

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052322\
 Data File : VX028909.D
 Acq On : 23 May 2022 21:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/24/2022
 Supervised By : Mahesh Dadoda 05/24/2022

Quant Time: May 24 05:38:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	279846	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	461658	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	430780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	222884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	196612	51.254	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.500%			
35) Dibromofluoromethane	5.391	113	158897	52.533	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.060%			
50) Toluene-d8	8.653	98	569821	49.968	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.940%			
62) 4-Bromofluorobenzene	11.085	95	231795	54.420	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.840%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	169176	46.169	ug/l	99
3) Chloromethane	1.288	50	140310	40.659	ug/l	99
4) Vinyl Chloride	1.374	62	160732	43.220	ug/l	99
5) Bromomethane	1.599	94	73074	25.023	ug/l	97
6) Chloroethane	1.679	64	102899	43.645	ug/l	99
7) Trichlorofluoromethane	1.886	101	261557	44.114	ug/l	96
8) Diethyl Ether	2.130	74	95026	43.985	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	147060	47.133	ug/l	99
10) Methyl Iodide	2.453	142	154029	41.234	ug/l	93
11) Tert butyl alcohol	2.965	59	210174	258.440	ug/l	99
12) 1,1-Dichloroethene	2.319	96	136120	46.998	ug/l	99
13) Acrolein	2.233	56	43925	69.762	ug/l	99
14) Allyl chloride	2.666	41	221903	47.770	ug/l	93
15) Acrylonitrile	3.062	53	459319	248.520	ug/l	99
16) Acetone	2.380	43	399669	242.763	ug/l	94
17) Carbon Disulfide	2.508	76	305719	40.720	ug/l	99
18) Methyl Acetate	2.703	43	212254	51.475	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	530613	51.627	ug/l	99
20) Methylene Chloride	2.788	84	163723	47.402	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	149643	45.870	ug/l	98
22) Diisopropyl ether	3.763	45	481365	48.491	ug/l	93
23) Vinyl Acetate	3.721	43	2106737	246.180	ug/l	97
24) 1,1-Dichloroethane	3.611	63	284022	49.215	ug/l	99
25) 2-Butanone	4.556	43	641121	248.091	ug/l	97
26) 2,2-Dichloropropane	4.477	77	213175	47.112	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	185416	48.662	ug/l	98
28) Bromochloromethane	4.904	49	113582	46.758	ug/l	99
29) Tetrahydrofuran	5.007	42	408836	243.388	ug/l	94
30) Chloroform	5.099	83	313006	50.115	ug/l	100
31) Cyclohexane	5.477	56	234954	44.126	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	280676	51.476	ug/l	99
36) 1,1-Dichloropropene	5.696	75	218956	48.196	ug/l	99
37) Ethyl Acetate	4.715	43	244718	51.572	ug/l	98
38) Carbon Tetrachloride	5.684	117	241898	52.908	ug/l	98
39) Methylcyclohexane	7.385	83	246381	47.290	ug/l	95
40) Benzene	6.044	78	634496	48.595	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	135123	53.109	ug/l	94
42) 1,2-Dichloroethane	6.092	62	252361	52.400	ug/l	98
43) Isopropyl Acetate	6.342	43	379248	51.087	ug/l	97
44) Trichloroethene	7.129	130	179990	50.829	ug/l	94
45) 1,2-Dichloropropane	7.434	63	163923	50.320	ug/l	100
46) Dibromomethane	7.580	93	122022	50.158	ug/l	96
47) Bromodichloromethane	7.824	83	242995	53.800	ug/l	100
48) Methyl methacrylate	7.696	41	191561	53.418	ug/l	90
49) 1,4-Dioxane	7.659	88	95224	1062.910	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	1251977	256.037	ug/l	96
52) Toluene	8.720	92	420874	50.110	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	252588	48.629	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	269369	53.003	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	179015	52.269	ug/l	98
56) Ethyl methacrylate	9.116	69	281256	54.229	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	299750	51.890	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	633207	249.371	ug/l	97
59) 2-Hexanone	9.433	43	984903	259.250	ug/l	93
60) Dibromochloromethane	9.525	129	188198	56.344	ug/l	96
61) 1,2-Dibromoethane	9.610	107	189126	52.576	ug/l	99
64) Tetrachloroethene	9.275	164	162589	49.980	ug/l	96
65) Chlorobenzene	10.079	112	467819	51.191	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	178666	55.190	ug/l	98
67) Ethyl Benzene	10.195	91	835263	50.992	ug/l	99
68) m/p-Xylenes	10.305	106	647942	101.602	ug/l	98
69) o-Xylene	10.646	106	321653	51.229	ug/l	97
70) Styrene	10.659	104	543555	53.309	ug/l	97
71) Bromoform	10.799	173	136212	50.745	ug/l #	99
73) Isopropylbenzene	10.963	105	850216	50.301	ug/l	99
74) N-amyl acetate	10.841	43	331321	49.866	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	291622	50.292	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	268219m	51.386	ug/l	
77) Bromobenzene	11.201	156	204761	51.199	ug/l	96
78) n-propylbenzene	11.305	91	964621	49.338	ug/l	99
79) 2-Chlorotoluene	11.366	91	600108	50.079	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	721717	51.244	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	77637	44.808	ug/l #	87
82) 4-Chlorotoluene	11.457	91	694034	50.099	ug/l	99
83) tert-Butylbenzene	11.719	119	716825	52.568	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	727908	51.540	ug/l	99
85) sec-Butylbenzene	11.890	105	857249	50.965	ug/l	100
86) p-Isopropyltoluene	12.012	119	732373	51.889	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	391646	49.927	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	397581	48.864	ug/l	98
89) n-Butylbenzene	12.335	91	606975	49.633	ug/l	99
90) Hexachloroethane	12.542	117	114607	50.211	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	398705	51.739	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	67857	54.805	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	231660	52.050	ug/l	98
94) Hexachlorobutadiene	13.725	225	95115	52.604	ug/l	95
95) Naphthalene	13.774	128	864052	54.555	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	232149	51.933	ug/l	96

