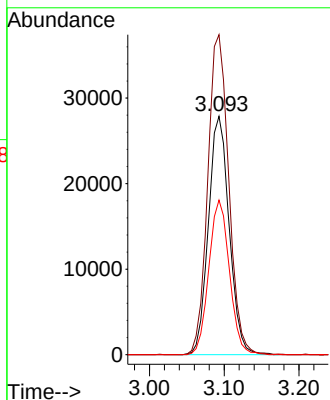
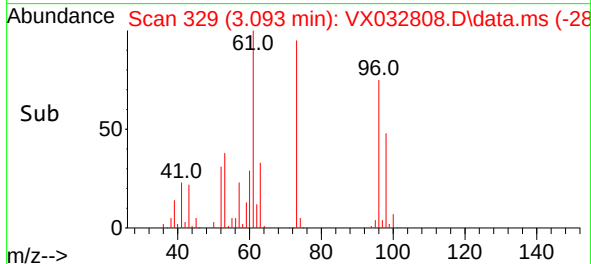
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 5396
Ion Ratio Lower Upper
96 100
61 134.2 106.6 160.0
98 64.8 51.0 76.6

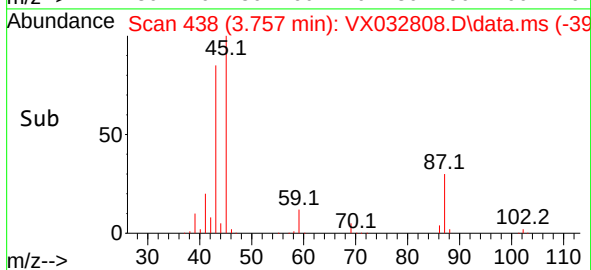
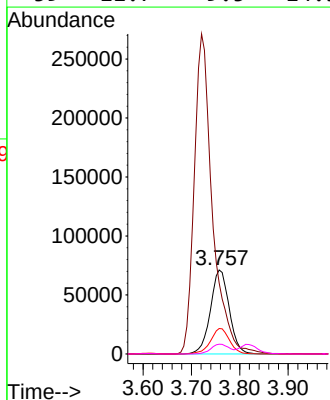
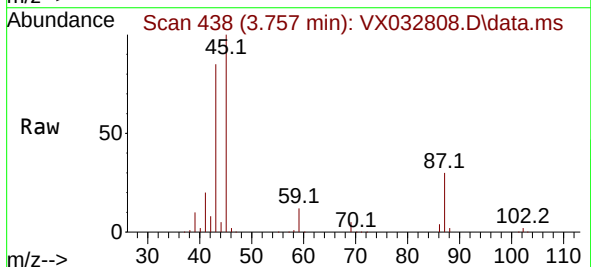
Manual Integrations
APPROVED

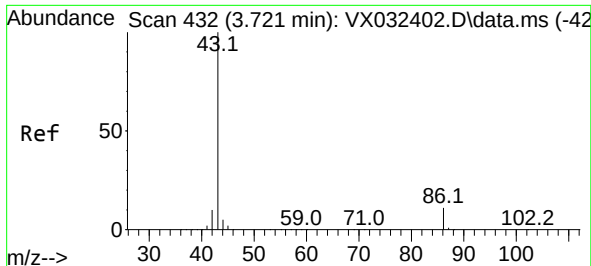
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#22
Diisopropyl ether
Concen: 52.614 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

Tgt Ion: 45 Resp: 191721
Ion Ratio Lower Upper
45 100
43 84.2 56.4 84.6
87 30.2 24.4 36.6
59 11.7 9.5 14.3





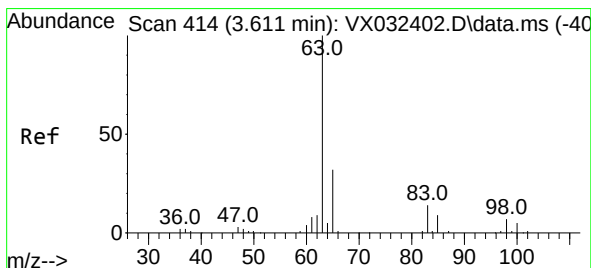
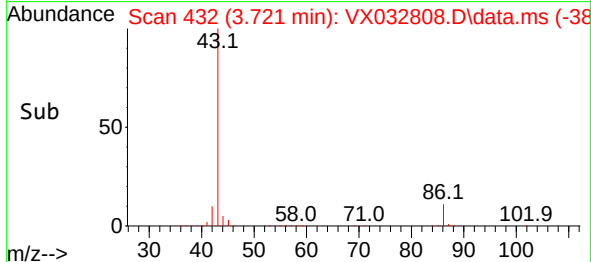
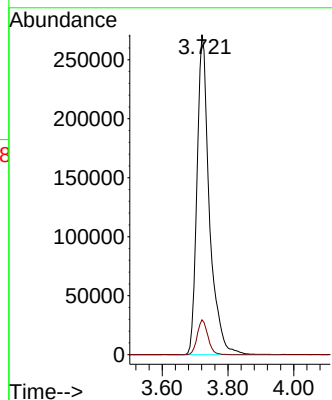
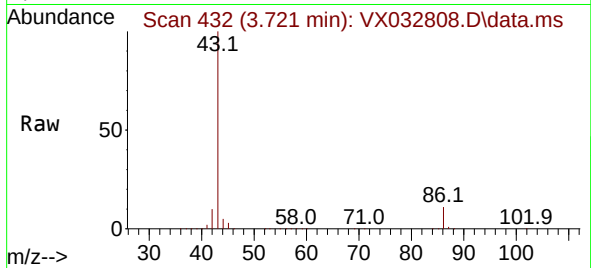
#23
 Vinyl Acetate
 Concen: 240.900 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX032808.D
 Acq: 14 Nov 2022 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 709209
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 12.8

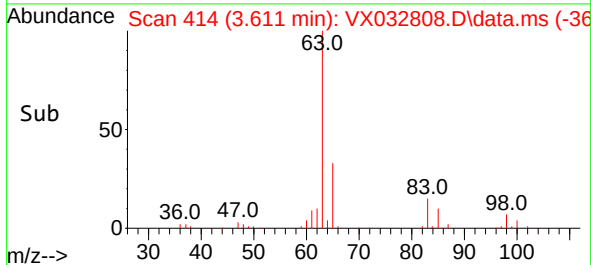
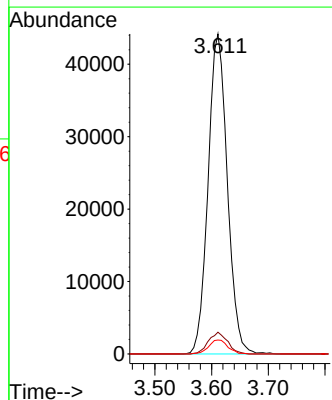
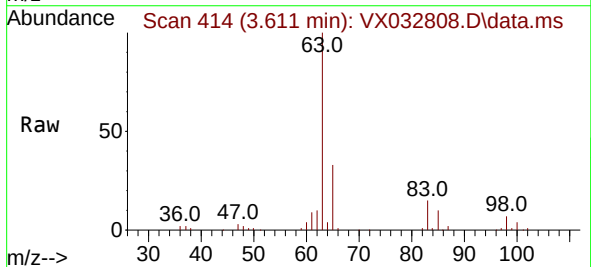
Manual Integrations
 APPROVED

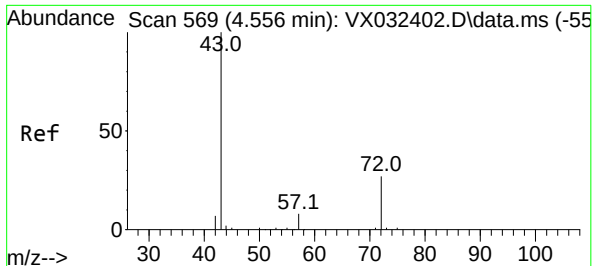
Reviewed By :John Carlone 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022



#24
 1,1-Dichloroethane
 Concen: 49.703 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX032808.D
 Acq: 14 Nov 2022 20:27

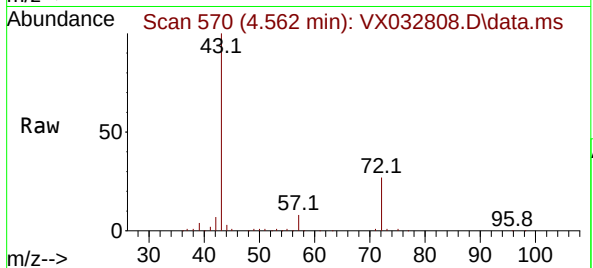
Tgt Ion: 63 Resp: 104176
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 4.4 2.3 6.8





#25
2-Butanone
Concen: 214.676 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

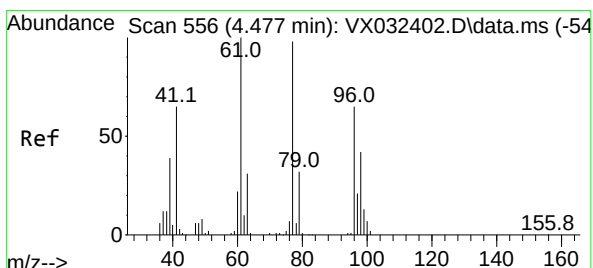
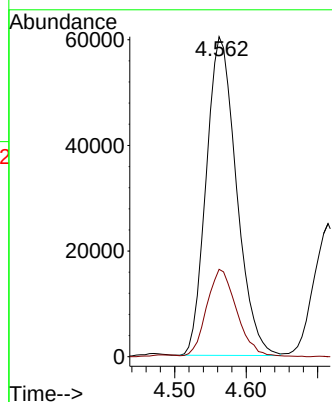
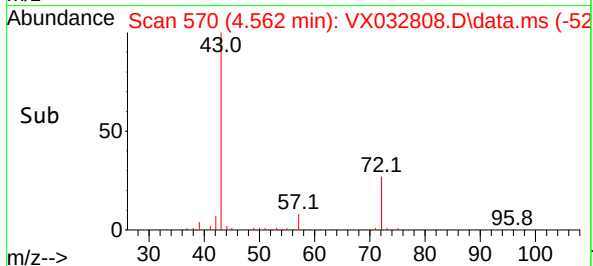
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 17700
Ion Ratio Lower Upper
43 100
72 27.2 22.2 33.2

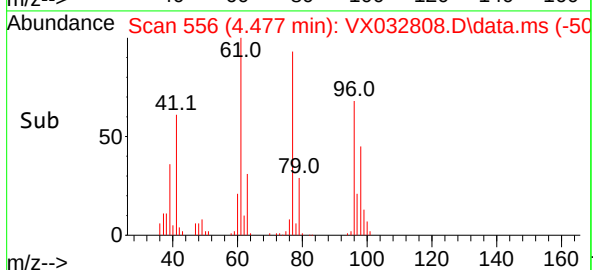
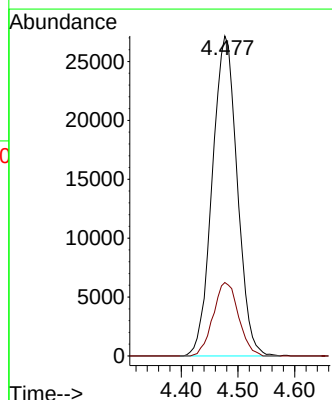
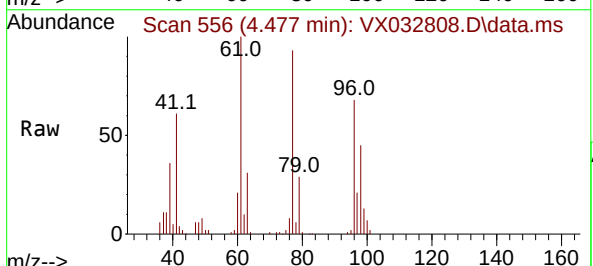
Manual Integrations
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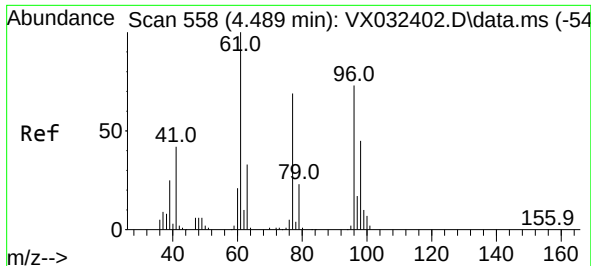
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#26
2,2-Dichloropropane
Concen: 49.904 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

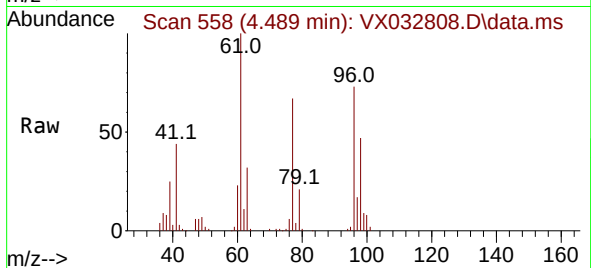
Tgt Ion: 77 Resp: 83147
Ion Ratio Lower Upper
77 100
97 23.3 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 51.527 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX032808.D
 Acq: 14 Nov 2022 20:27

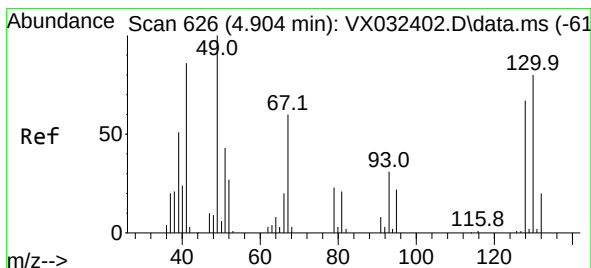
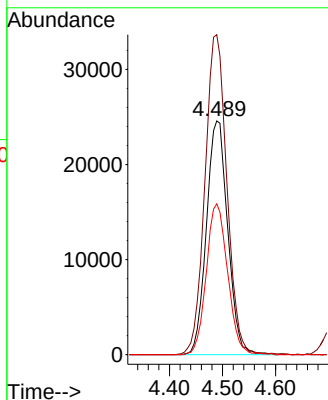
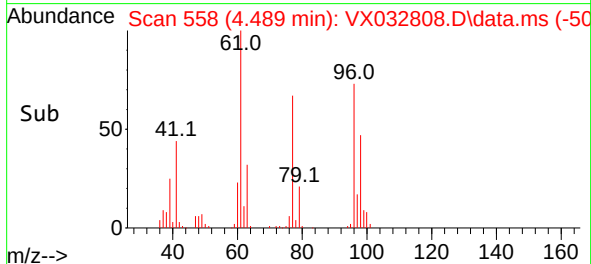
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 6851
 Ion Ratio Lower Upper
 96 100
 61 141.0 0.0 286.0
 98 64.7 0.0 129.6

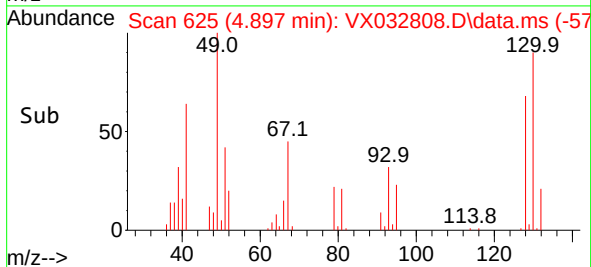
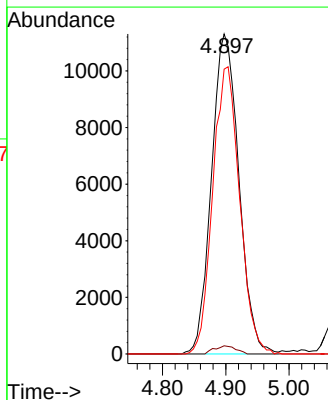
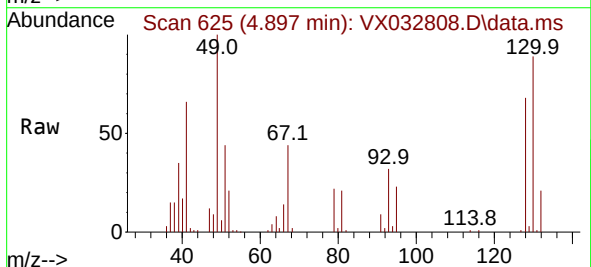
Manual Integrations
 APPROVED

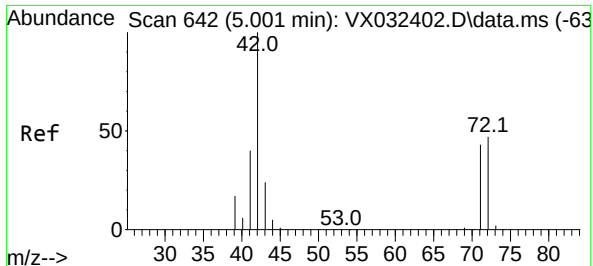
Reviewed By :John Carlone 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022



#28
 Bromochloromethane
 Concen: 45.568 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX032808.D
 Acq: 14 Nov 2022 20:27

Tgt Ion: 49 Resp: 34020
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 87.9 67.5 101.3





#29

Tetrahydrofuran

Concen: 217.276 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX032808.D

Acq: 14 Nov 2022 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 114234

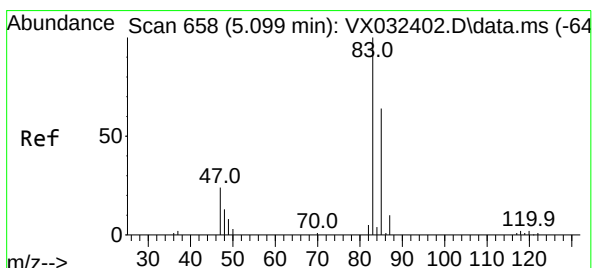
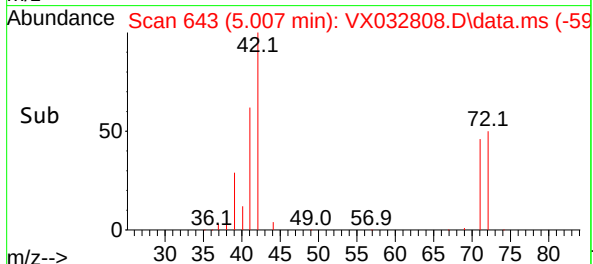
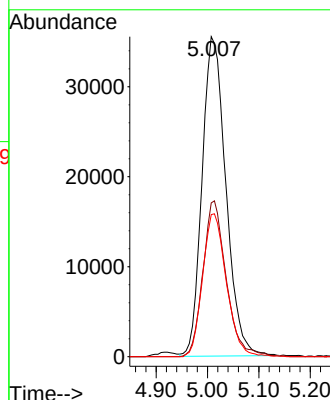
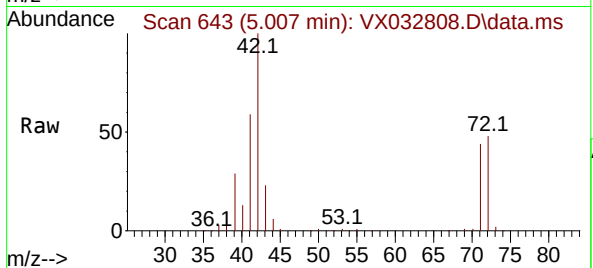
Ion	Ratio	Lower	Upper
42	100		
72	47.7	37.6	56.4
71	44.8	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#30

Chloroform

Concen: 53.156 ug/l

RT: 5.093 min Scan# 657

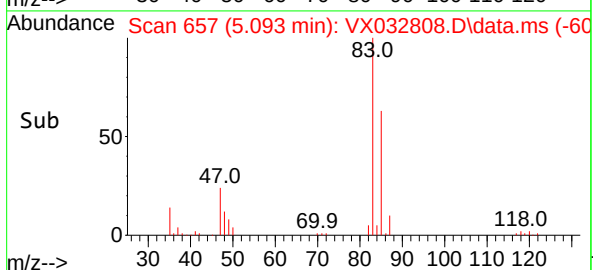
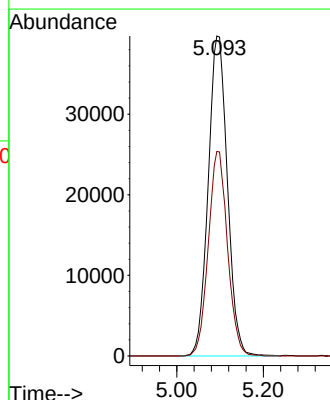
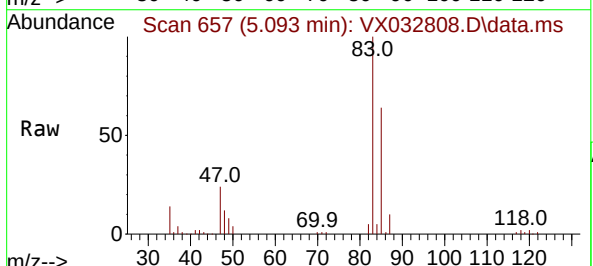
Delta R.T. -0.006 min