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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

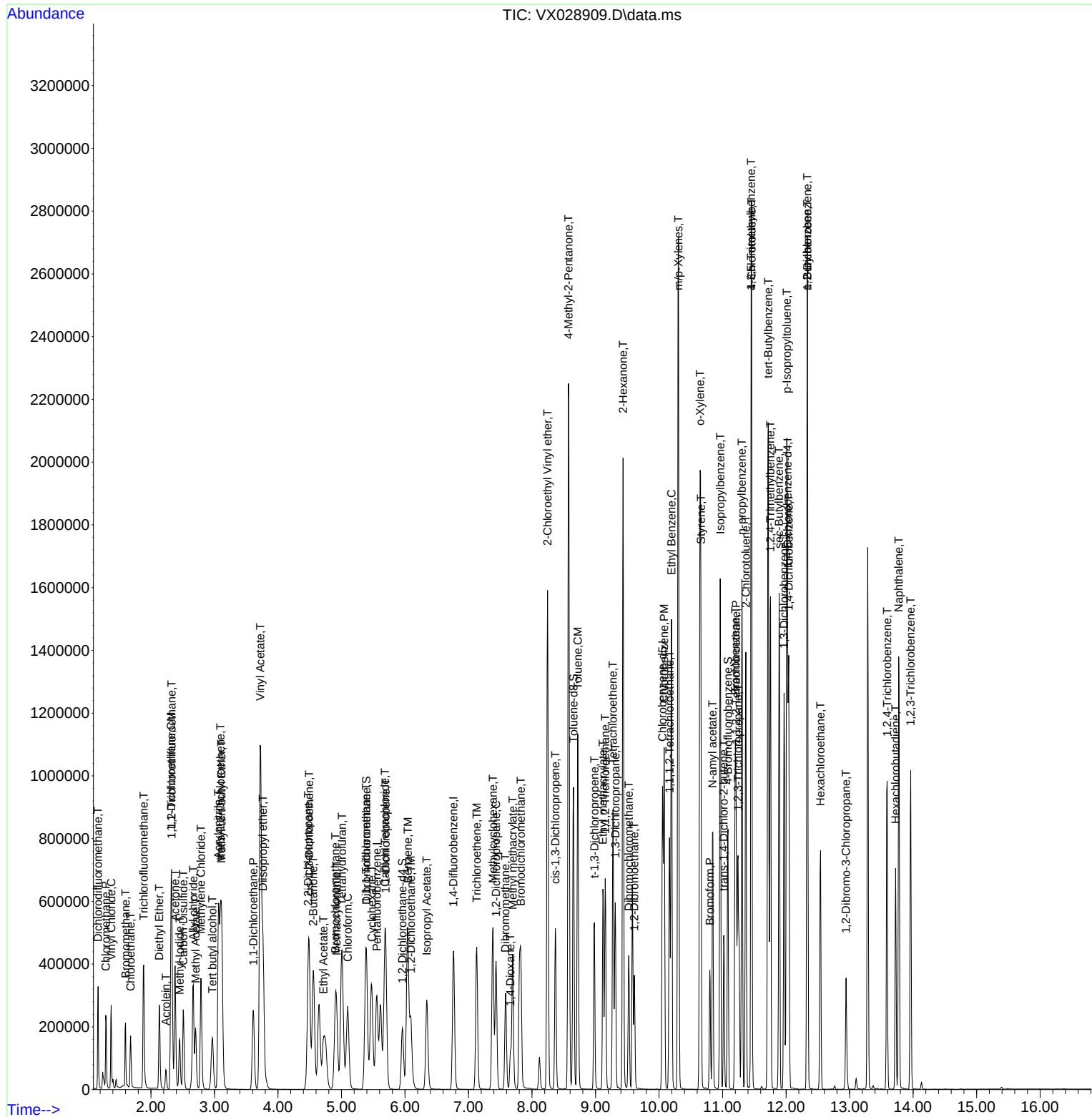
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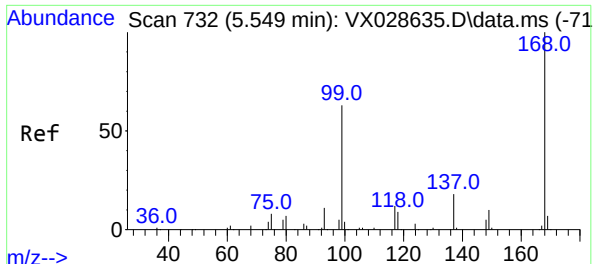
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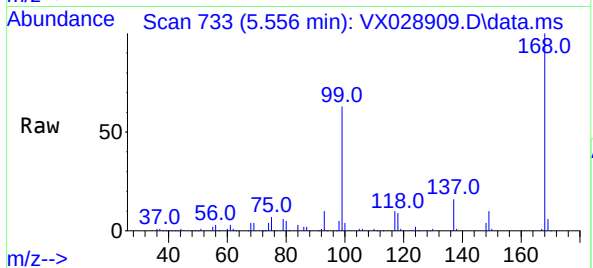
Reviewed By :John Carlone 05/24/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028909.D
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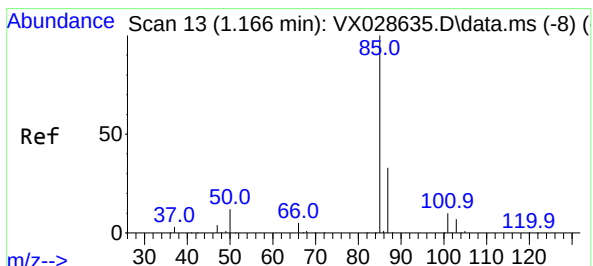
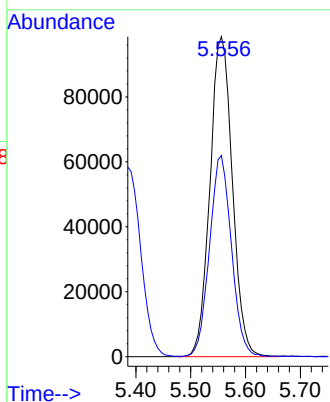
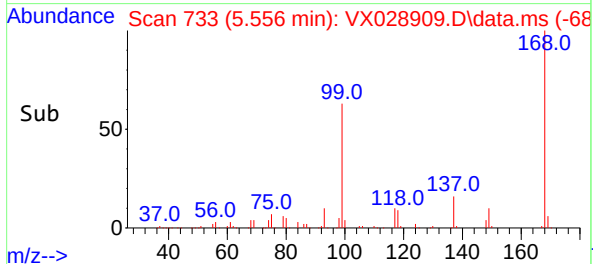
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