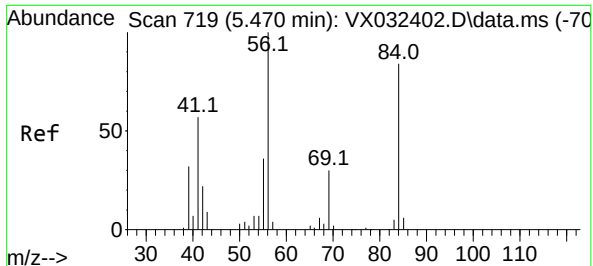
Lab File: VX032808.D

Acq: 14 Nov 2022 20:27

Tgt Ion: 83 Resp: 122253

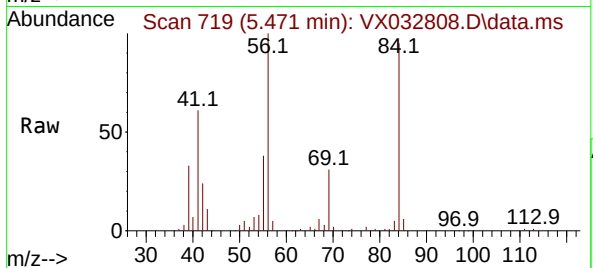
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.1	76.7





#31
Cyclohexane
Concen: 45.608 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

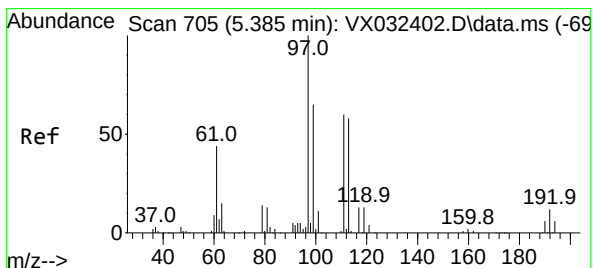
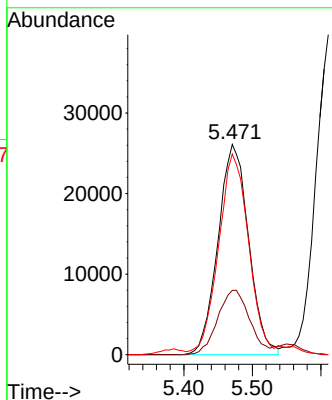
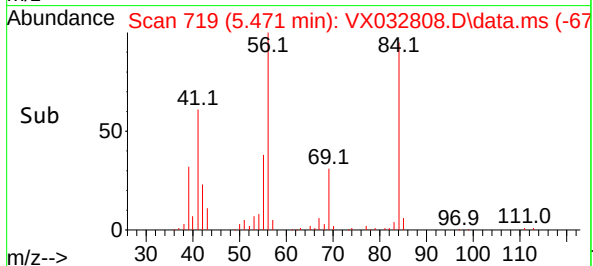
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



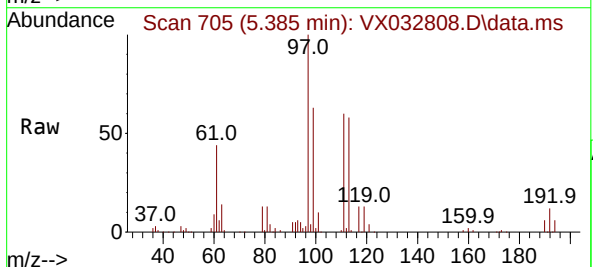
Tgt Ion: 56 Resp: 8097
Ion Ratio Lower Upper
56 100
69 30.6 24.1 36.1
84 93.2 66.9 100.3

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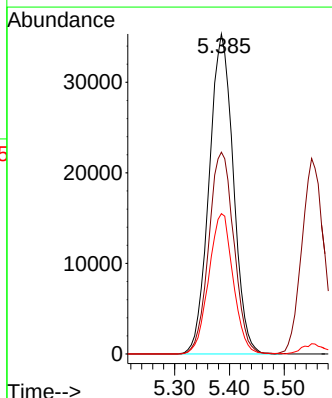
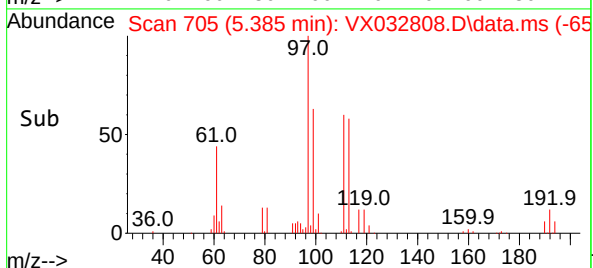
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

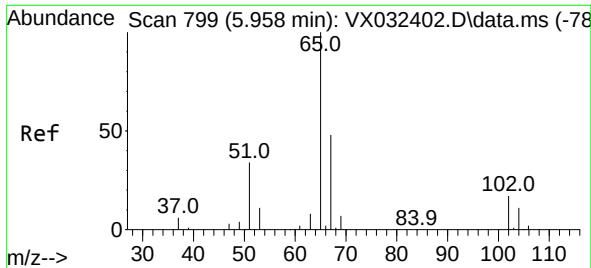


#32
1,1,1-Trichloroethane
Concen: 52.492 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27



Tgt Ion: 97 Resp: 108335
Ion Ratio Lower Upper
97 100
99 65.5 51.4 77.0
61 44.4 35.2 52.8





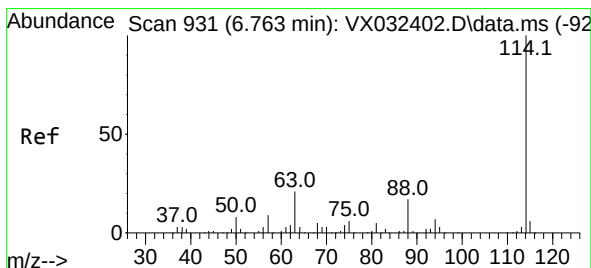
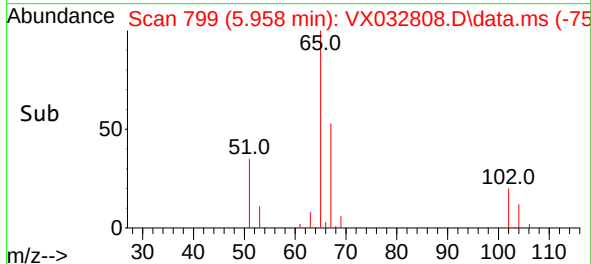
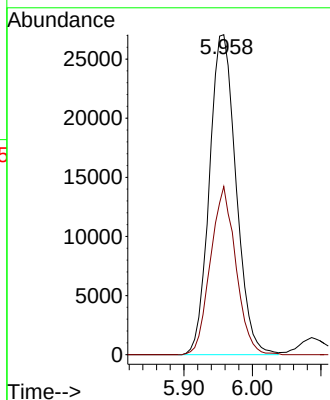
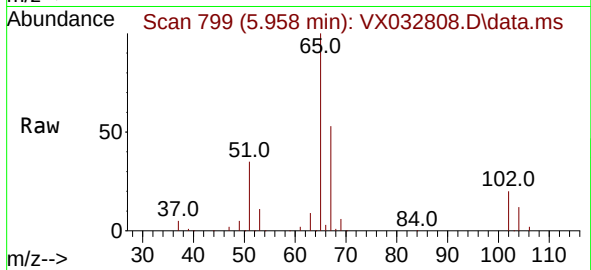
#33
1,2-Dichloroethane-d4
Concen: 49.893 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 73050
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.8

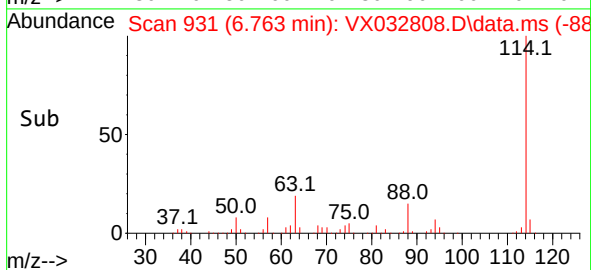
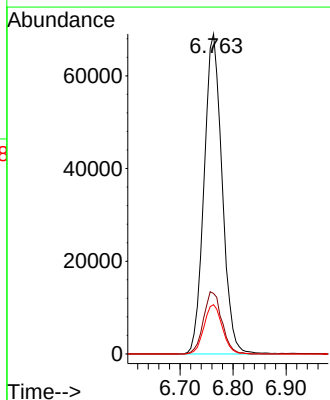
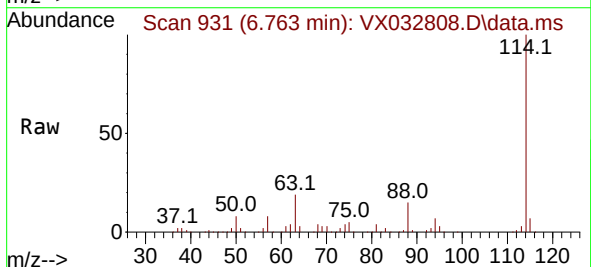
Manual Integrations
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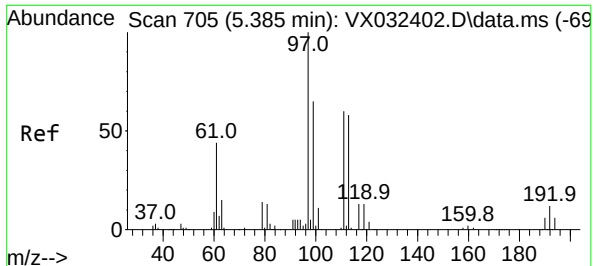
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

Tgt Ion:114 Resp: 162754
Ion Ratio Lower Upper
114 100
63 18.9 0.0 41.6
88 15.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.907 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032808.D

Acq: 14 Nov 2022 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 6026

Ion Ratio Lower Upper

113 100

111 103.7 82.4 123.6

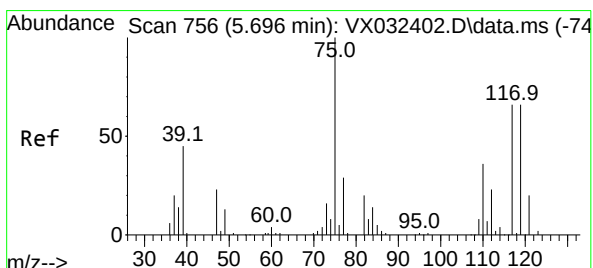
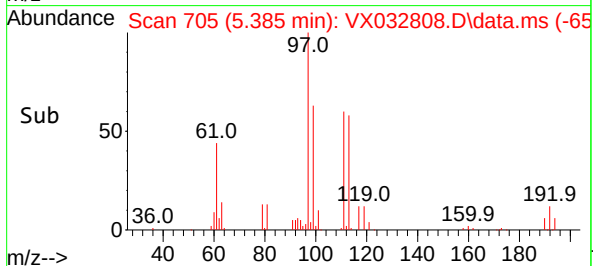
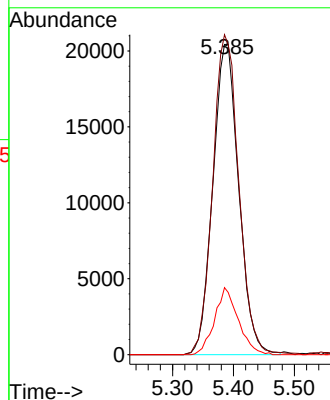
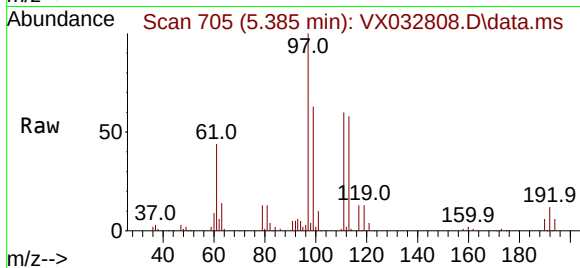
192 19.8 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#36

1,1-Dichloropropene

Concen: 49.618 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX032808.D

Acq: 14 Nov 2022 20:27

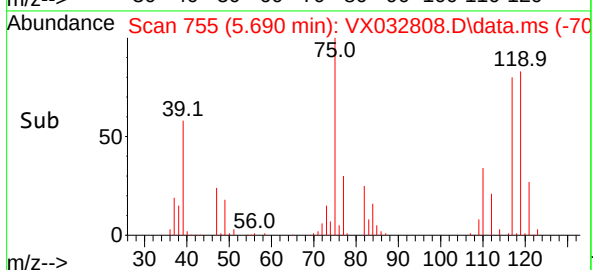
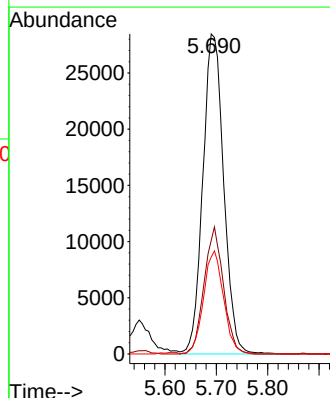
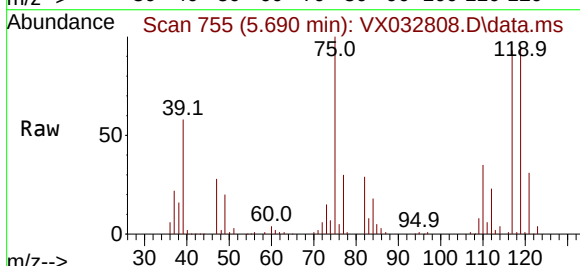
Tgt Ion: 75 Resp: 80215

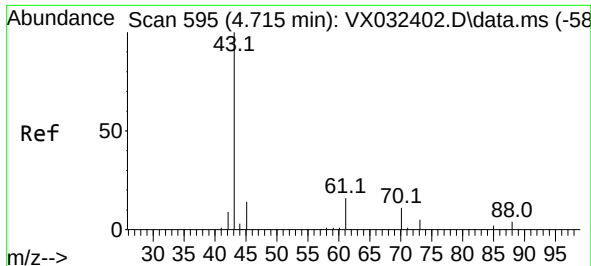
Ion Ratio Lower Upper

75 100

110 36.8 18.4 55.2

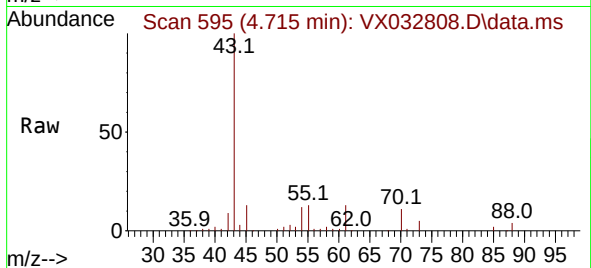
77 30.9 24.5 36.7





#37
Ethyl Acetate
Concen: 44.095 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

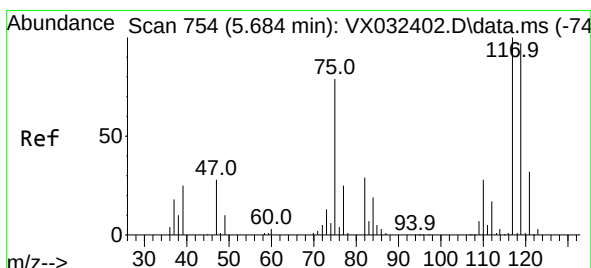
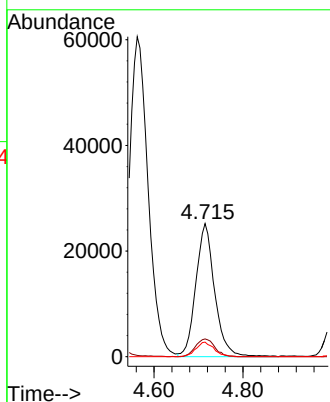
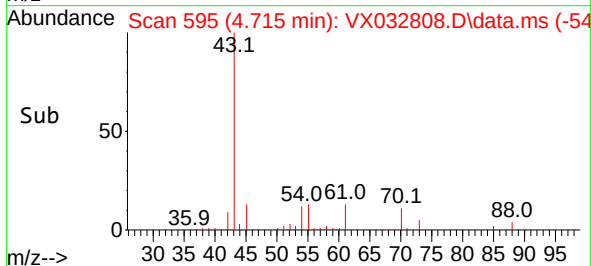
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 7420
Ion Ratio Lower Upper
43 100
61 13.7 11.5 17.3
70 10.5 9.1 13.7

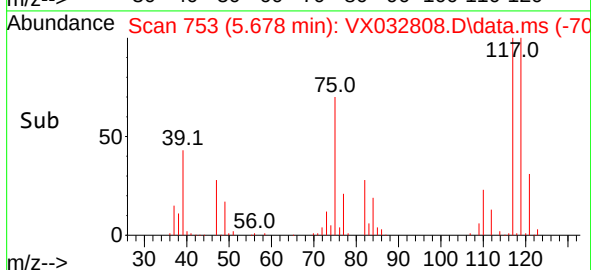
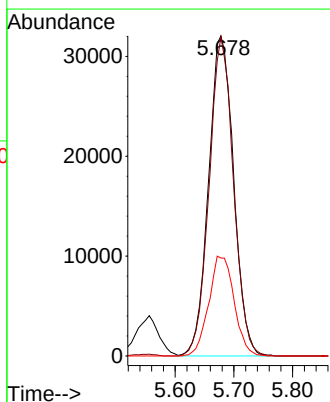
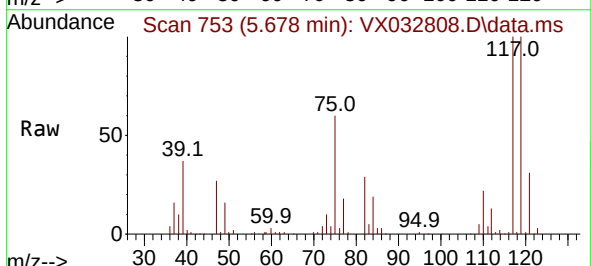
Manual Integrations
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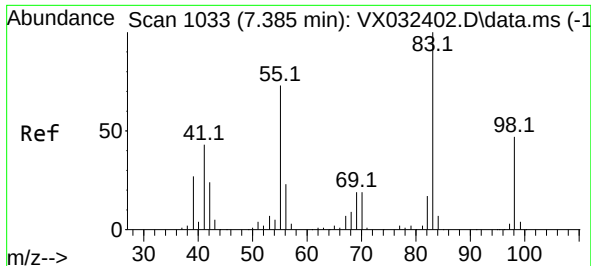
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#38
Carbon Tetrachloride
Concen: 53.051 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

Tgt Ion:117 Resp: 95126
Ion Ratio Lower Upper
117 100
119 99.6 77.2 115.8
121 30.6 25.8 38.6





#39

Methylcyclohexane

Concen: 46.584 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX032808.D

Acq: 14 Nov 2022 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 89104

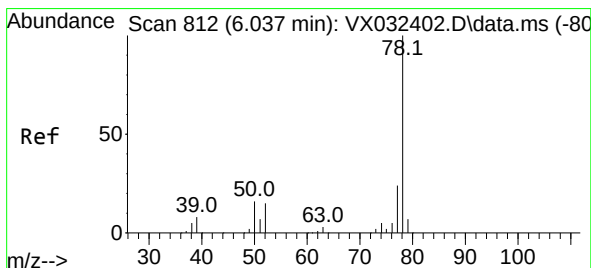
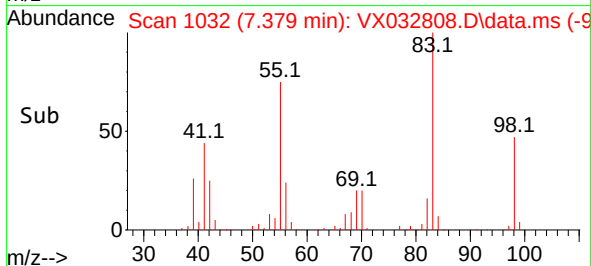
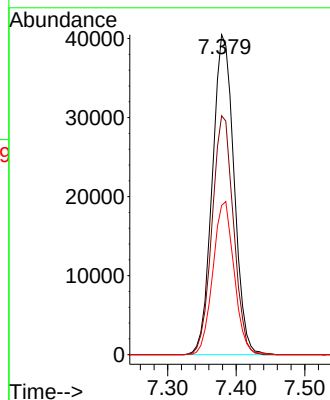
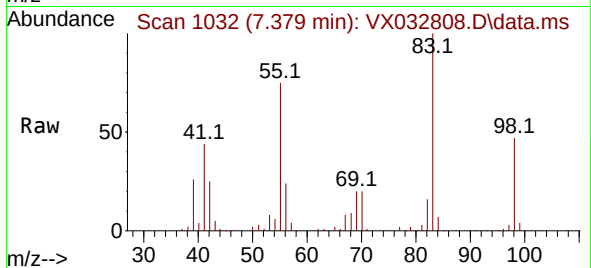
Ion	Ratio	Lower	Upper
83	100		
55	74.6	58.4	87.6
98	46.6	37.2	55.8

Manual Integrations

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Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#40