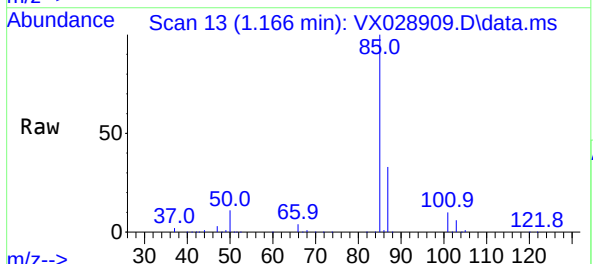
Tgt Ion:168 Resp: 279840
Ion Ratio Lower Upper
168 100
99 62.8 41.7 62.5

Manual Integrations
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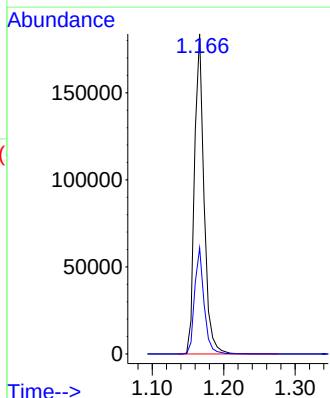
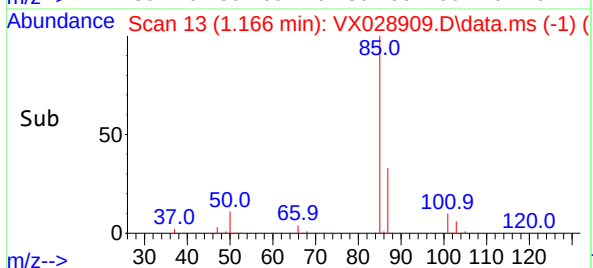
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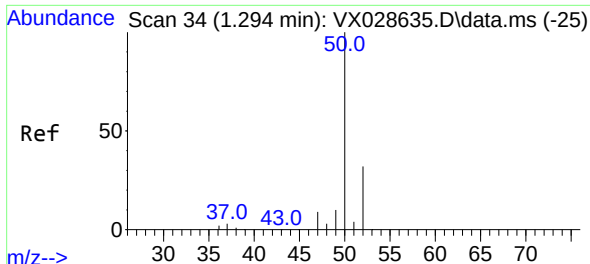


#2
Dichlorodifluoromethane
Concen: 46.169 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03



Tgt Ion: 85 Resp: 169176
Ion Ratio Lower Upper
85 100
87 33.2 16.2 48.6





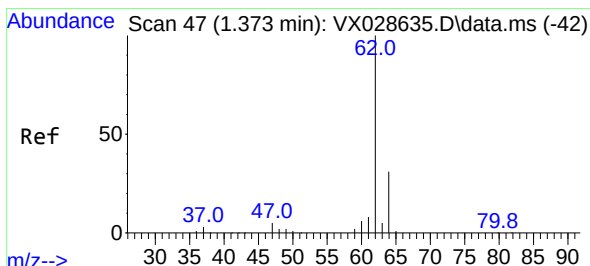
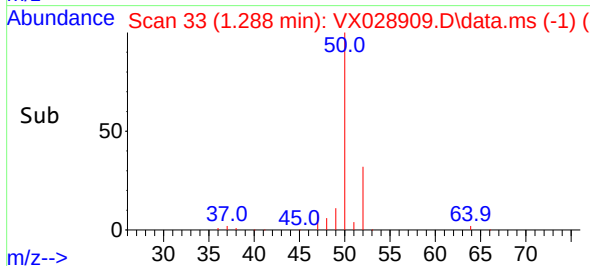
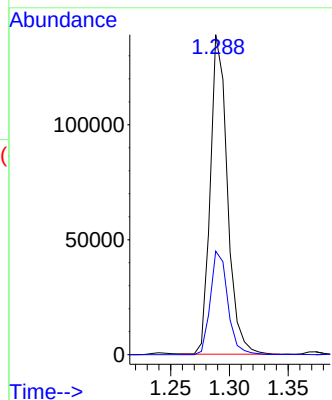
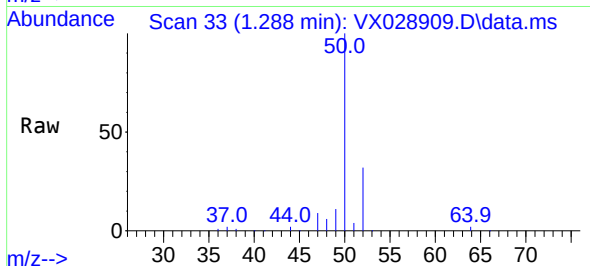
#3
Chloromethane
Concen: 40.659 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

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Tgt Ion: 50 Resp: 140310
Ion Ratio Lower Upper
50 100
52 32.4 26.4 39.6

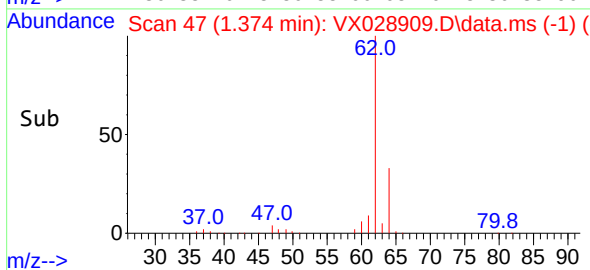
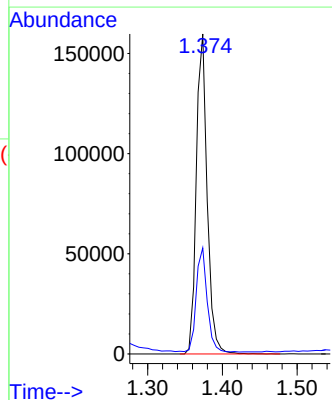
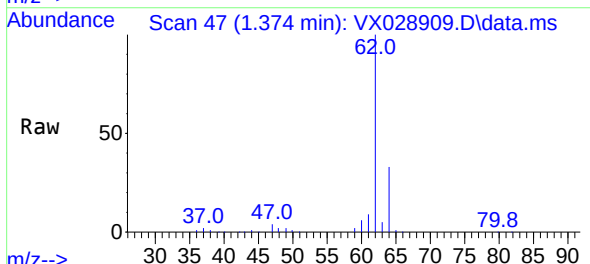
Manual Integrations
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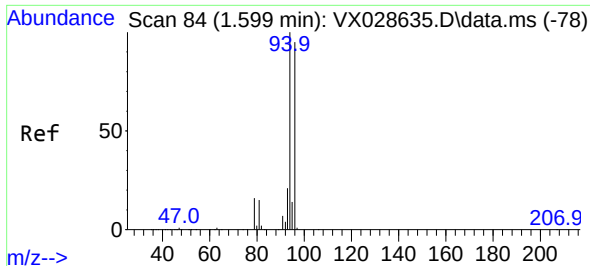
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#4
Vinyl Chloride
Concen: 43.220 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

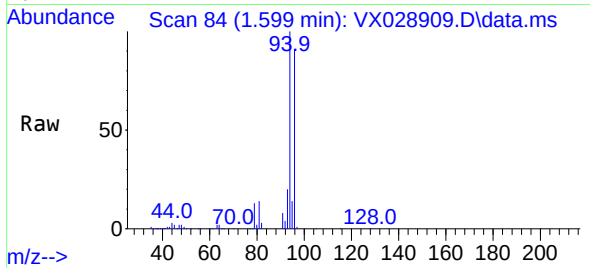
Tgt Ion: 62 Resp: 160732
Ion Ratio Lower Upper
62 100
64 32.4 25.5 38.3





#5
Bromomethane
Concen: 25.023 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX028909.D
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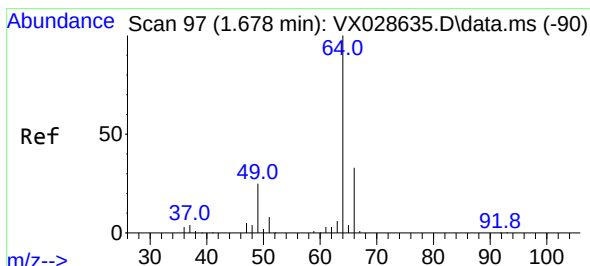
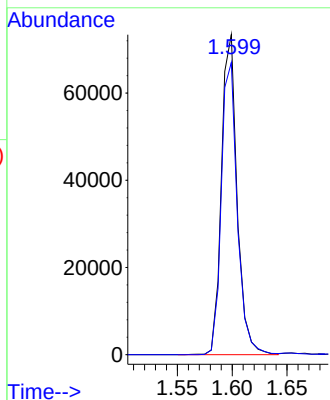
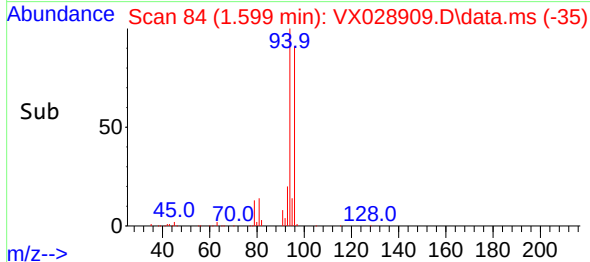
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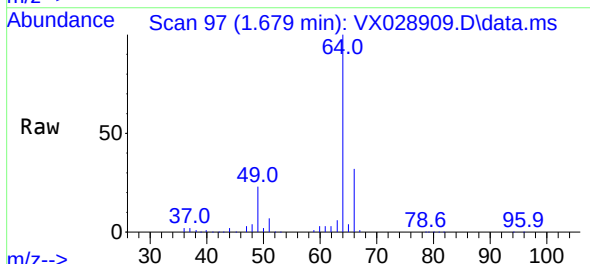
Tgt Ion: 94 Resp: 73074
Ion Ratio Lower Upper
94 100
96 91.3 75.3 112.9