Benzene

Concen: 50.612 ug/l

RT: 6.037 min Scan# 812

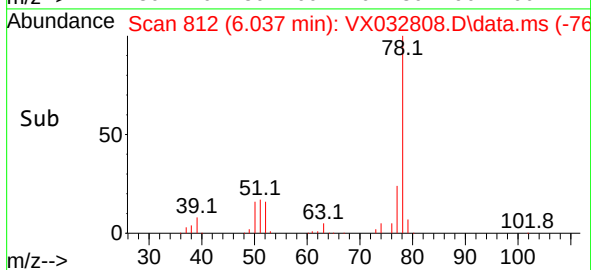
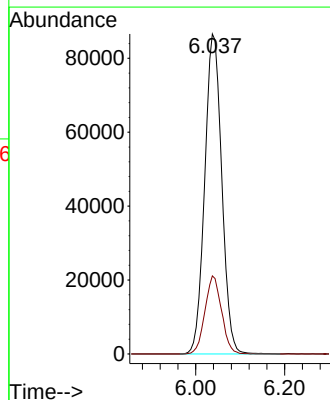
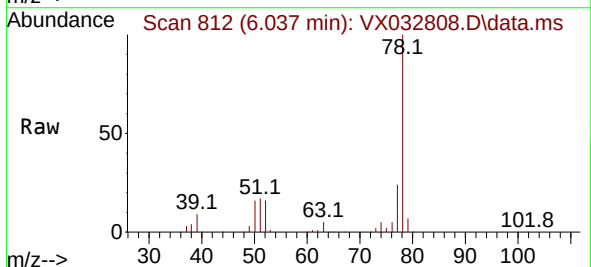
Delta R.T. 0.000 min

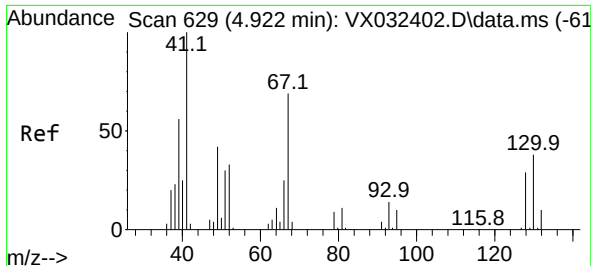
Lab File: VX032808.D

Acq: 14 Nov 2022 20:27

Tgt Ion: 78 Resp: 231543

Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.4





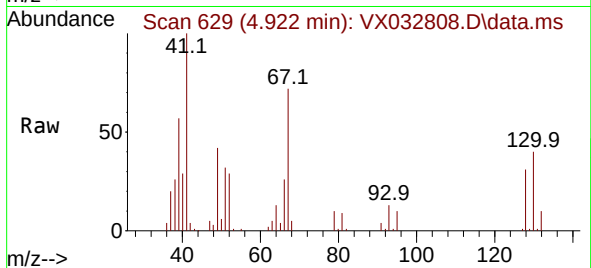
#41
Methacrylonitrile
Concen: 49.946 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



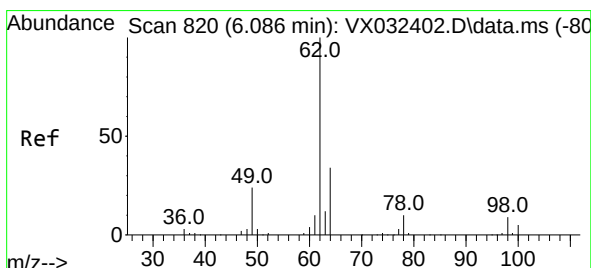
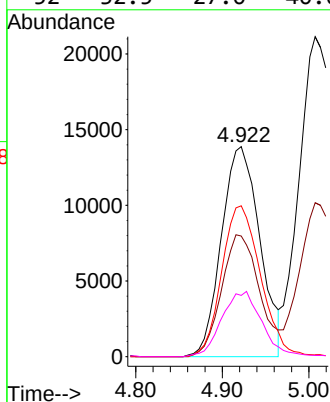
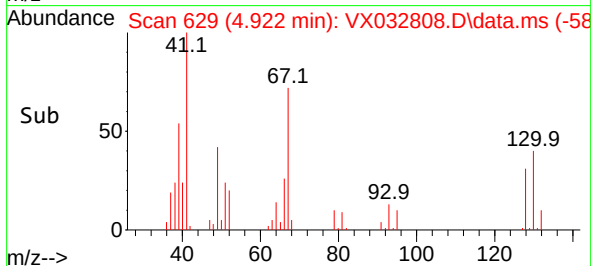
Tgt Ion: 41 Resp: 42810
Ion Ratio Lower Upper
41 100
39 57.2 47.5 71.3
67 72.8 60.5 90.7
52 32.5 27.0 40.6

Manual Integrations

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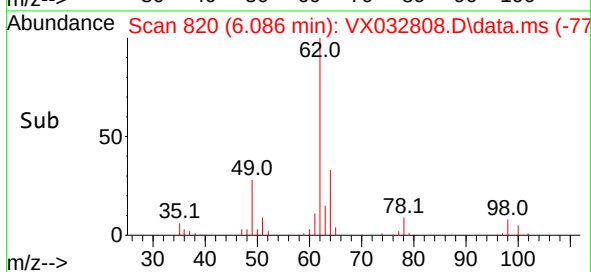
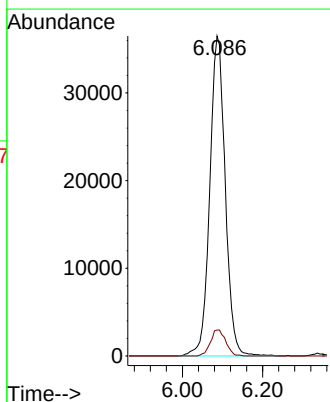
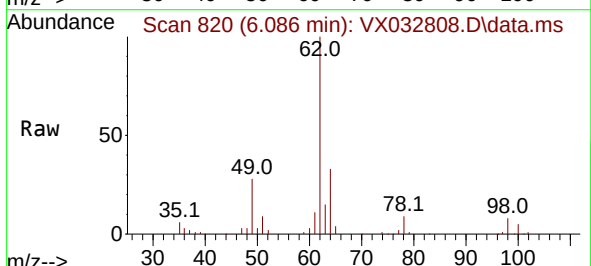
Reviewed By :John Carlone 11/15/2022

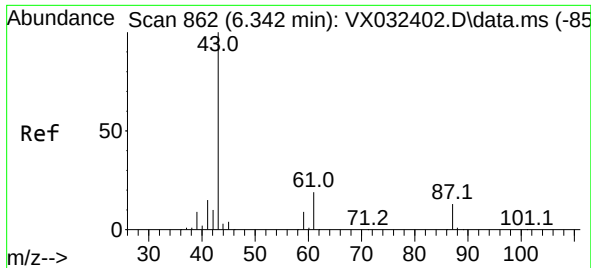
Supervised By :Mahesh Dadoda 11/15/2022



#42
1,2-Dichloroethane
Concen: 52.211 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

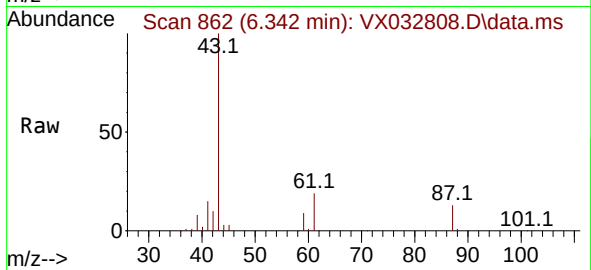
Tgt Ion: 62 Resp: 97641
Ion Ratio Lower Upper
62 100
98 8.0 0.0 16.0





#43
Isopropyl Acetate
Concen: 48.939 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

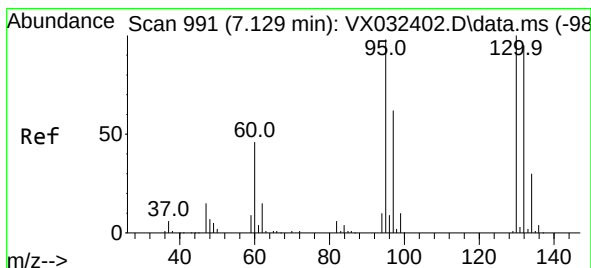
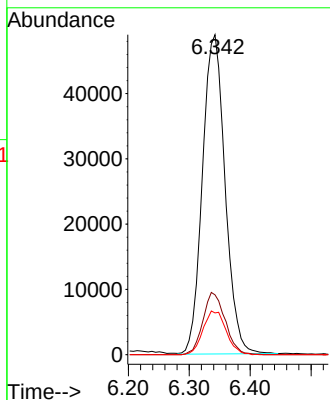
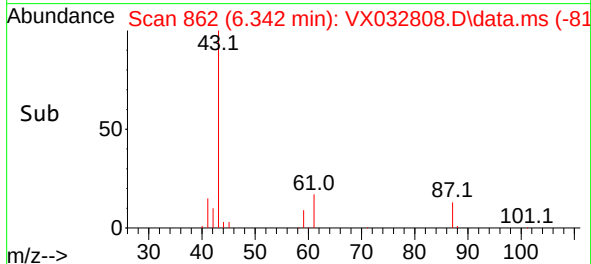
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 12644
Ion Ratio Lower Upper
43 100
61 19.1 15.4 23.0
87 14.0 10.8 16.2

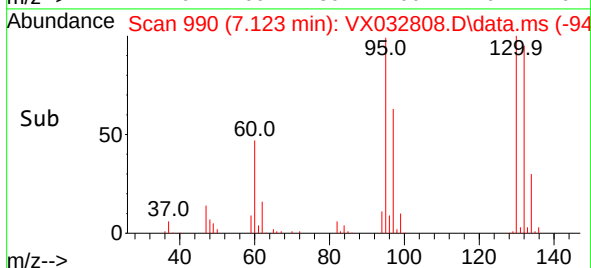
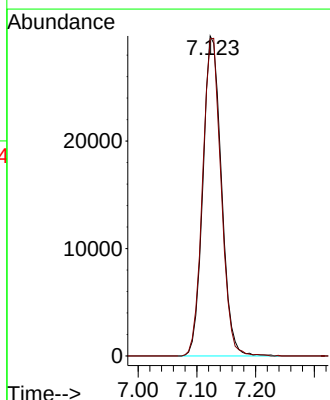
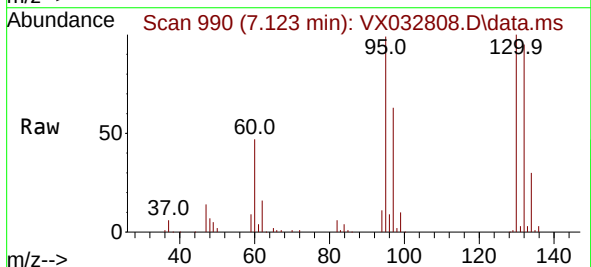
Manual Integrations
APPROVED

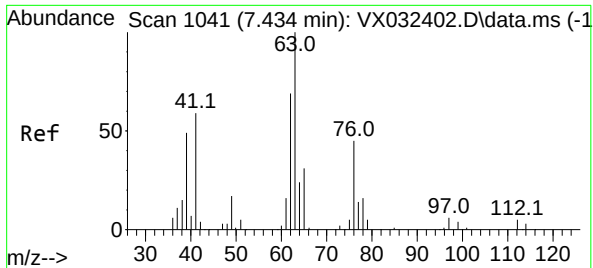
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#44
Trichloroethene
Concen: 50.605 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

Tgt Ion:130 Resp: 65173
Ion Ratio Lower Upper
130 100
95 99.1 0.0 195.2





#45

1,2-Dichloropropane

Concen: 52.147 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX032808.D

Acq: 14 Nov 2022 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 61240

Ion Ratio Lower Upper

63 100

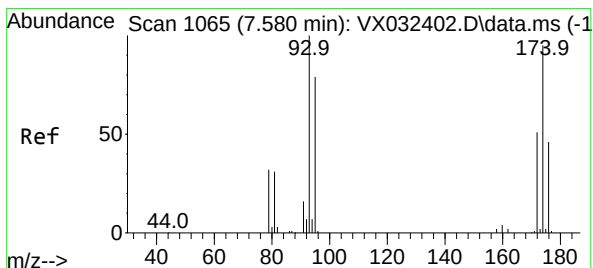
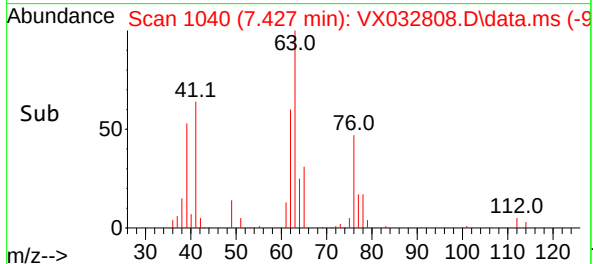
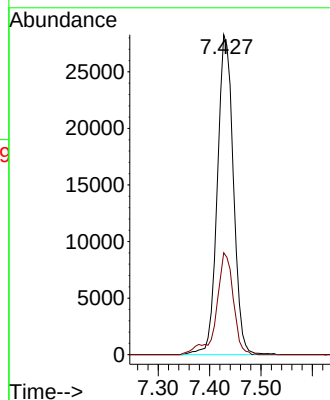
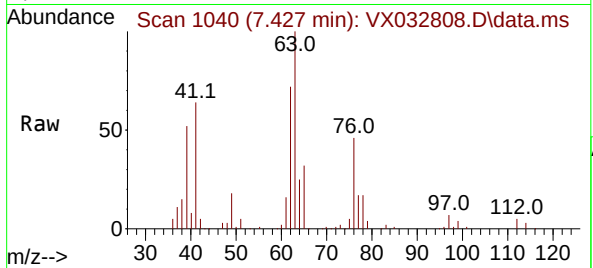
65 31.9 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#46

Dibromomethane

Concen: 50.769 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX032808.D

Acq: 14 Nov 2022 20:27

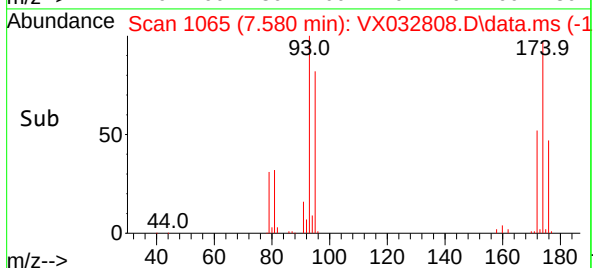
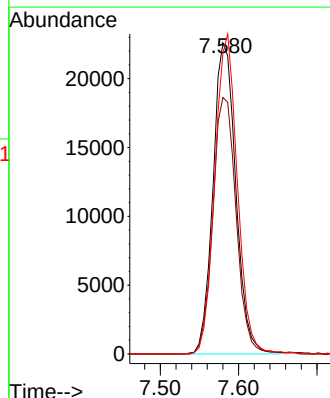
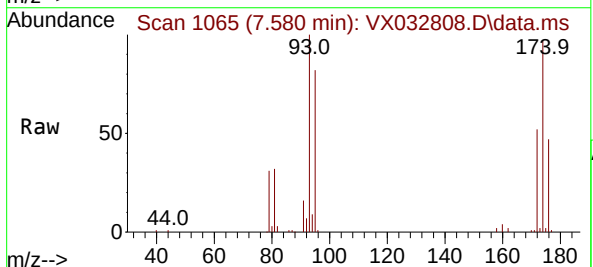
Tgt Ion: 93 Resp: 45725

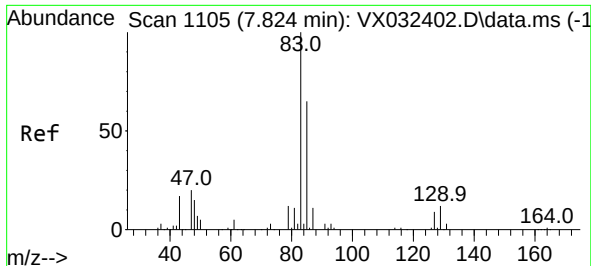
Ion Ratio Lower Upper

93 100

95 84.3 65.8 98.8

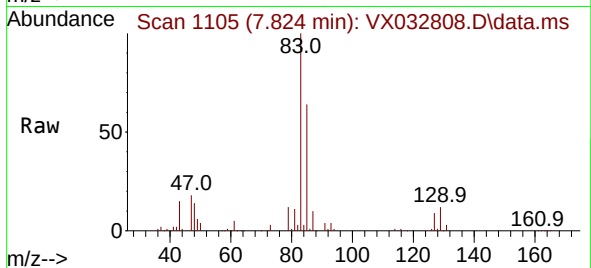
174 101.5 79.8 119.6





#47
Bromodichloromethane
Concen: 56.359 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

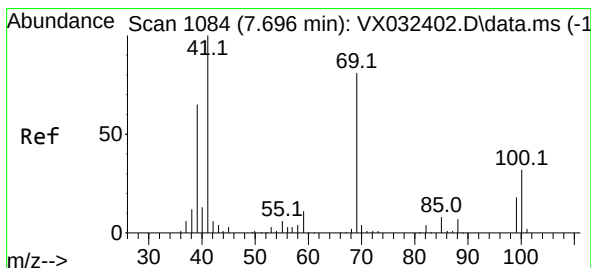
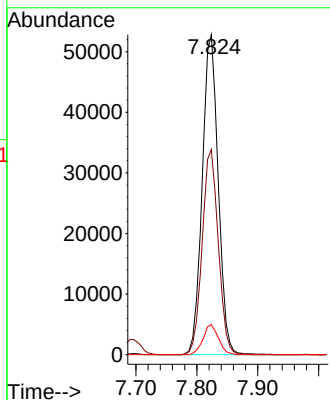
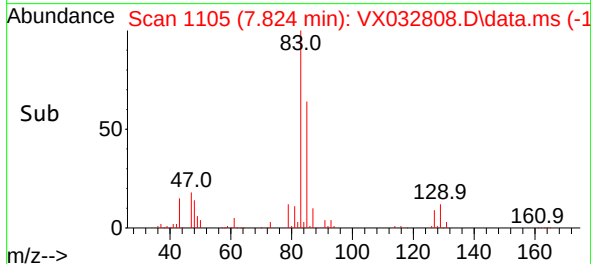
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 9620
Ion Ratio Lower Upper
83 100
85 64.1 52.2 78.4
127 9.4 7.4 11.2

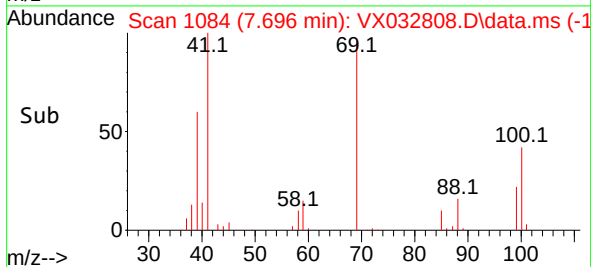
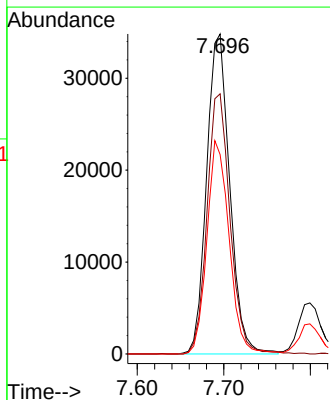
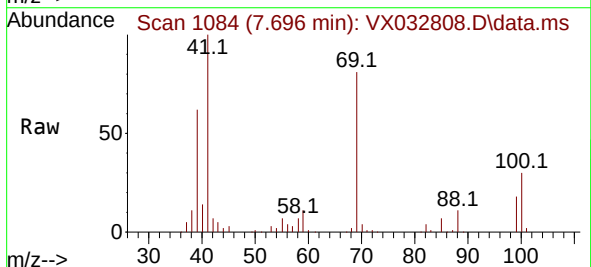
Manual Integrations
APPROVED

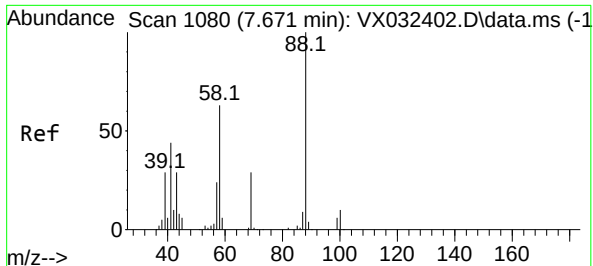
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#48
Methyl methacrylate
Concen: 48.438 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

Tgt Ion: 41 Resp: 64637
Ion Ratio Lower Upper
41 100
69 80.9 65.1 97.7
39 64.2 51.9 77.9