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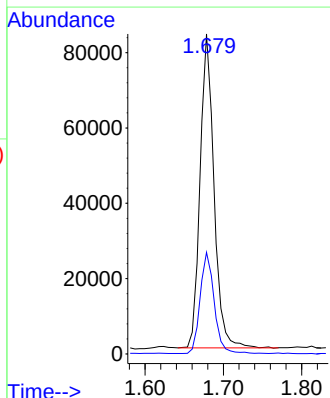
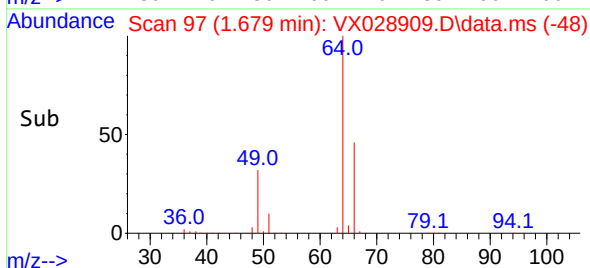
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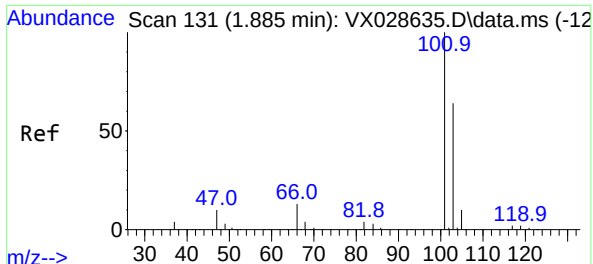


#6
Chloroethane
Concen: 43.645 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03



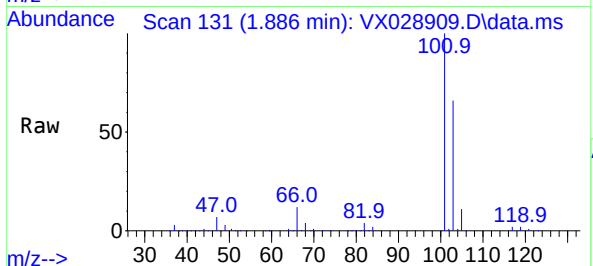
Tgt Ion: 64 Resp: 102899
Ion Ratio Lower Upper
64 100
66 32.2 25.3 37.9





#7
Trichlorofluoromethane
Concen: 44.114 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

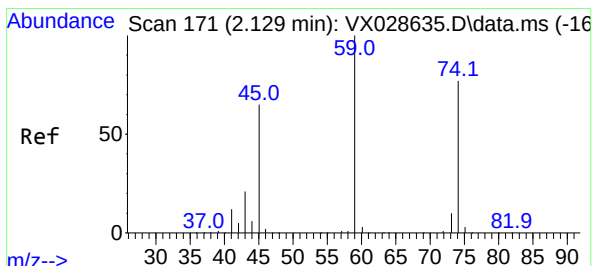
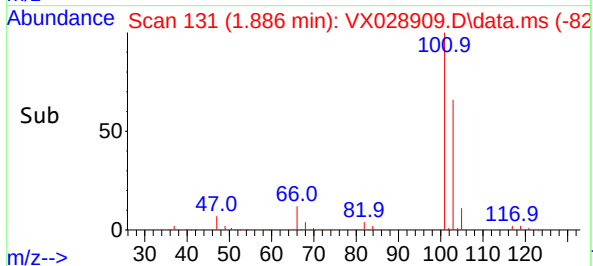
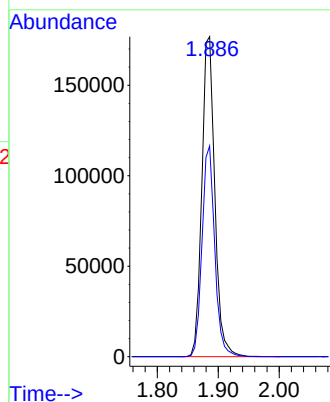
Instrument :
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Tgt Ion:101 Resp: 26155
Ion Ratio Lower Upper
101 100
103 65.9 50.5 75.7

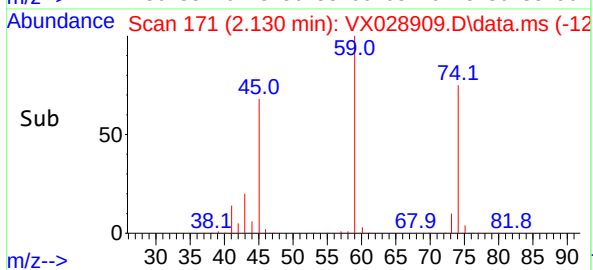
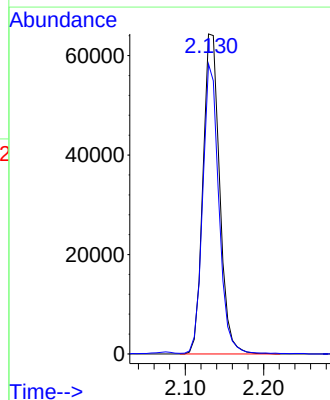
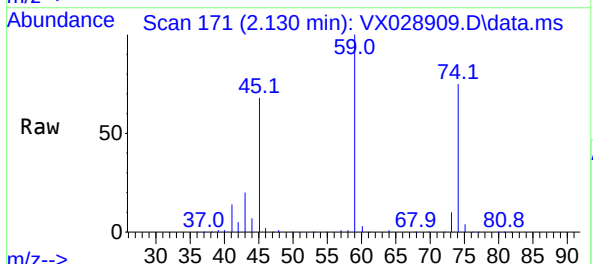
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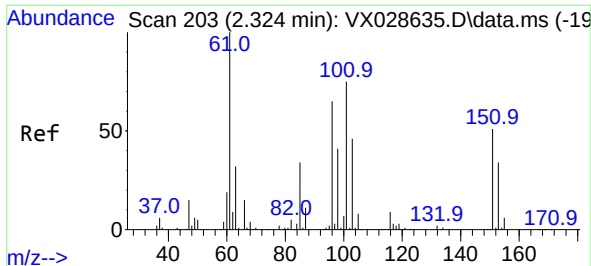
Reviewed By :John Carlone 05/24/2022
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#8
Diethyl Ether
Concen: 43.985 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.001 min
Lab File: VX028909.D
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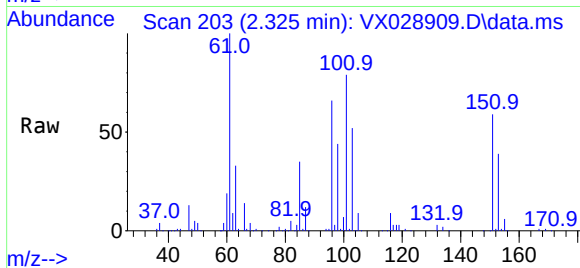
Tgt Ion: 74 Resp: 95026
Ion Ratio Lower Upper
74 100
45 87.6 42.0 126.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.133 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.001 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

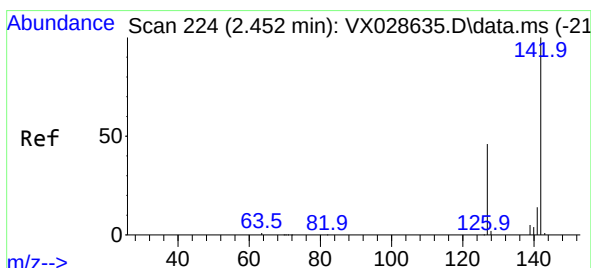
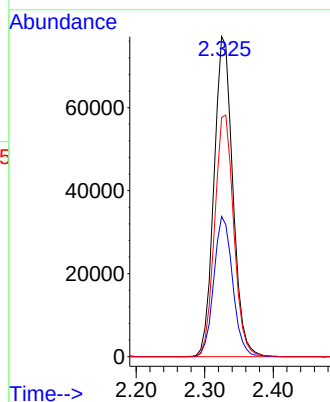
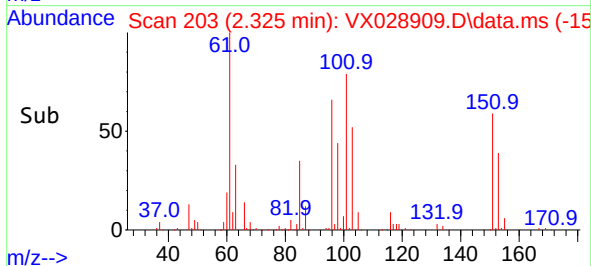
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



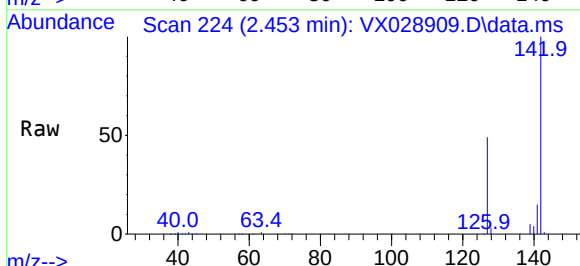
Tgt Ion:101 Resp: 147060
Ion Ratio Lower Upper
101 100
85 43.8 33.5 50.3
151 76.6 61.8 92.6

Manual Integrations
APPROVED

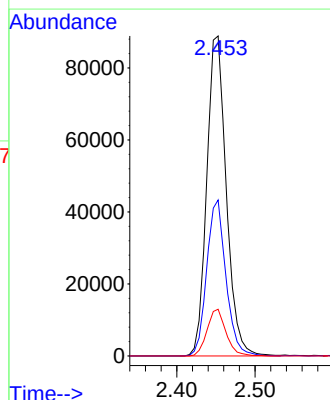
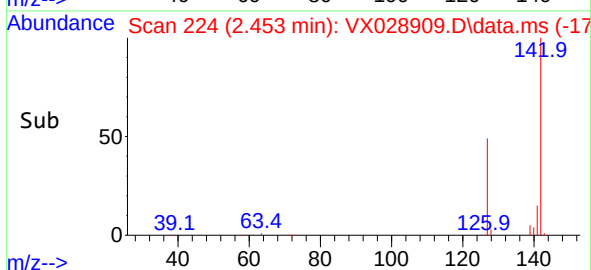
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