#49

1,4-Dioxane

Concen: 857.504 ug/l

RT: 7.714 min Scan# 1080

Delta R.T. 0.043 min

Lab File: VX032808.D

Acq: 14 Nov 2022 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

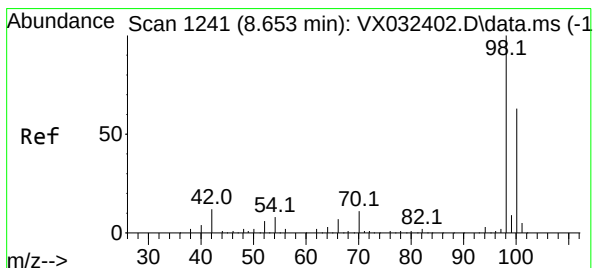
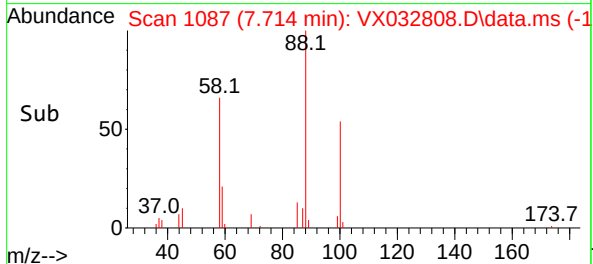
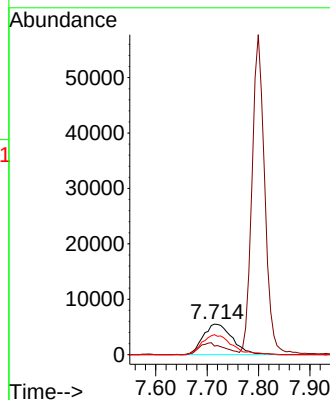
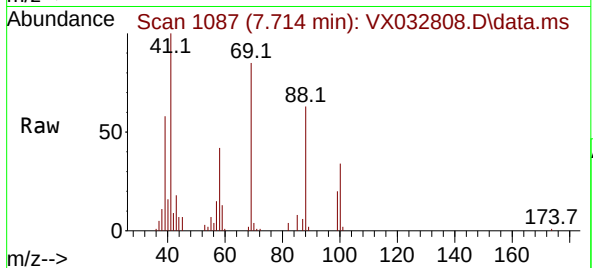
Tgt Ion:	88	Resp:	2180
Ion	Ratio	Lower	Upper
88	100		
43	33.2	26.6	39.8
58	66.2	51.7	77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#50

Toluene-d8

Concen: 50.138 ug/l

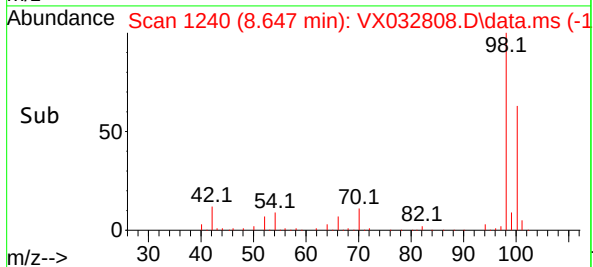
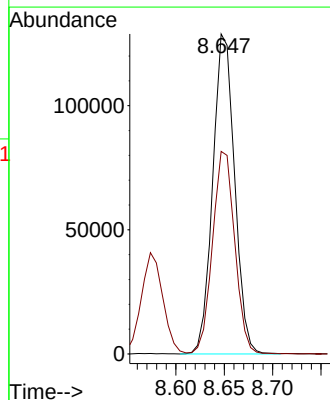
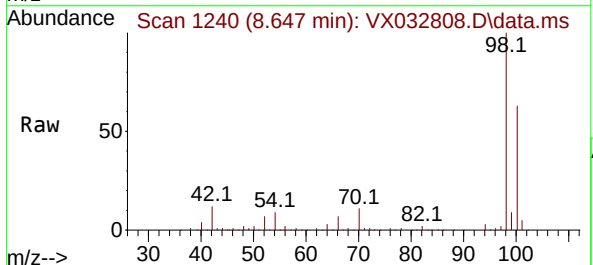
RT: 8.647 min Scan# 1240

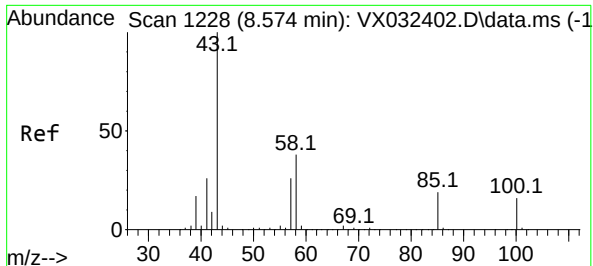
Delta R.T. -0.006 min

Lab File: VX032808.D

Acq: 14 Nov 2022 20:27

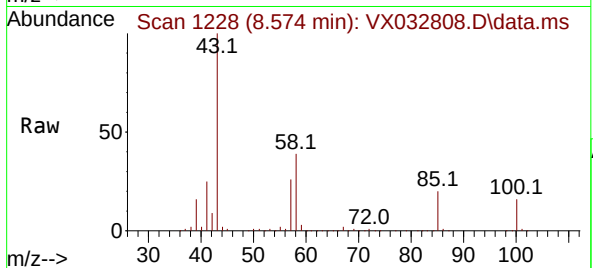
Tgt Ion:	98	Resp:	202400
Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.9	76.3





#51
4-Methyl-2-Pentanone
Concen: 239.159 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

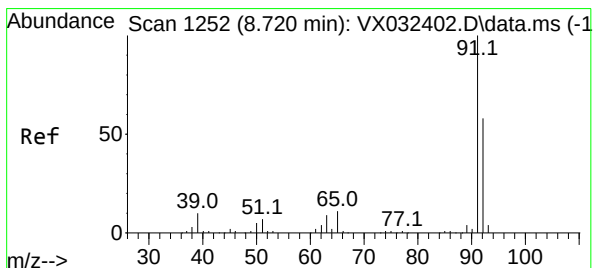
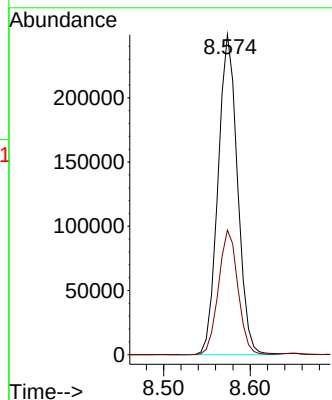
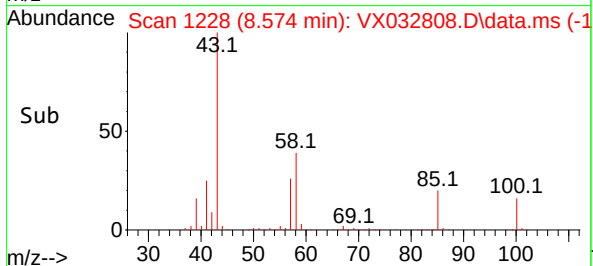
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



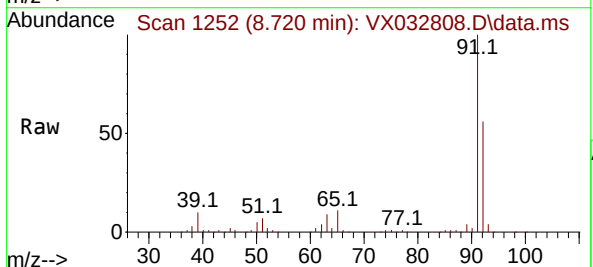
Tgt Ion: 43 Resp: 38922
Ion Ratio Lower Upper
43 100
58 38.8 30.9 46.3

Manual Integrations
APPROVED

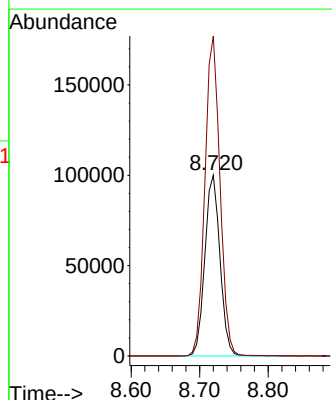
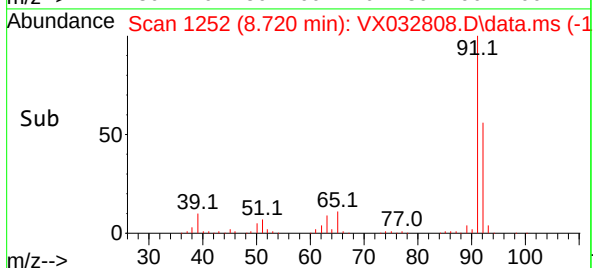
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

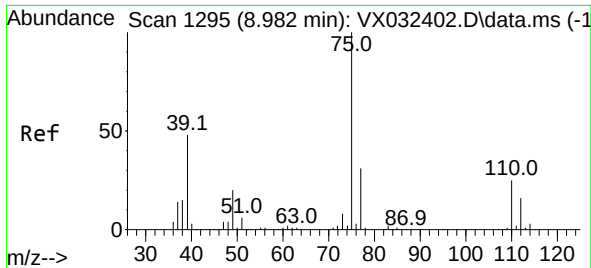


#52
Toluene
Concen: 51.537 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27



Tgt Ion: 92 Resp: 153827
Ion Ratio Lower Upper
92 100
91 176.1 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 55.105 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VX032808.D

Acq: 14 Nov 2022 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 95972

Ion Ratio Lower Upper

75 100

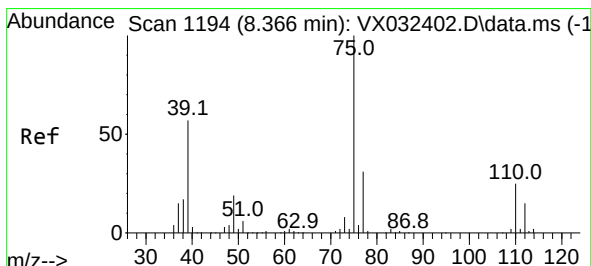
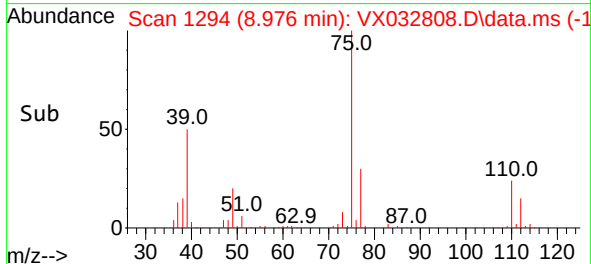
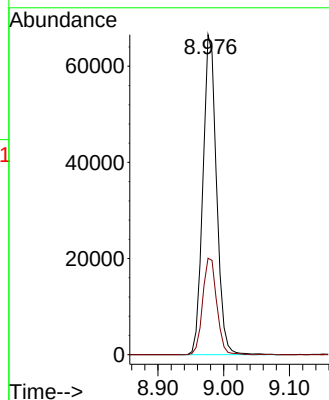
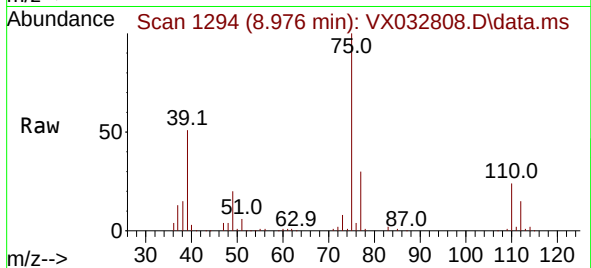
77 30.2 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#54

cis-1,3-Dichloropropene

Concen: 54.372 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032808.D

Acq: 14 Nov 2022 20:27

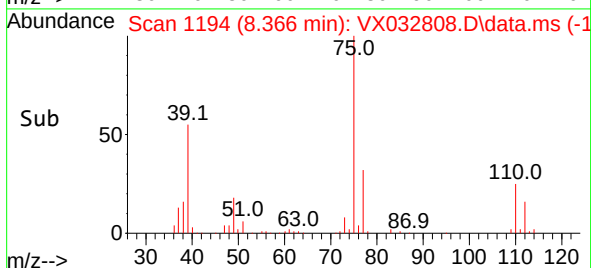
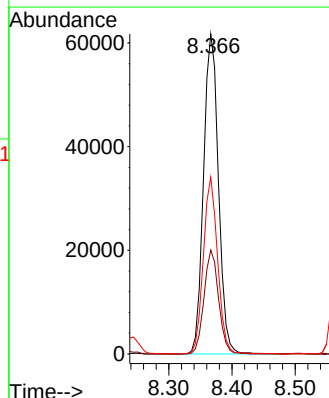
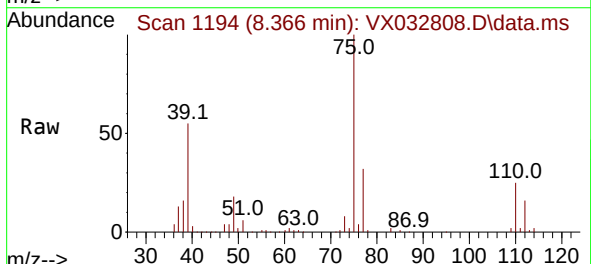
Tgt Ion: 75 Resp: 101284

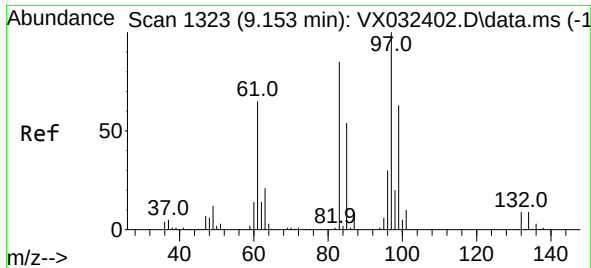
Ion Ratio Lower Upper

75 100

77 32.5 25.1 37.7

39 55.2 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 52.902 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

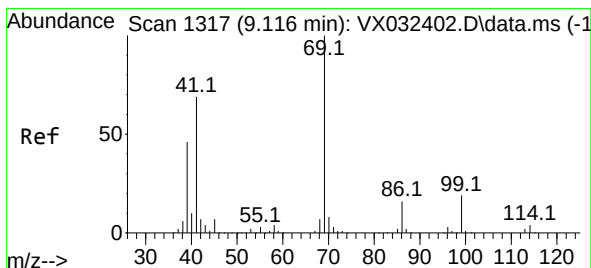
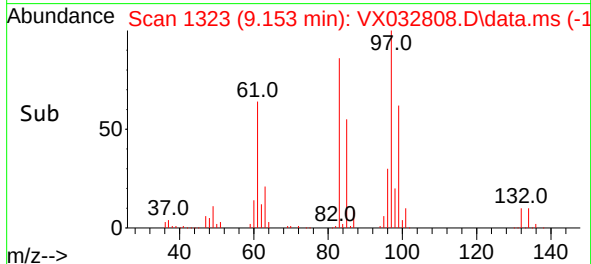
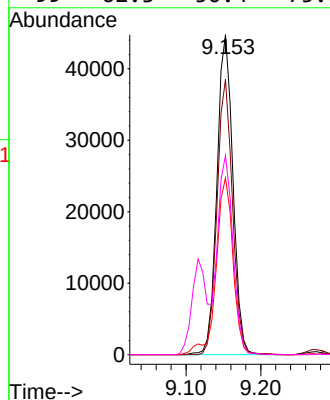
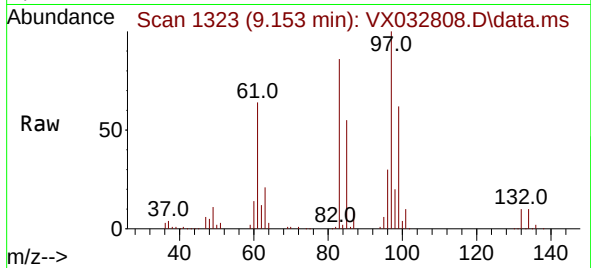
Tgt Ion: 97 Resp: 66499
Ion Ratio Lower Upper
97 100
83 86.1 68.1 102.1
85 55.3 43.3 64.9
99 62.3 50.4 75.6

Manual Integrations

APPROVED

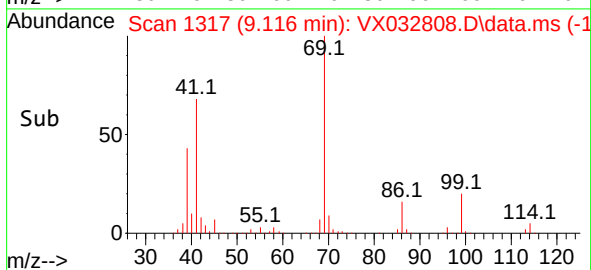
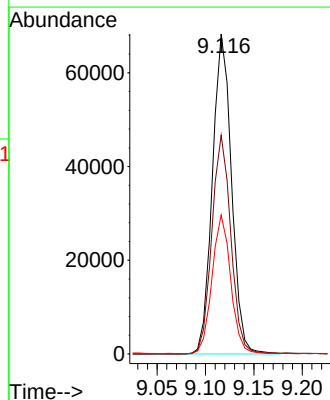
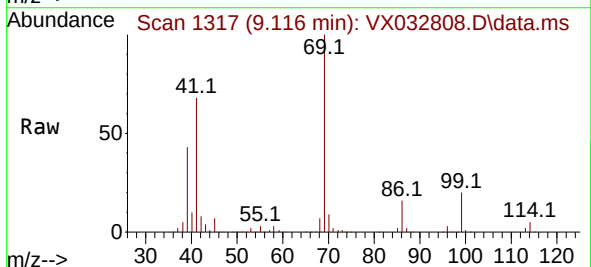
Reviewed By :John Carlone 11/15/2022

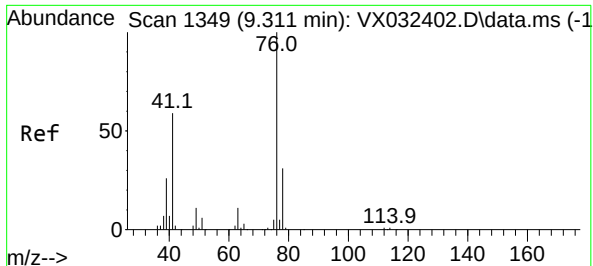
Supervised By :Mahesh Dadoda 11/15/2022



#56
Ethyl methacrylate
Concen: 51.987 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

Tgt Ion: 69 Resp: 94042
Ion Ratio Lower Upper
69 100
41 68.3 54.3 81.5
39 42.3 35.2 52.8





#57

1,3-Dichloropropane

Concen: 52.032 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VX032808.D

Acq: 14 Nov 2022 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 10562

Ion Ratio Lower Upper

76 100

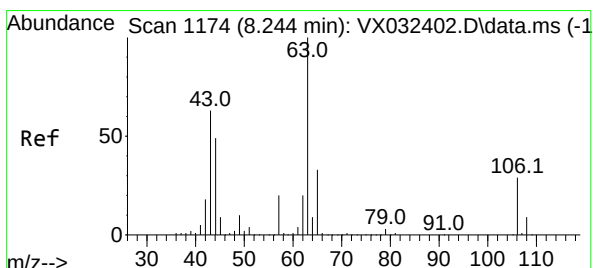
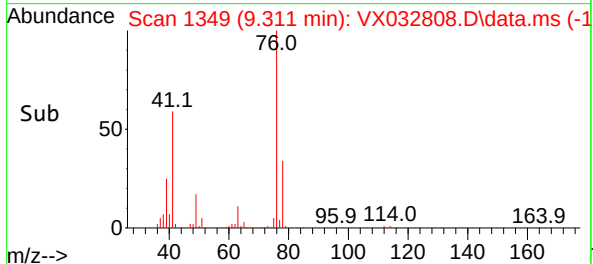
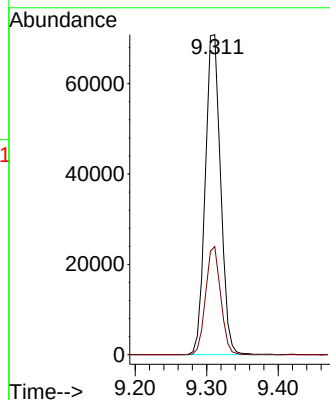
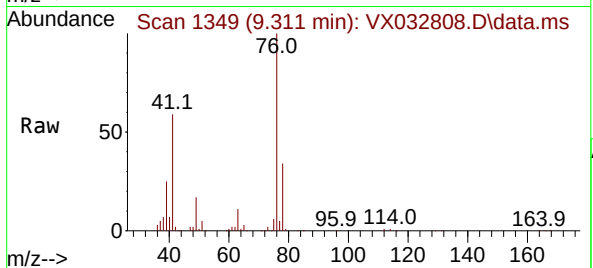
78 33.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 252.139 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX032808.D

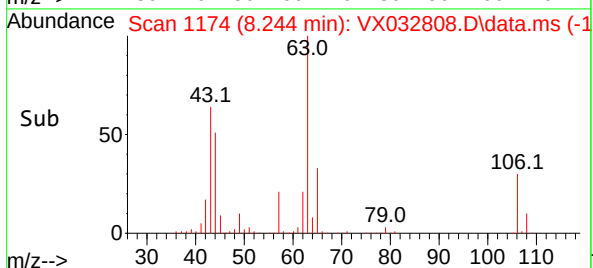
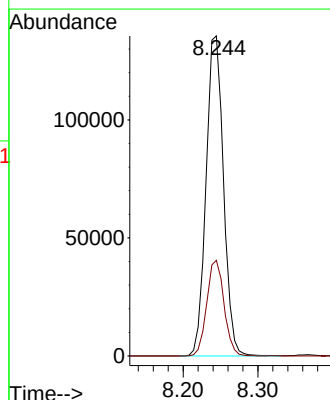
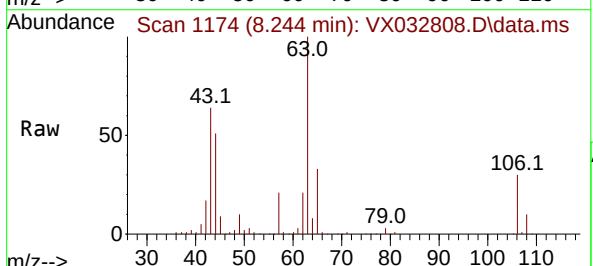
Acq: 14 Nov 2022 20:27