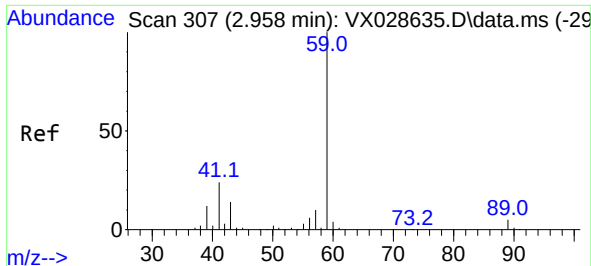


#10
Methyl Iodide
Concen: 41.234 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03



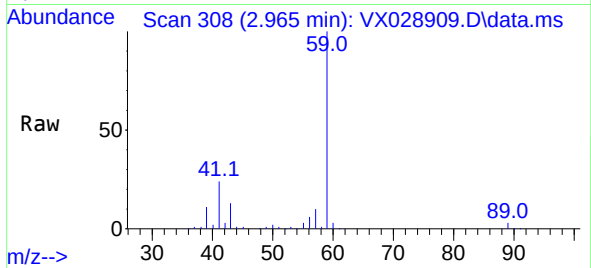
Tgt Ion:142 Resp: 154029
Ion Ratio Lower Upper
142 100
127 47.8 33.9 50.9
141 14.1 11.4 17.2





#11
Tert butyl alcohol
Concen: 258.440 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.007 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

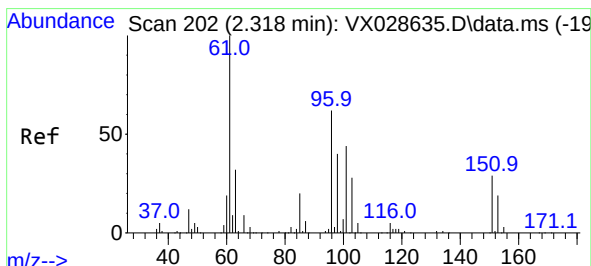
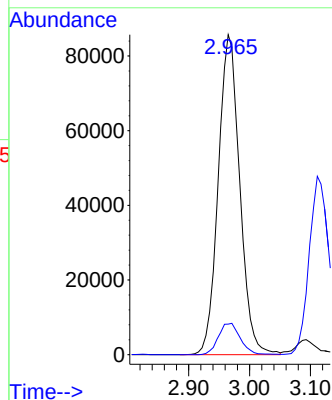
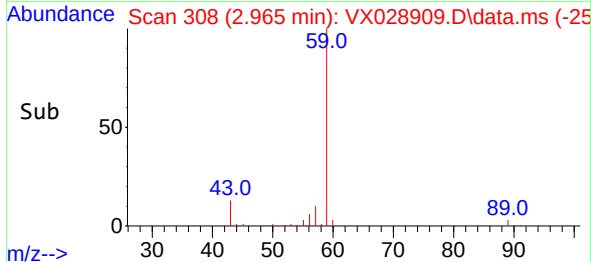
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



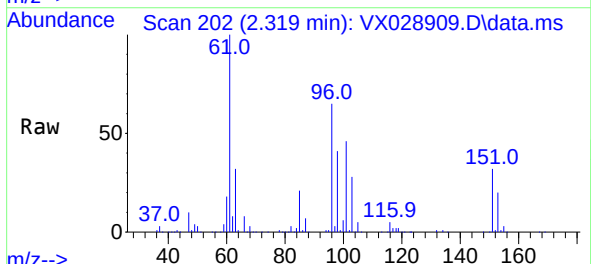
Tgt Ion: 59 Resp: 210174
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

Manual Integrations
APPROVED

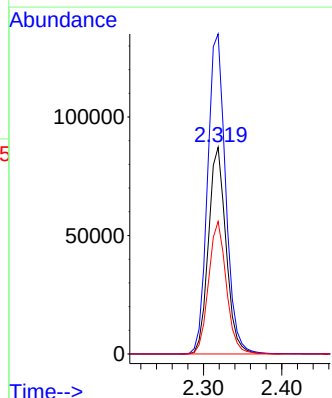
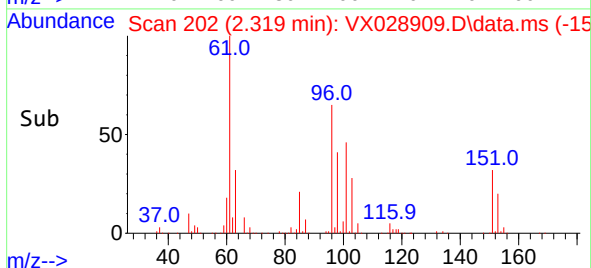
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

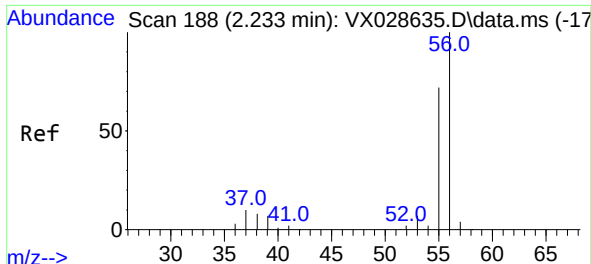


#12
1,1-Dichloroethene
Concen: 46.998 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03