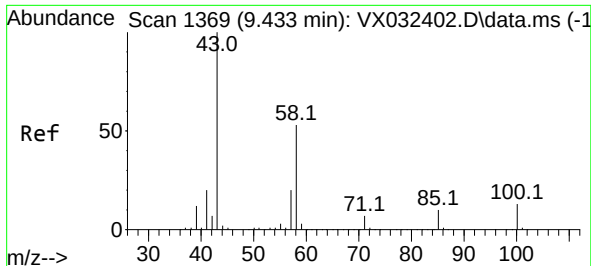
Tgt Ion: 63 Resp: 219619

Ion Ratio Lower Upper

63 100

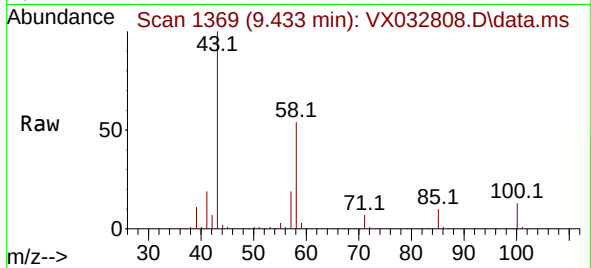
106 29.6 23.3 34.9





#59
2-Hexanone
Concen: 230.737 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

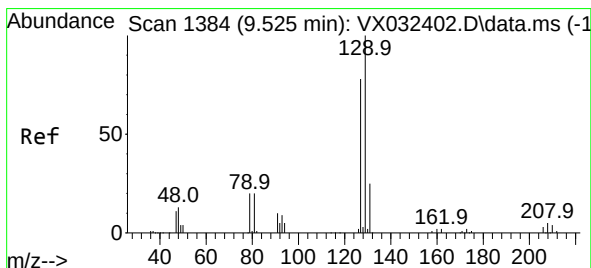
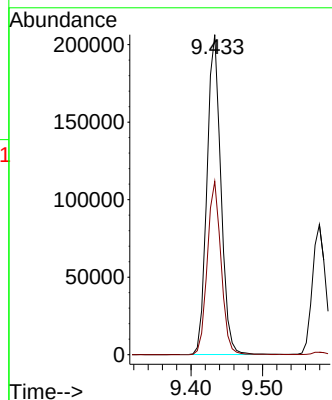
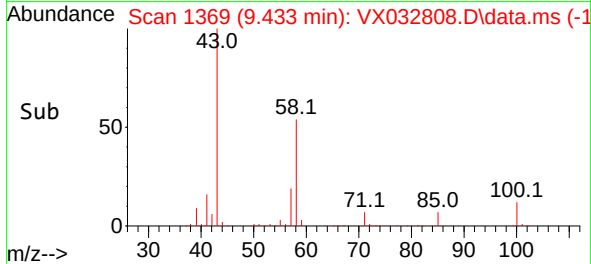
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 27863
Ion Ratio Lower Upper
43 100
58 53.6 26.5 79.5

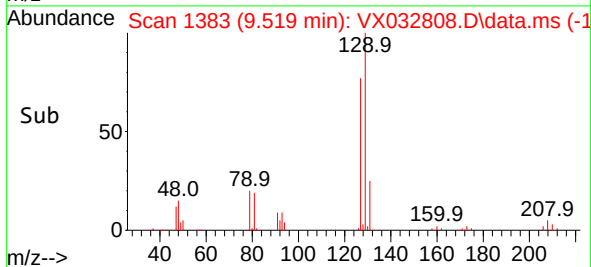
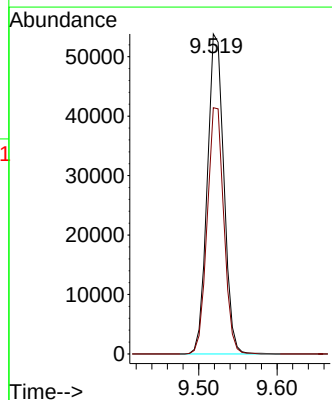
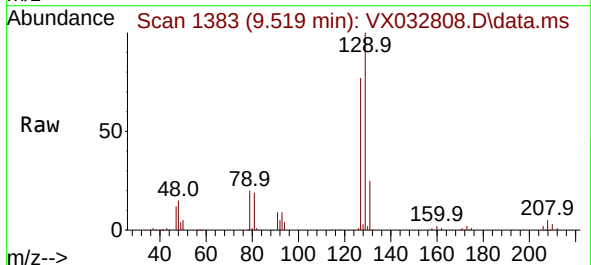
Manual Integrations
APPROVED

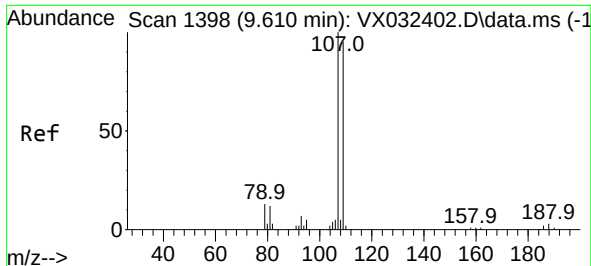
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#60
Dibromochloromethane
Concen: 57.455 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

Tgt Ion:129 Resp: 78885
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8





#61
1,2-Dibromoethane
Concen: 52.689 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

Instrument :

MSVOA_X

ClientSampleId :

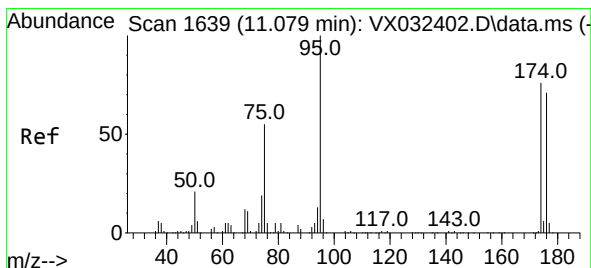
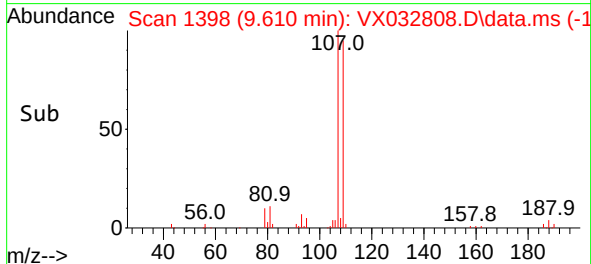
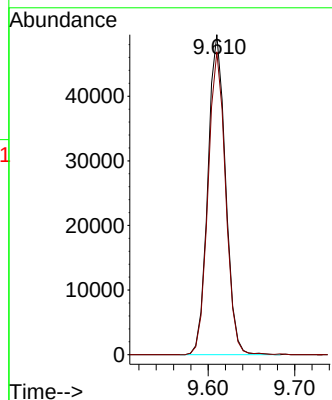
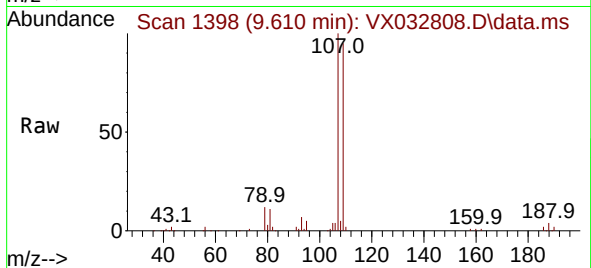
VSTDCCC050EC

Tgt Ion:107 Resp: 7017
Ion Ratio Lower Upper
107 100
109 94.0 76.0 114.0

Manual Integrations

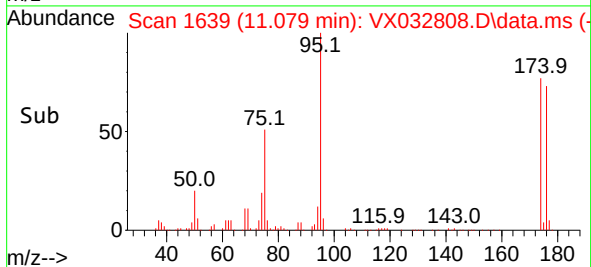
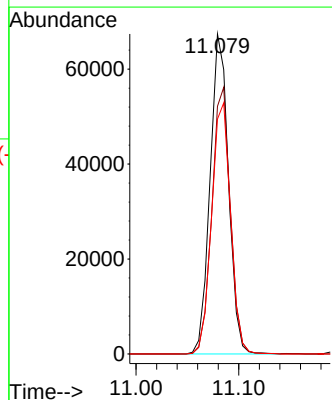
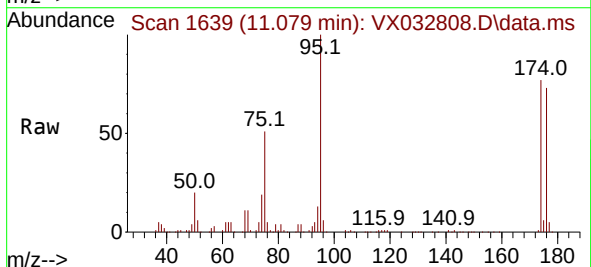
APPROVED

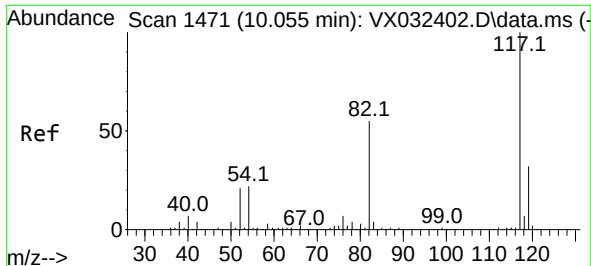
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#62
4-Bromofluorobenzene
Concen: 53.255 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

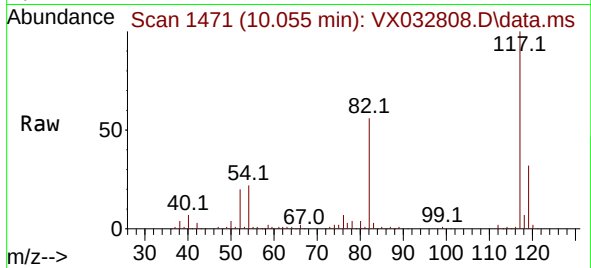
Tgt Ion: 95 Resp: 83977
Ion Ratio Lower Upper
95 100
174 83.8 0.0 164.0
176 80.9 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

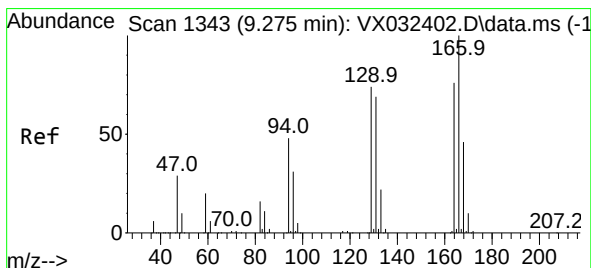
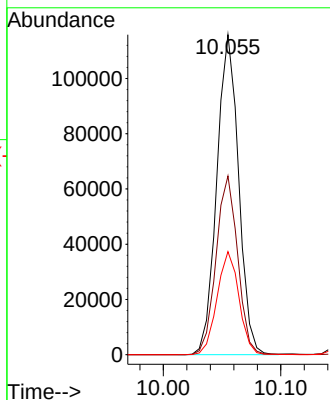
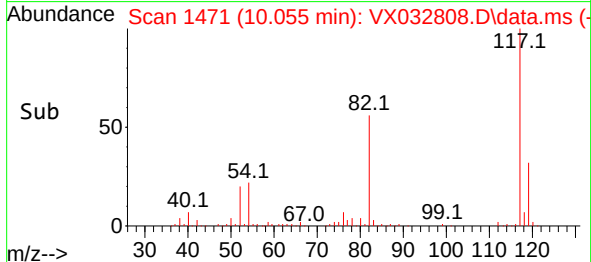
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 149430
Ion Ratio Lower Upper
117 100
82 55.8 44.3 66.5
119 32.2 25.7 38.5

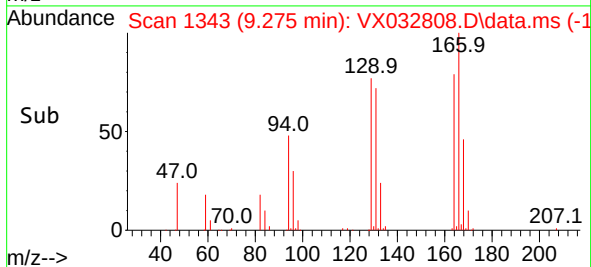
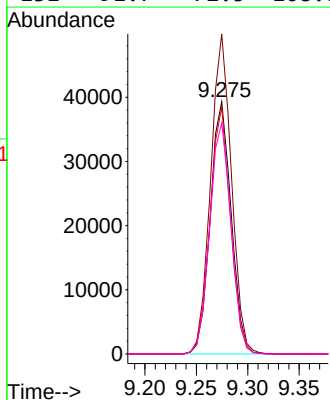
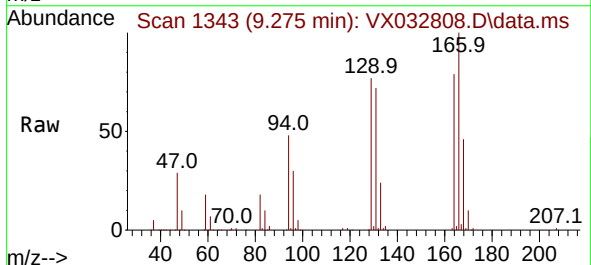
Manual Integrations
APPROVED

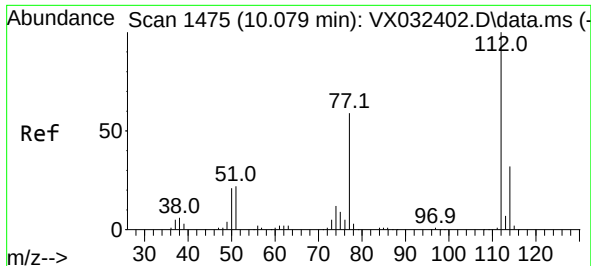
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#64
Tetrachloroethene
Concen: 50.832 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

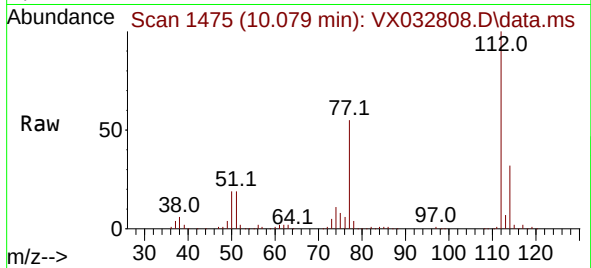
Tgt Ion:164 Resp: 55598
Ion Ratio Lower Upper
164 100
166 126.9 105.4 158.2
129 97.8 78.2 117.2
131 91.7 72.5 108.7





#65
Chlorobenzene
Concen: 52.313 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

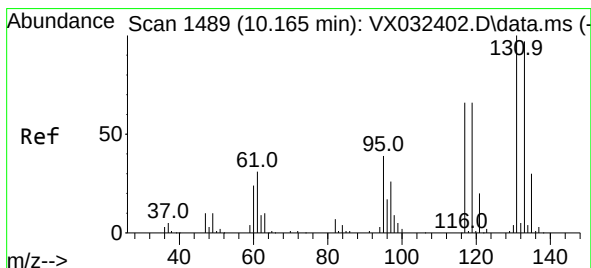
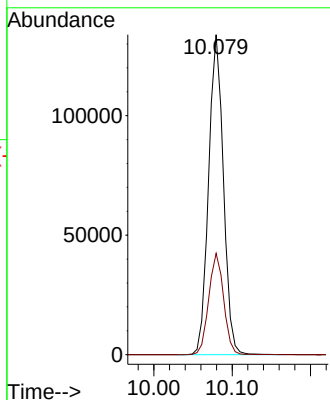
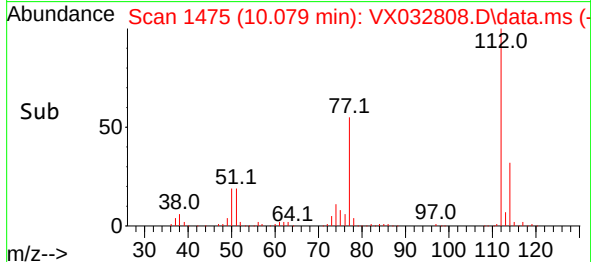
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



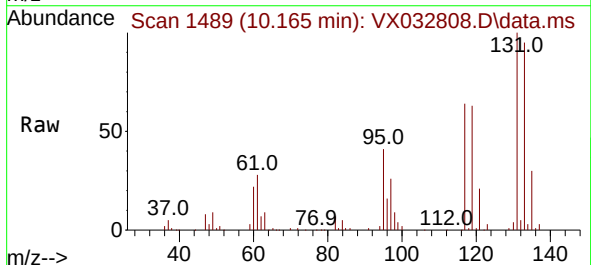
Tgt Ion:112 Resp: 175114
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2

Manual Integrations
APPROVED

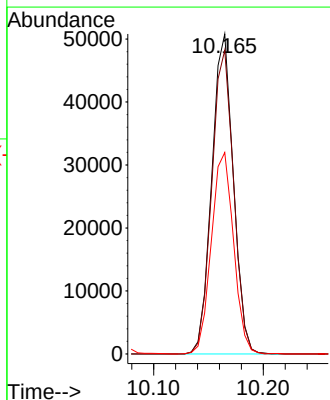
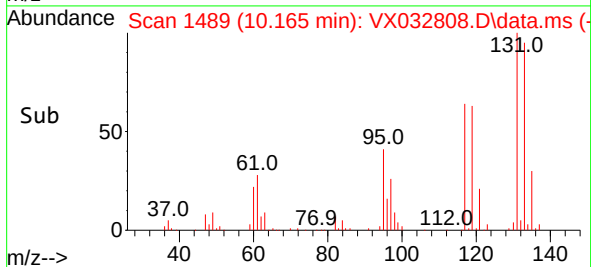
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

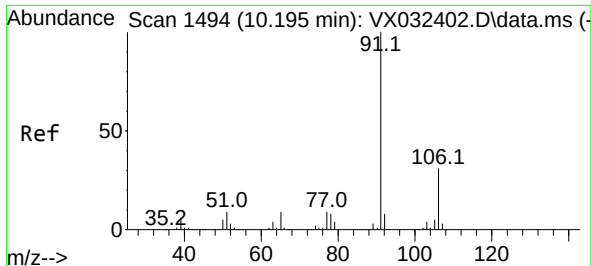


#66
1,1,1,2-Tetrachloroethane
Concen: 55.193 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27



Tgt Ion:131 Resp: 69535
Ion Ratio Lower Upper
131 100
133 96.2 47.6 142.9
119 64.9 32.4 97.0





#67

Ethyl Benzene

Concen: 52.562 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX032808.D

Acq: 14 Nov 2022 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 314634

Ion Ratio Lower Upper

91 100

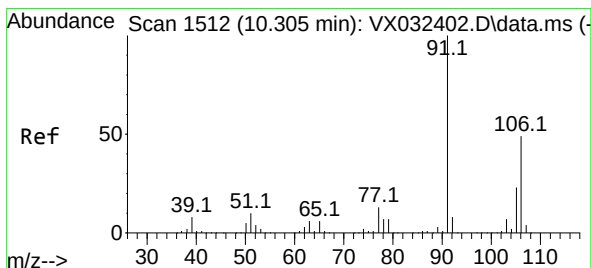
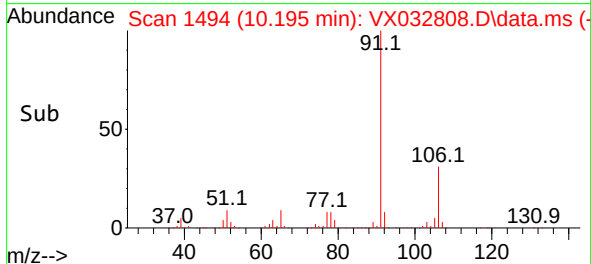
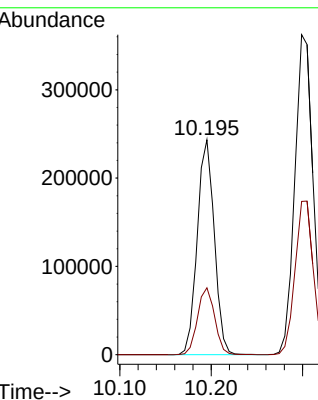
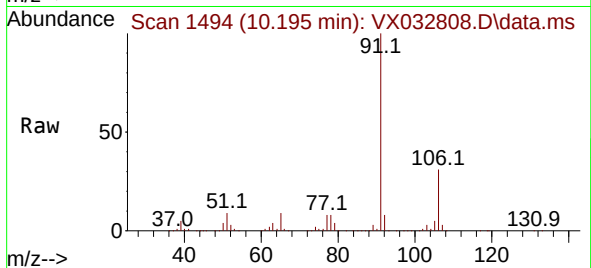
106 31.1 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#68

m/p-Xylenes

Concen: 104.403 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX032808.D

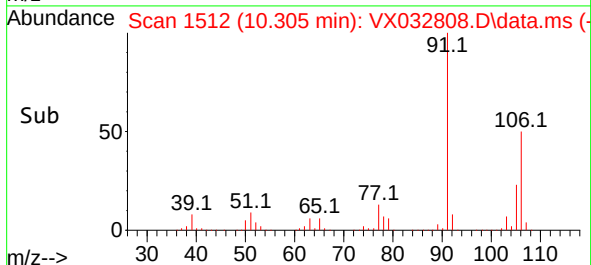
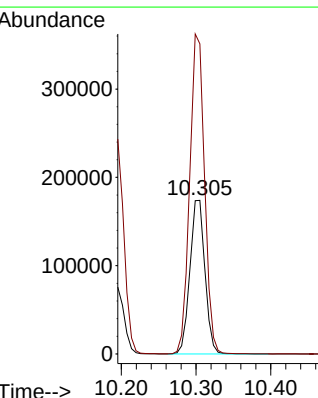
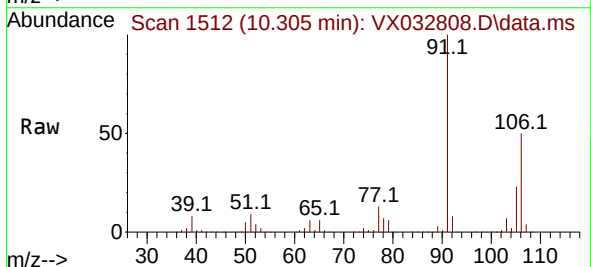
Acq: 14 Nov 2022 20:27

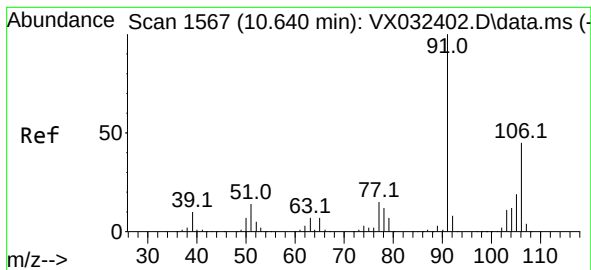
Tgt Ion:106 Resp: 242675

Ion Ratio Lower Upper

106 100

91 206.1 164.5 246.7





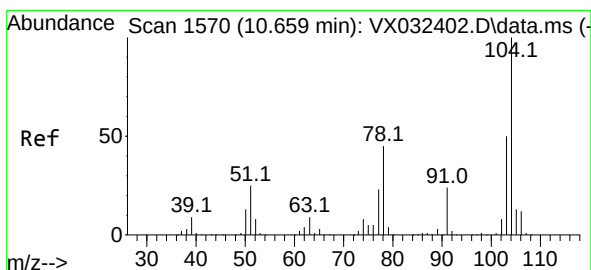
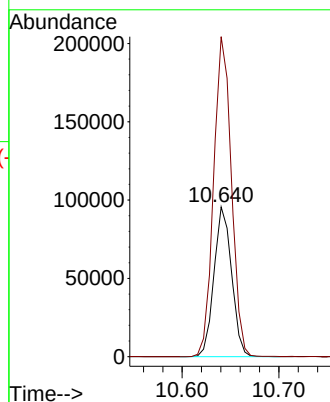
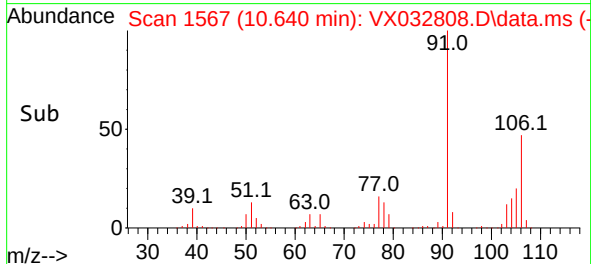
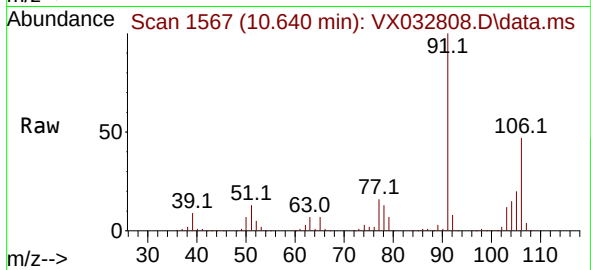
#69
o-Xylene
Concen: 53.449 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 12079
Ion Ratio Lower Upper
106 100
91 216.3 109.2 327.6

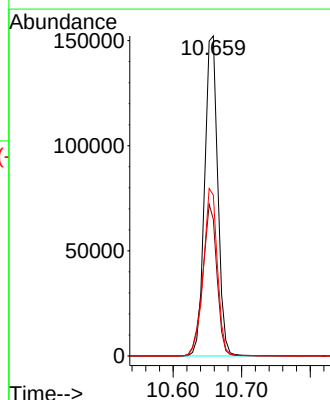
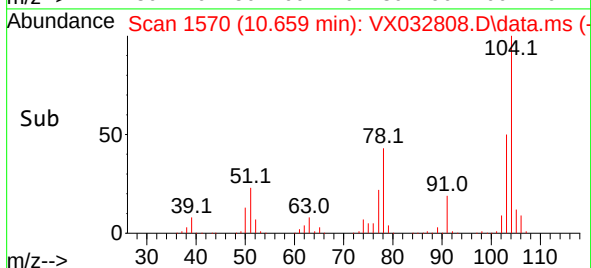
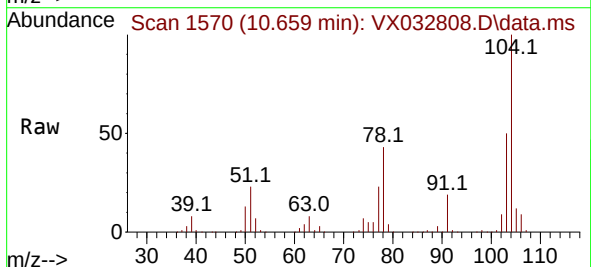
Manual Integrations
APPROVED

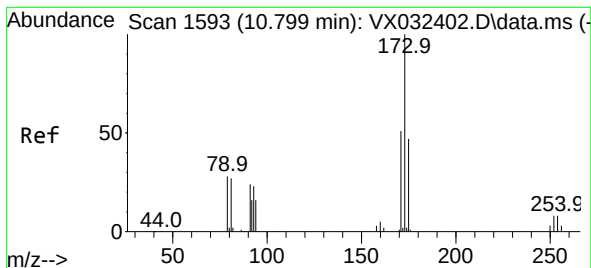
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#70
Styrene
Concen: 54.333 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

Tgt Ion:104 Resp: 204069
Ion Ratio Lower Upper
104 100
78 50.9 41.8 62.8
103 55.8 44.5 66.7





#71

Bromoform

Concen: 58.146 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX032808.D

Acq: 14 Nov 2022 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

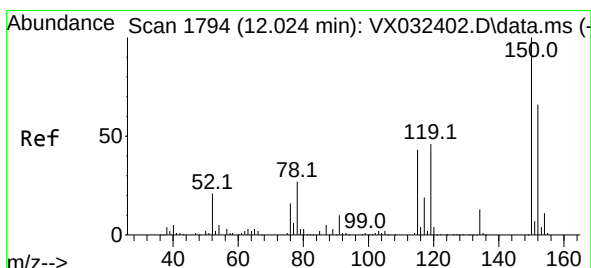
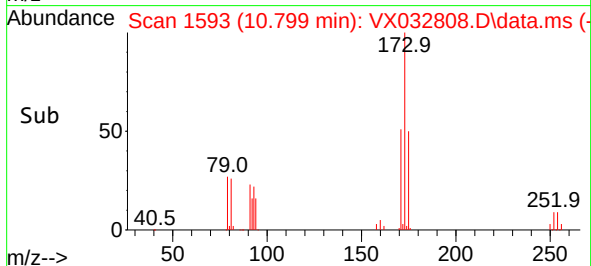
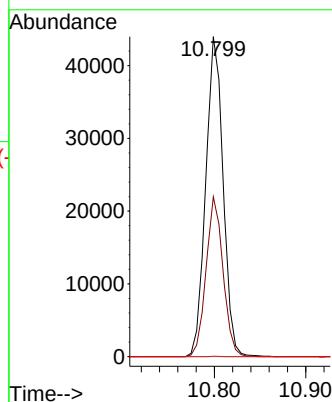
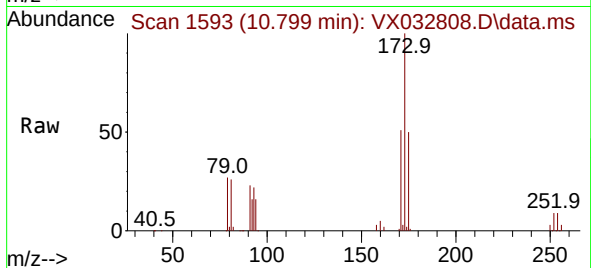
Tgt Ion:	173	Resp:	57919
Ion Ratio	Lower	Upper	
173	100		
175	48.8	23.9	71.8
254	0.1	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

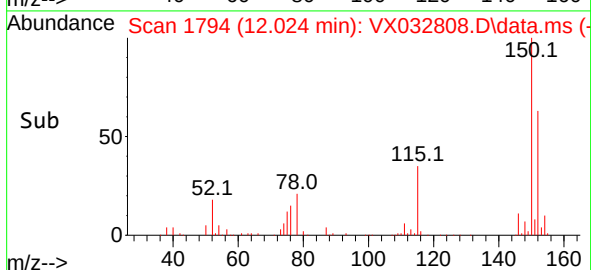
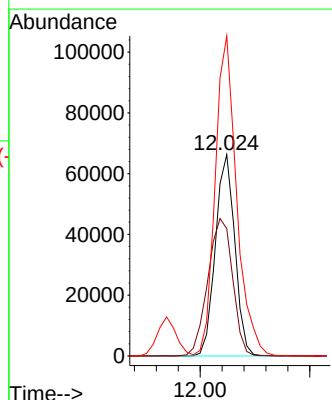
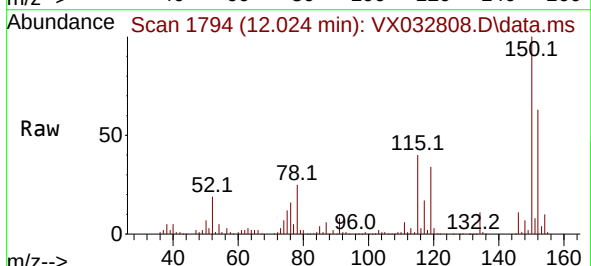
RT: 12.024 min Scan# 1794

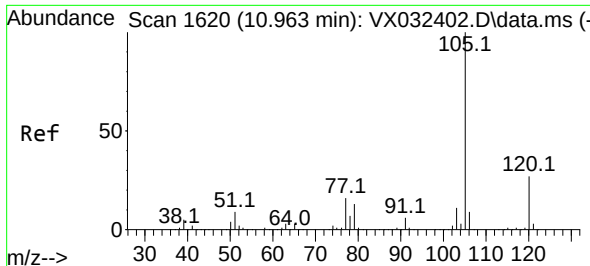
Delta R.T. 0.000 min

Lab File: VX032808.D

Acq: 14 Nov 2022 20:27

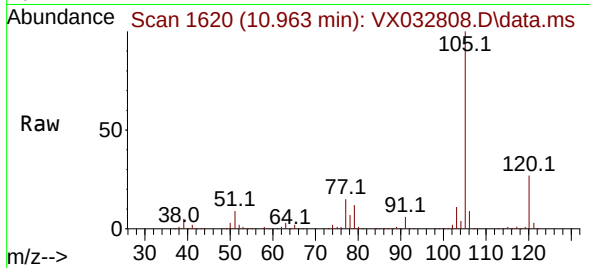
Tgt Ion:	152	Resp:	81535
Ion Ratio	Lower	Upper	
152	100		
115	87.2	44.0	132.0
150	175.2	0.0	351.8





#73
Isopropylbenzene
Concen: 50.642 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

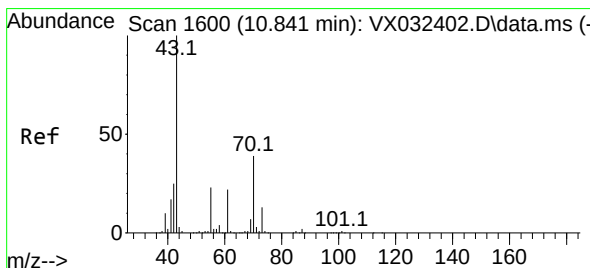
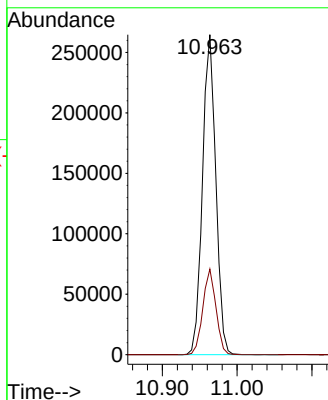
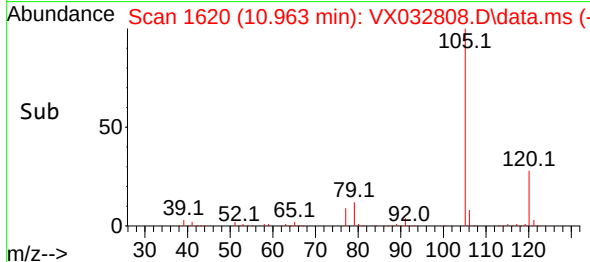
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



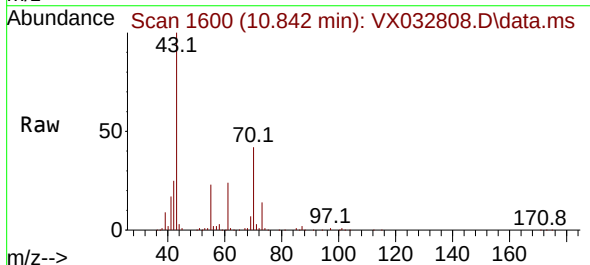
Tgt Ion:105 Resp: 32719
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.3

Manual Integrations
APPROVED

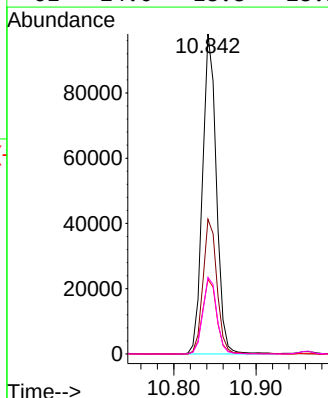
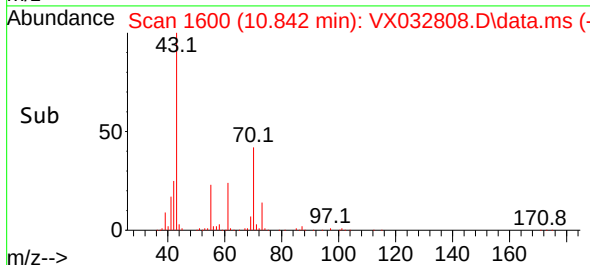
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

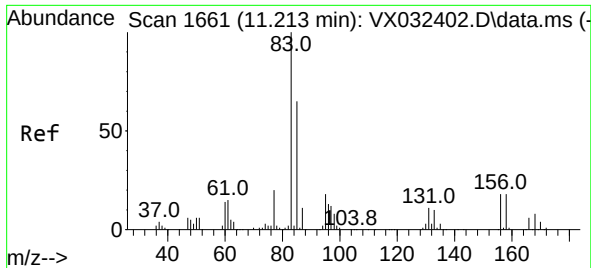


#74
N-ethyl acetate
Concen: 47.096 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27



Tgt Ion: 43 Resp: 114972
Ion Ratio Lower Upper
43 100
70 42.3 33.6 50.4
55 24.2 19.4 29.2
61 24.0 18.8 28.2





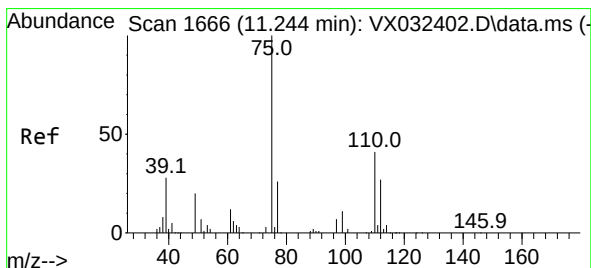
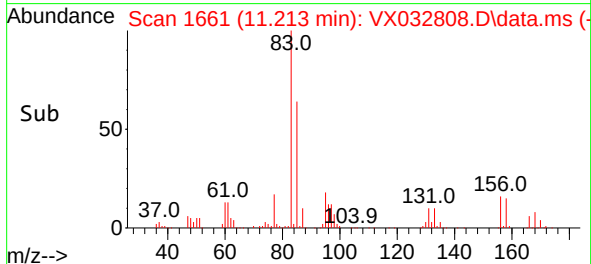
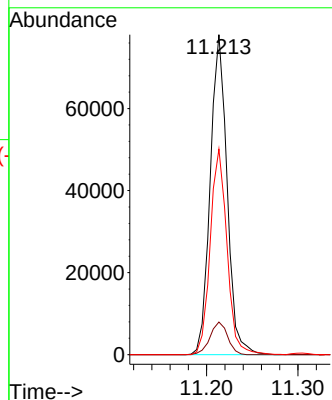
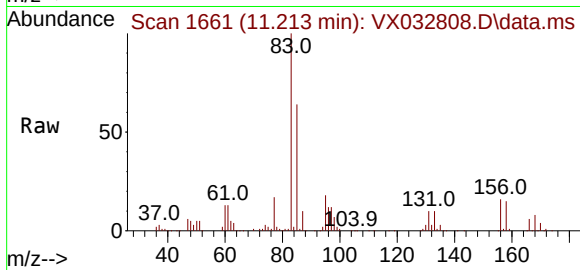
#75
1,1,2,2-Tetrachloroethane
Concen: 48.035 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 99618
Ion Ratio Lower Upper
83 100
131 10.7 5.4 16.2
85 64.1 31.9 95.9

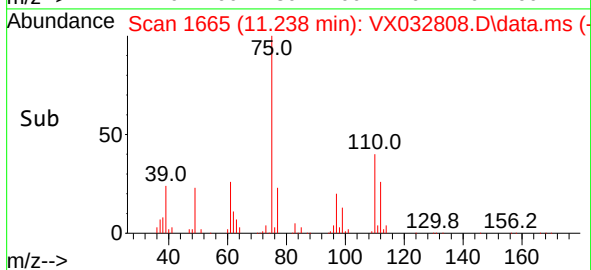
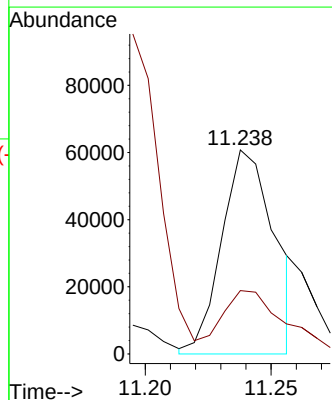
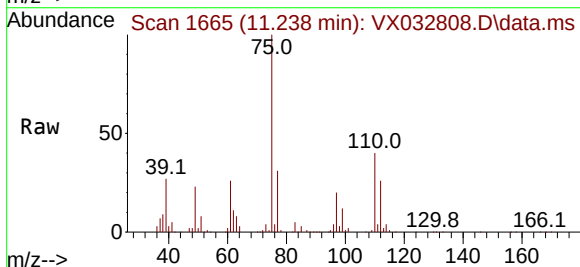
Manual Integrations
APPROVED

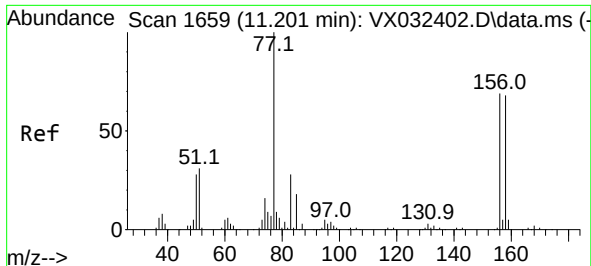
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#76
1,2,3-Trichloropropane
Concen: 48.738 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

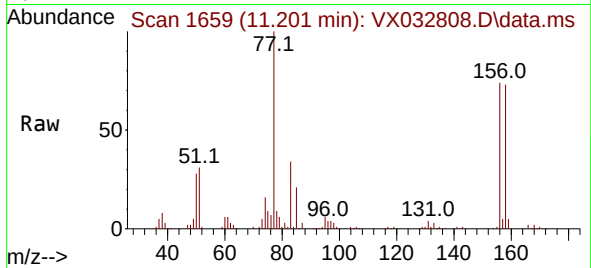
Tgt Ion: 75 Resp: 88408
Ion Ratio Lower Upper
75 100
77 37.8 20.0 60.0





#77
Bromobenzene
Concen: 50.902 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

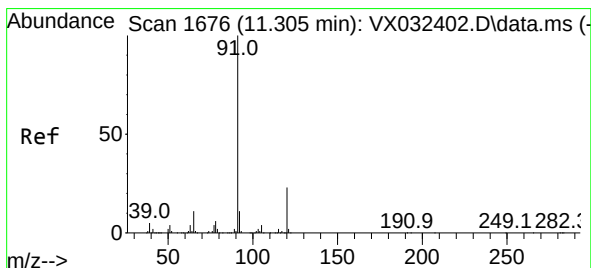
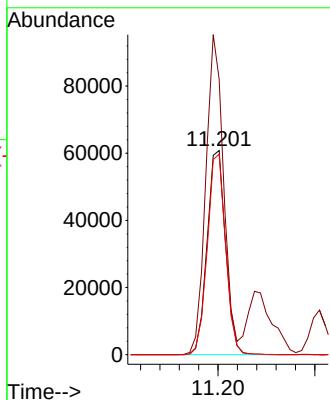
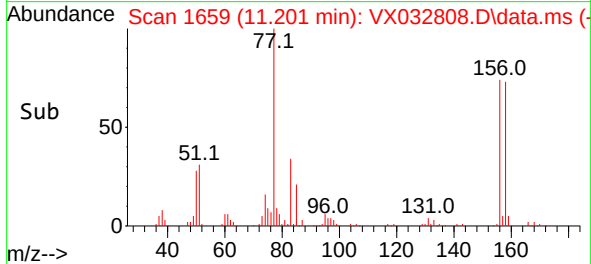
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



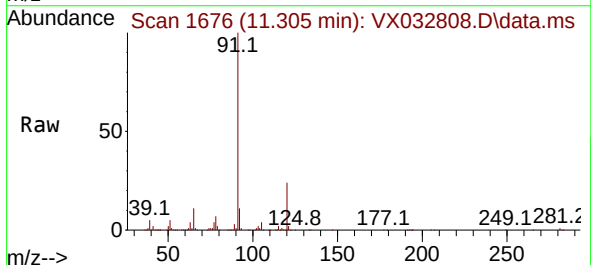
Tgt Ion:156 Resp: 80628
Ion Ratio Lower Upper
156 100
77 150.6 76.1 228.4
158 97.1 48.8 146.3

Manual Integrations
APPROVED

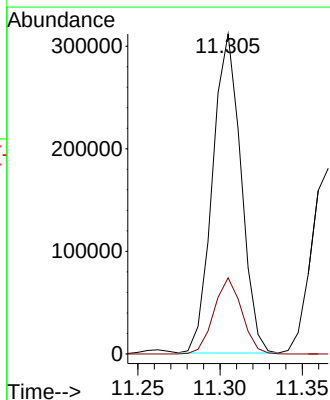
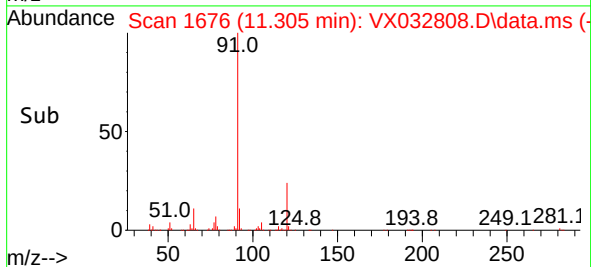
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

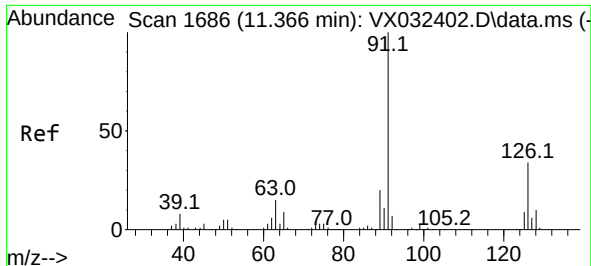


#78
n-propylbenzene
Concen: 50.286 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27



Tgt Ion: 91 Resp: 374325
Ion Ratio Lower Upper
91 100
120 23.4 11.6 34.8





#79

2-Chlorotoluene

Concen: 50.268 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032808.D

Acq: 14 Nov 2022 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 22409

Ion Ratio Lower Upper

91 100

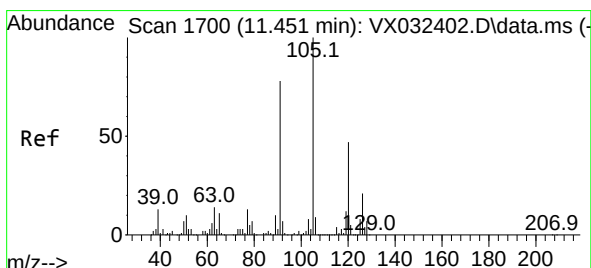
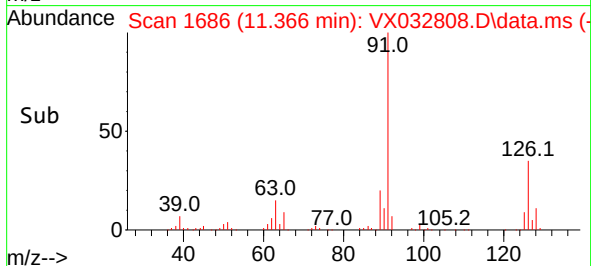
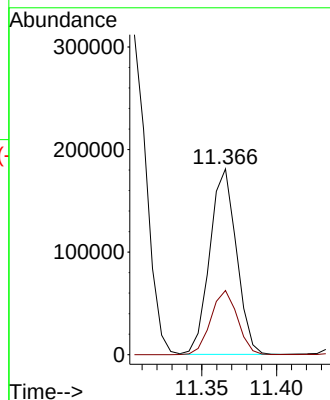
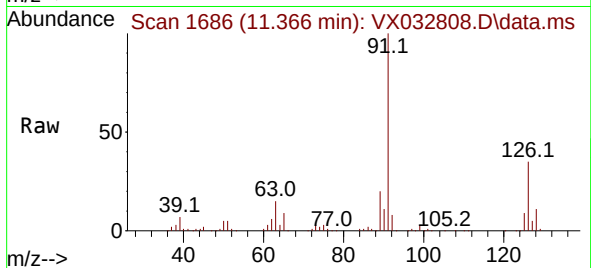
126 34.7 17.1 51.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#80

1,3,5-Trimethylbenzene

Concen: 50.578 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX032808.D

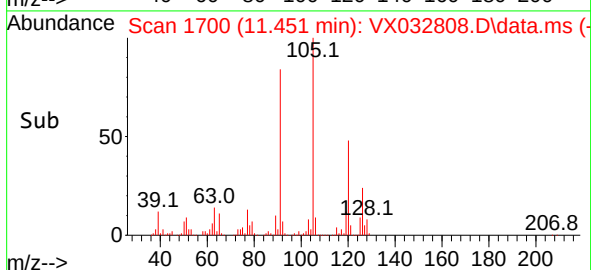
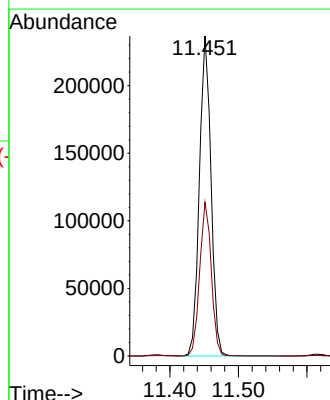
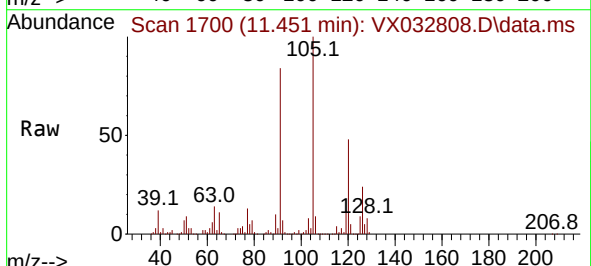
Acq: 14 Nov 2022 20:27

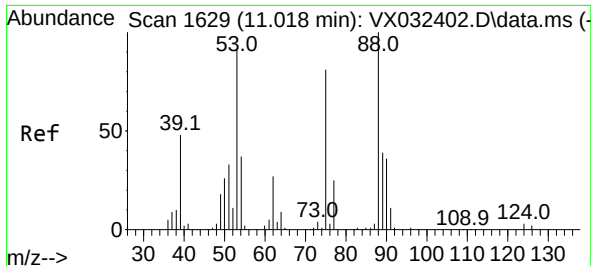
Tgt Ion:105 Resp: 279288

Ion Ratio Lower Upper

105 100

120 48.1 23.6 71.0





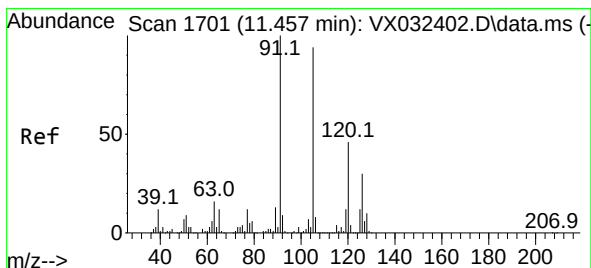
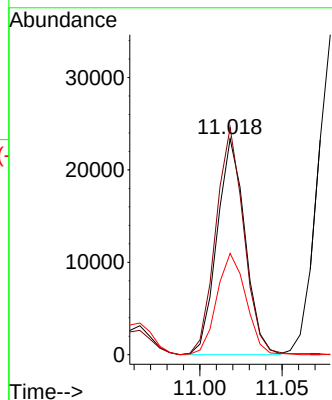
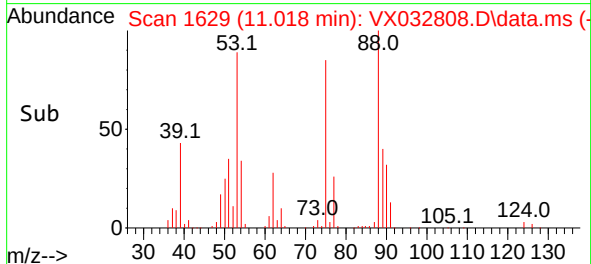
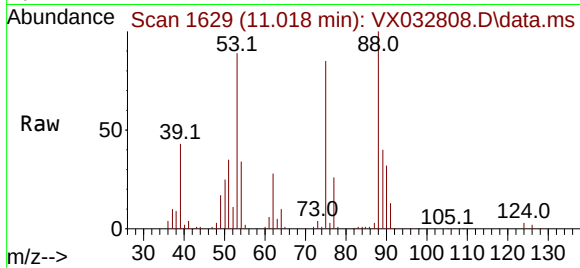
#81
trans-1,4-Dichloro-2-butene
Concen: 48.674 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 2774
Ion Ratio Lower Upper
75 100
53 105.7 86.9 130.3
89 48.6 38.3 57.5

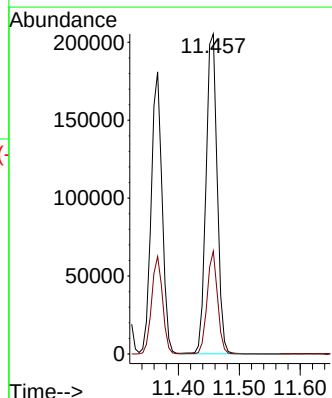
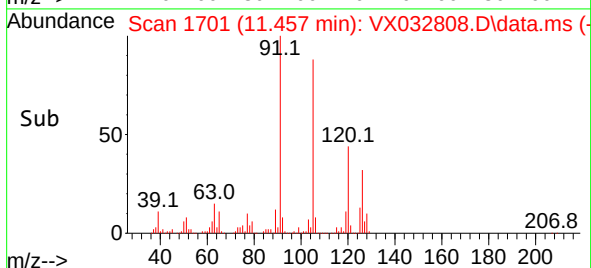
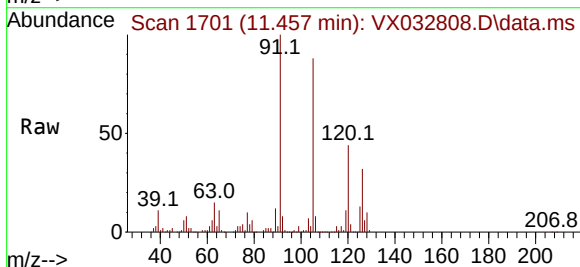
Manual Integrations
APPROVED

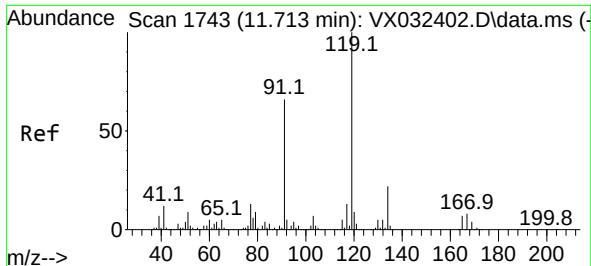
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#82
4-Chlorotoluene
Concen: 50.317 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

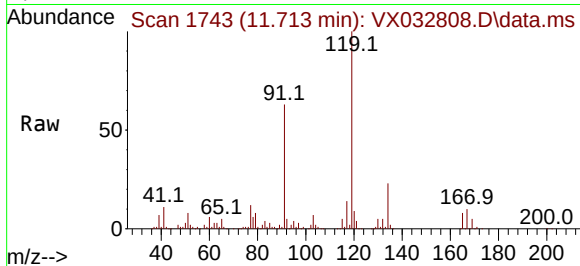
Tgt Ion: 91 Resp: 262476
Ion Ratio Lower Upper
91 100
126 30.1 14.8 44.4





#83
 tert-Butylbenzene
 Concen: 51.763 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX032808.D
 Acq: 14 Nov 2022 20:27

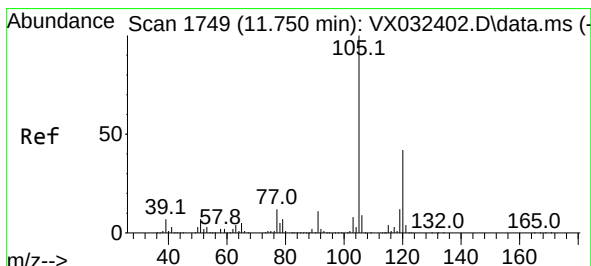
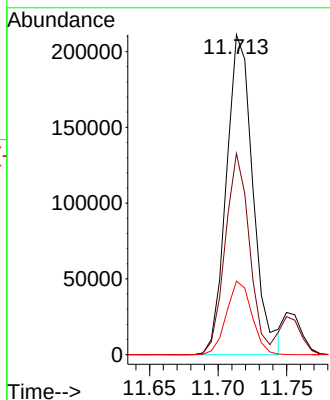
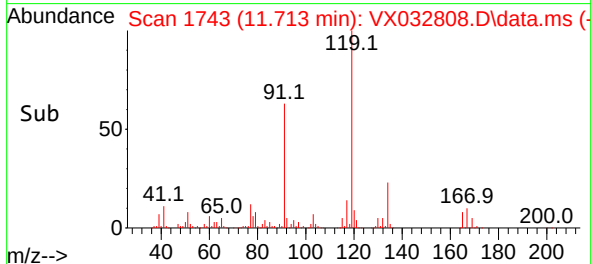
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



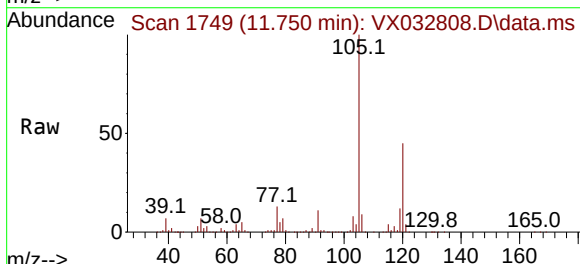
Tgt Ion:119 Resp: 285360
 Ion Ratio Lower Upper
 119 100
 91 57.6 29.4 88.2
 134 21.9 11.0 33.0

Manual Integrations
 APPROVED

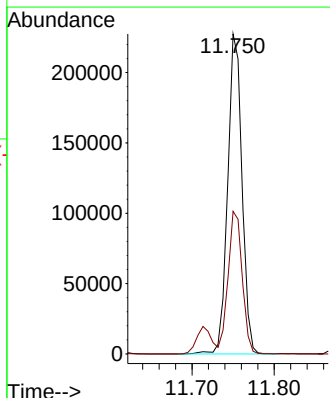
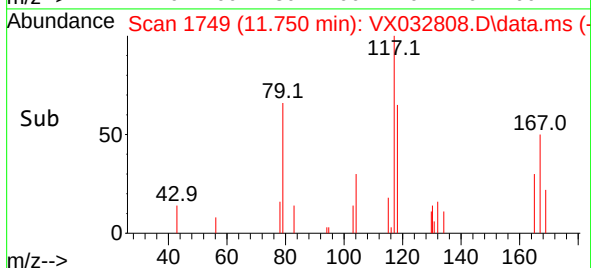
Reviewed By :John Carlone 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022

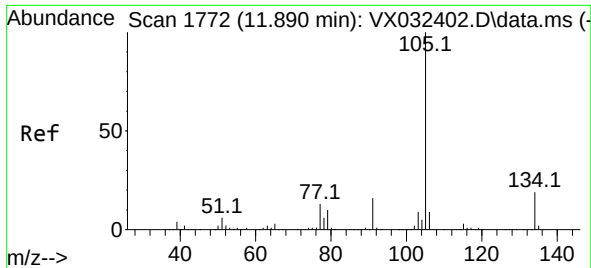


#84
 1,2,4-Trimethylbenzene
 Concen: 50.227 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX032808.D
 Acq: 14 Nov 2022 20:27



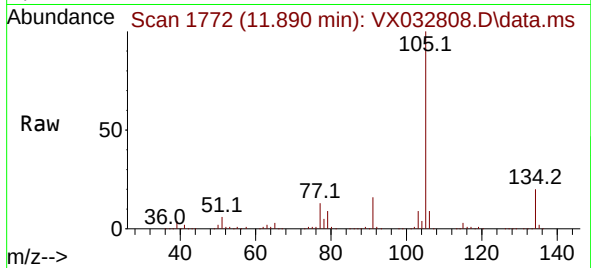
Tgt Ion:105 Resp: 275854
 Ion Ratio Lower Upper
 105 100
 120 44.1 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 50.614 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032808.D
 Acq: 14 Nov 2022 20:27

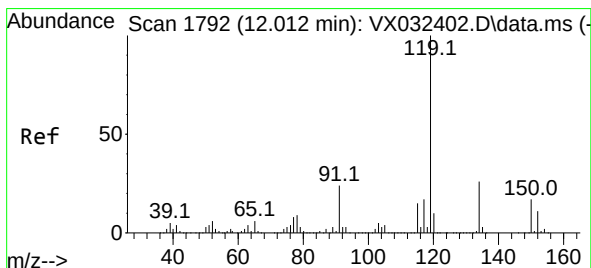
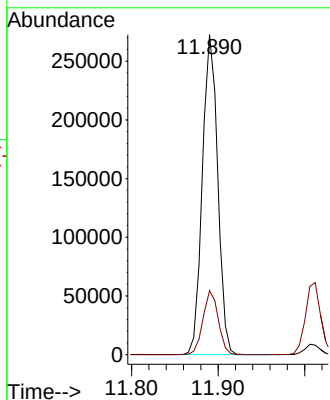
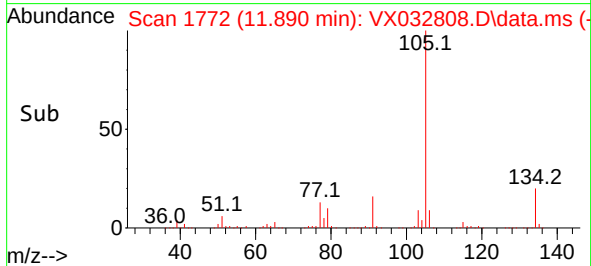
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



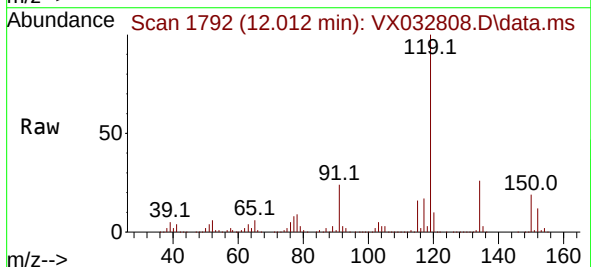
Tgt Ion:105 Resp: 33575
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.9 29.7

Manual Integrations
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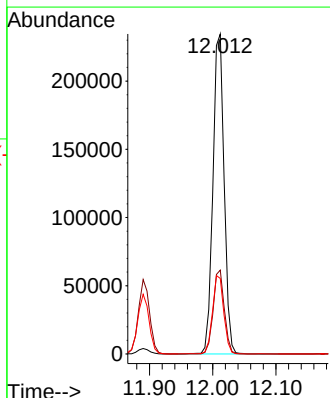
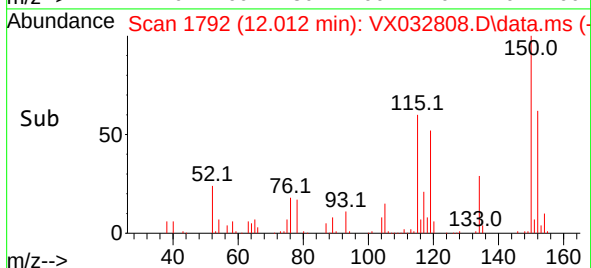
Reviewed By :John Carlone 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022

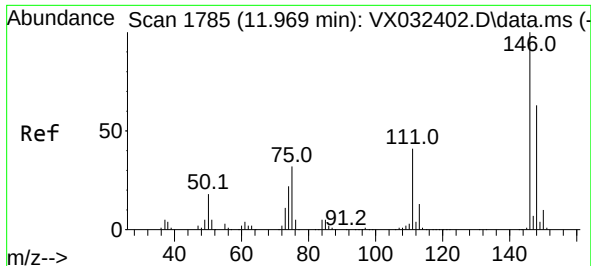


#86
 p-Isopropyltoluene
 Concen: 51.215 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032808.D
 Acq: 14 Nov 2022 20:27



Tgt Ion:119 Resp: 288280
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.7
 91 24.6 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 51.013 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032808.D

Acq: 14 Nov 2022 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

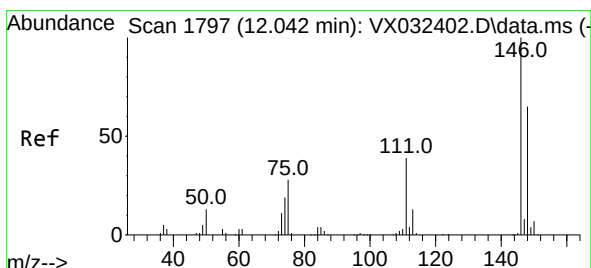
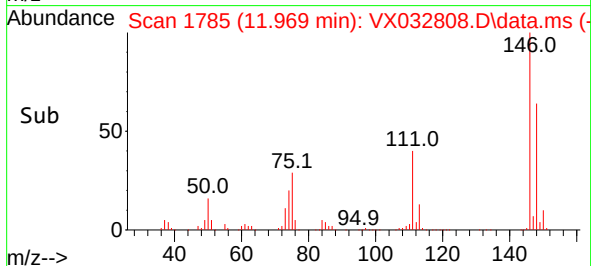
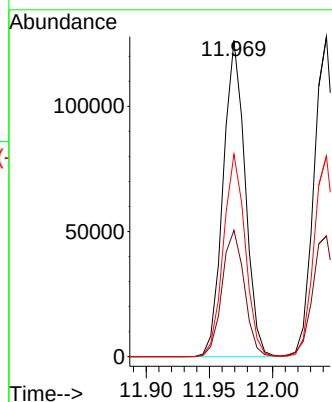
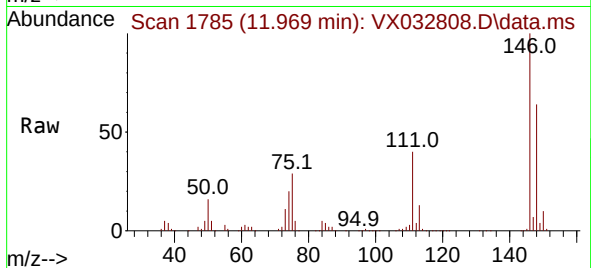
Tgt Ion:146 Resp: 152424
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.6 61.8
 148 63.5 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#88

1,4-Dichlorobenzene

Concen: 50.075 ug/l

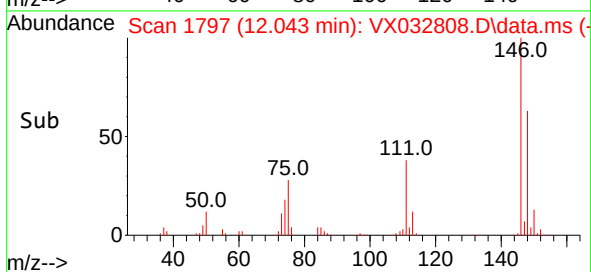
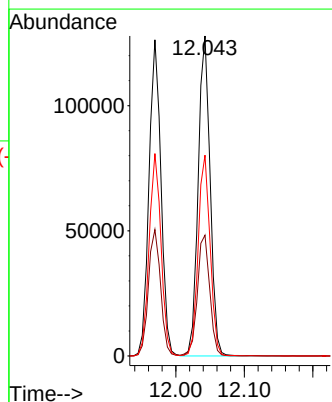
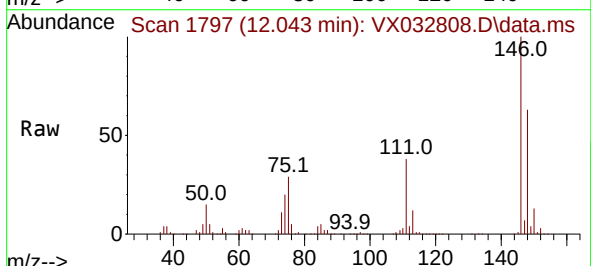
RT: 12.043 min Scan# 1797

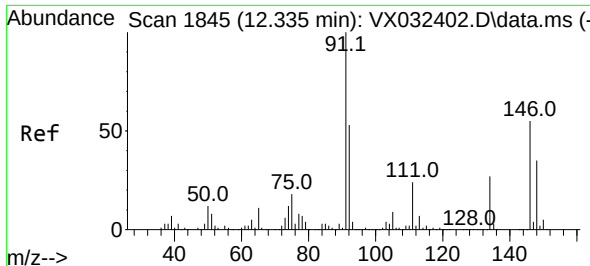
Delta R.T. 0.000 min

Lab File: VX032808.D

Acq: 14 Nov 2022 20:27

Tgt Ion:146 Resp: 155221
 Ion Ratio Lower Upper
 146 100
 111 39.0 20.5 61.6
 148 62.6 32.2 96.6





#89

n-Butylbenzene

Concen: 49.867 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032808.D

Acq: 14 Nov 2022 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 24419

Ion Ratio Lower Upper

91 100

92 51.6 26.2 78.6

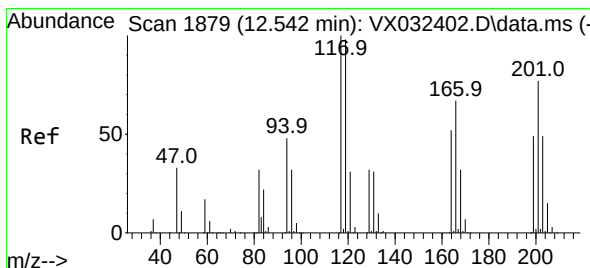
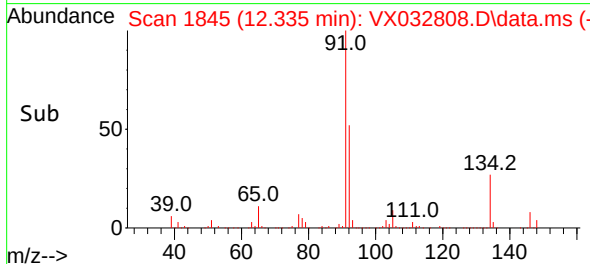
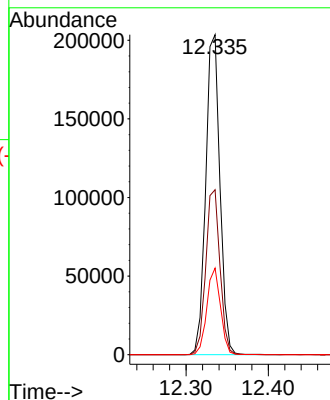
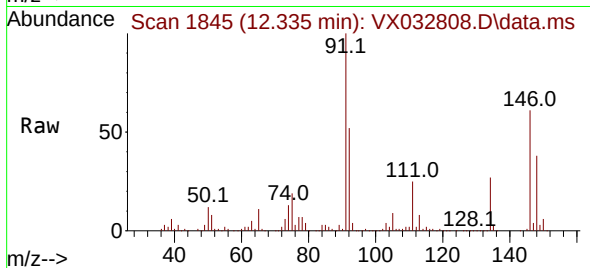
134 26.1 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#90

Hexachloroethane

Concen: 53.972 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX032808.D

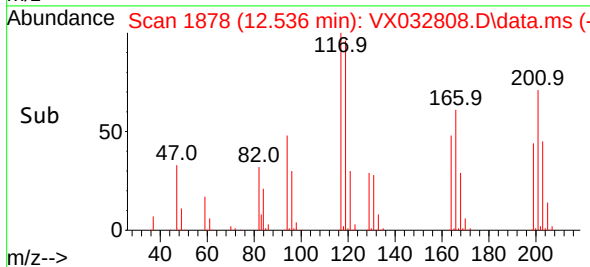
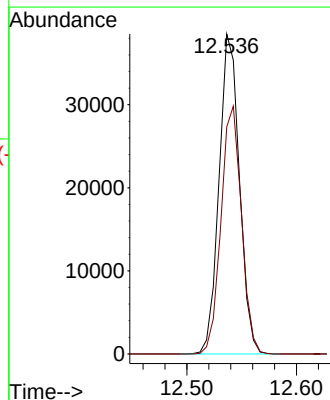
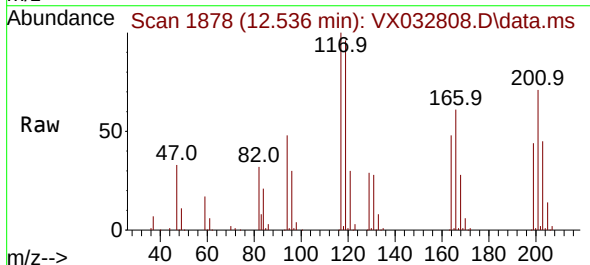
Acq: 14 Nov 2022 20:27

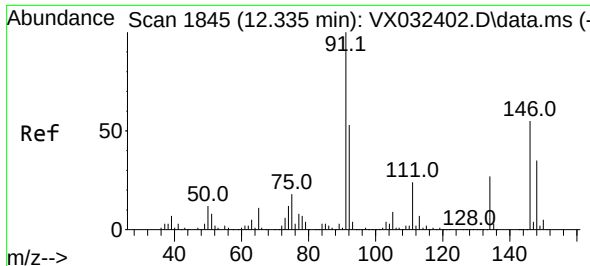
Tgt Ion:117 Resp: 49622

Ion Ratio Lower Upper

117 100

201 78.0 37.6 112.9





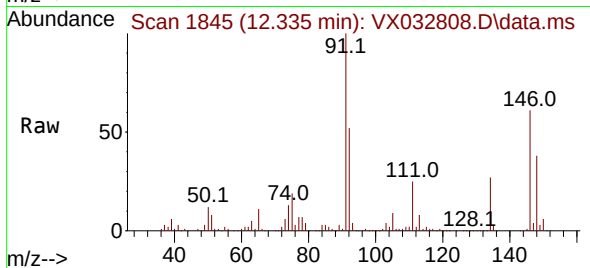
#91
1,2-Dichlorobenzene
Concen: 50.763 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



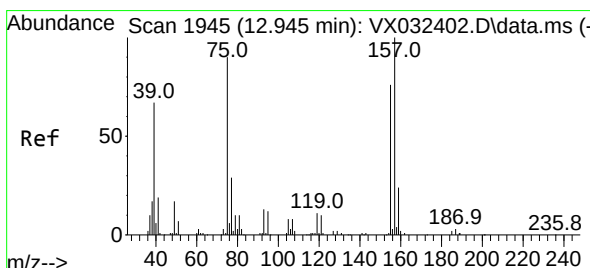
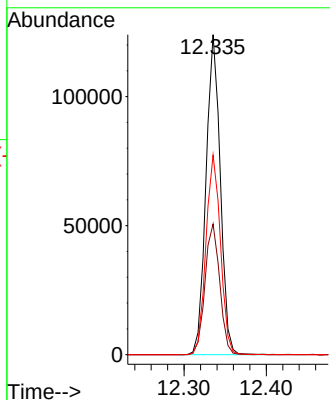
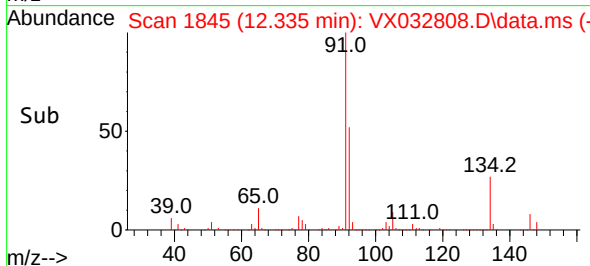
Tgt Ion:146 Resp: 14955
Ion Ratio Lower Upper
146 100
111 42.1 21.5 64.5
148 63.6 32.0 96.2

Manual Integrations

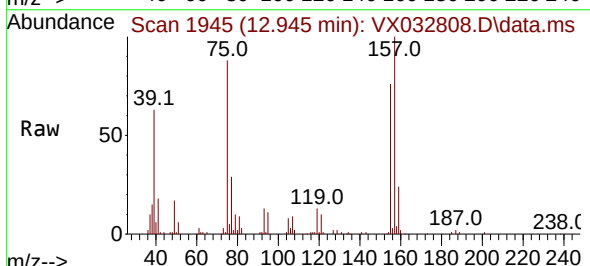
APPROVED

Reviewed By :John Carlone 11/15/2022

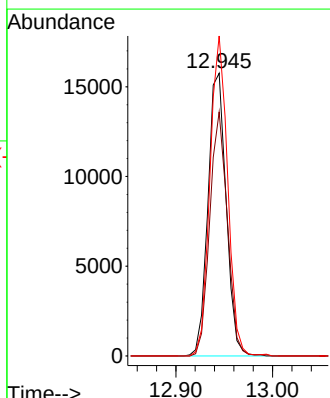
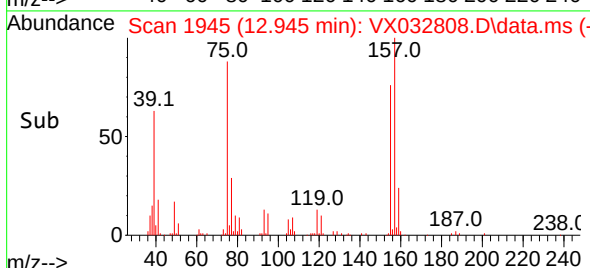
Supervised By :Mahesh Dadoda 11/15/2022

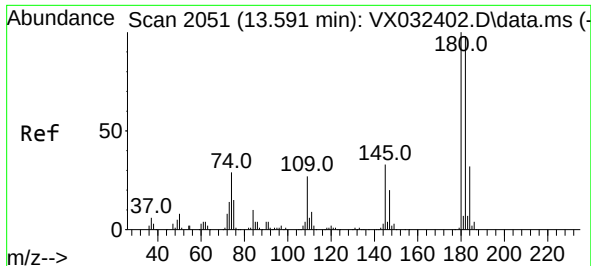


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.284 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27



Tgt Ion: 75 Resp: 20591
Ion Ratio Lower Upper
75 100
155 83.5 41.6 124.8
157 109.9 54.1 162.4





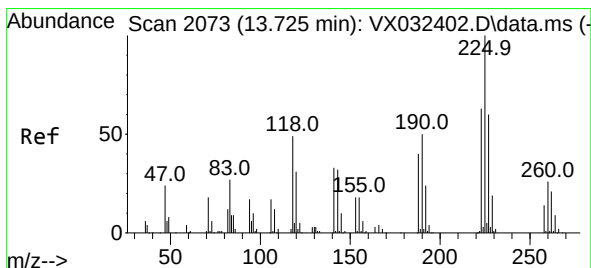
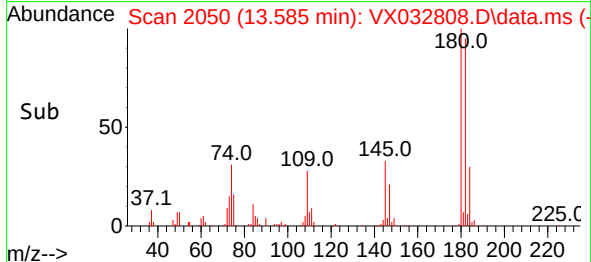
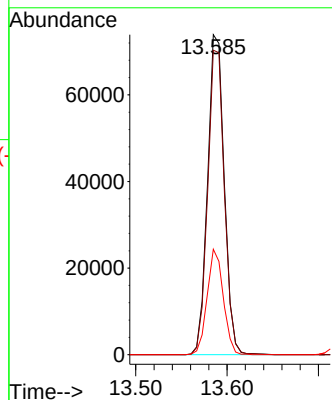
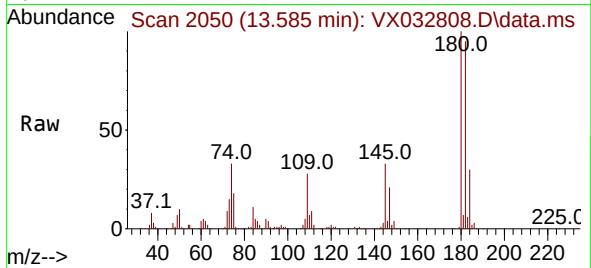
#93
1,2,4-Trichlorobenzene
Concen: 48.646 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 93449
Ion Ratio Lower Upper
180 100
182 95.3 48.4 145.0
145 31.9 16.2 48.5

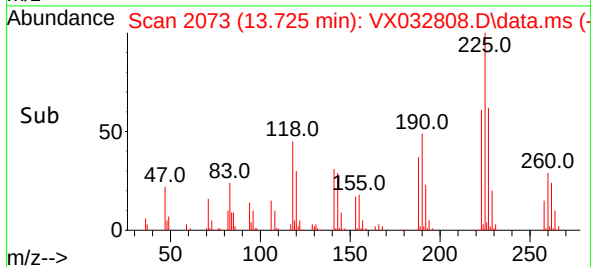
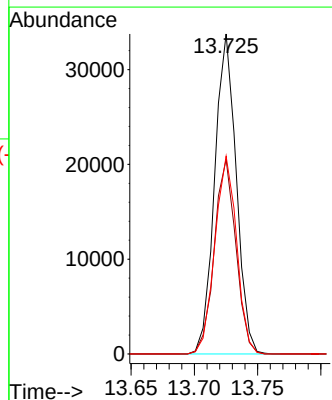
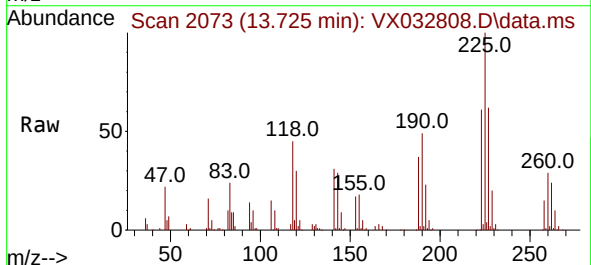
Manual Integrations
APPROVED

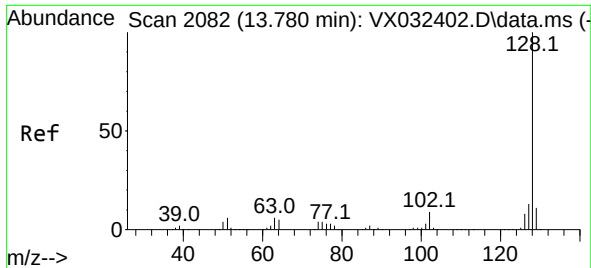
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#94
Hexachlorobutadiene
Concen: 49.825 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

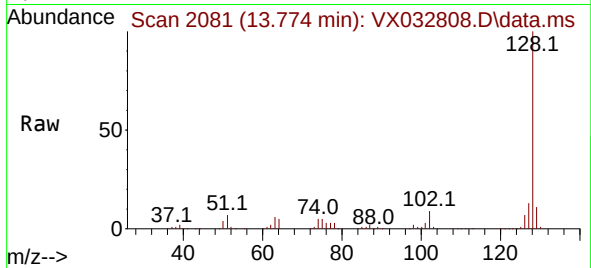
Tgt Ion:225 Resp: 39974
Ion Ratio Lower Upper
225 100
223 60.8 31.9 95.9
227 62.4 31.9 95.5





#95
Naphthalene
Concen: 47.114 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

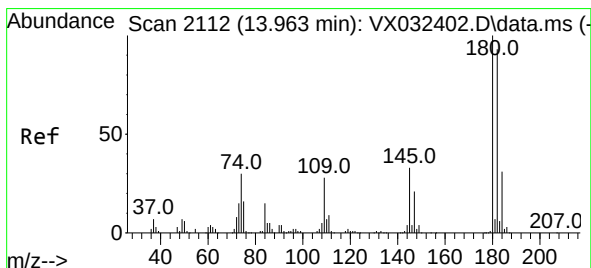
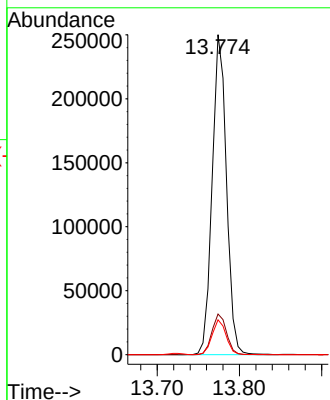
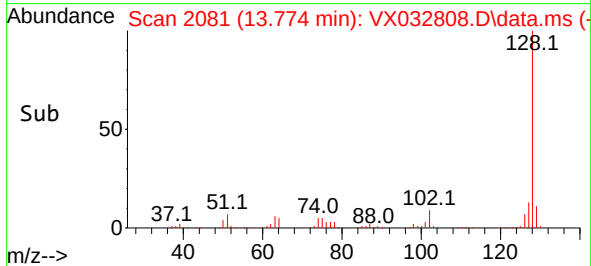
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 301574
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.8 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 48.600 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX032808.D
Acq: 14 Nov 2022 20:27

Tgt Ion:180 Resp: 94902
Ion Ratio Lower Upper
180 100
182 94.7 47.5 142.6
145 32.9 16.9 50.6