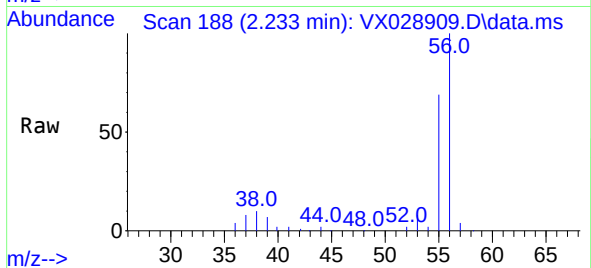
Tgt Ion: 96 Resp: 136120
Ion Ratio Lower Upper
96 100
61 154.8 124.6 187.0
98 64.1 51.0 76.4





#13
Acrolein
Concen: 69.762 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

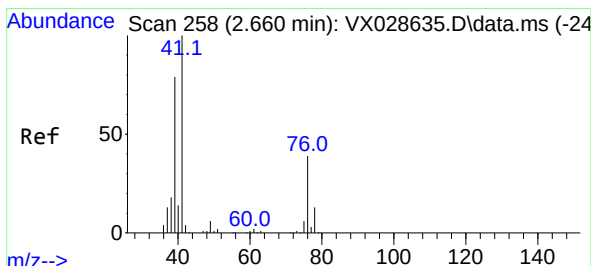
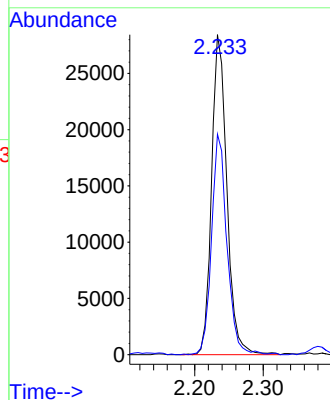
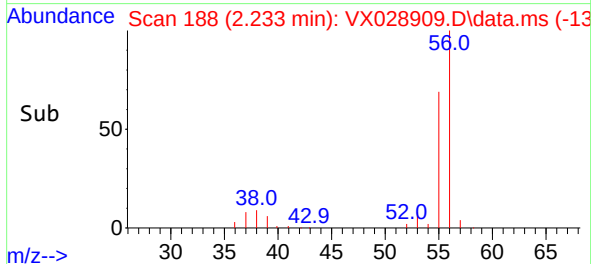
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



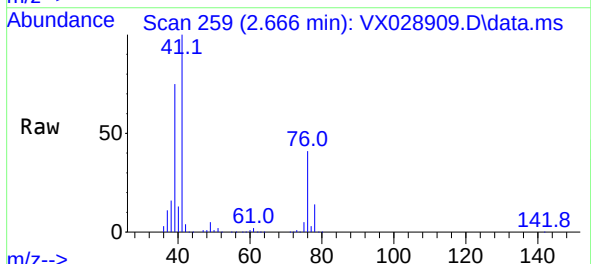
Tgt Ion: 56 Resp: 43925
Ion Ratio Lower Upper
56 100
55 69.8 55.0 82.6

Manual Integrations
APPROVED

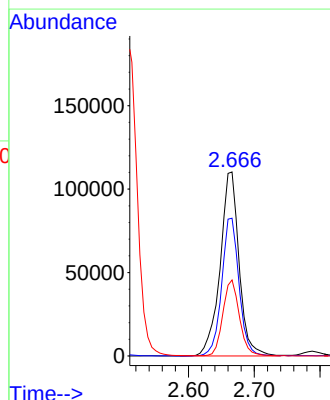
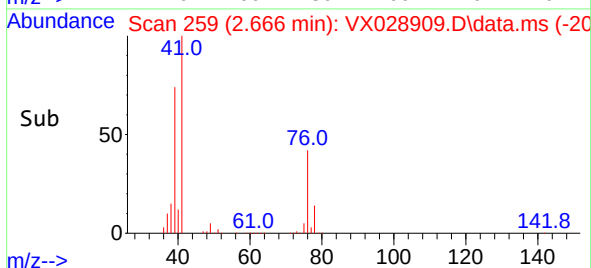
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

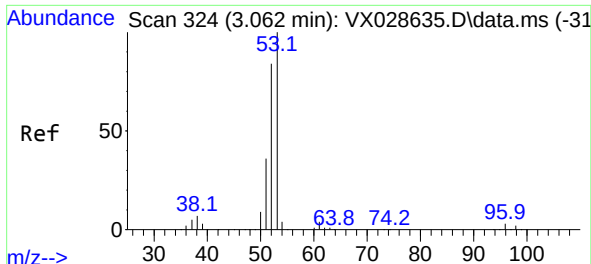


#14
Allyl chloride
Concen: 47.770 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03



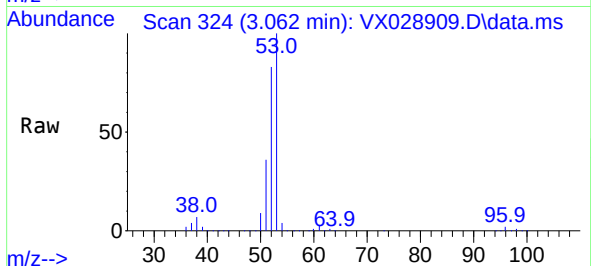
Tgt Ion: 41 Resp: 221903
Ion Ratio Lower Upper
41 100
39 68.4 50.4 75.6
76 36.2 32.7 49.1





#15
Acrylonitrile
Concen: 248.520 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

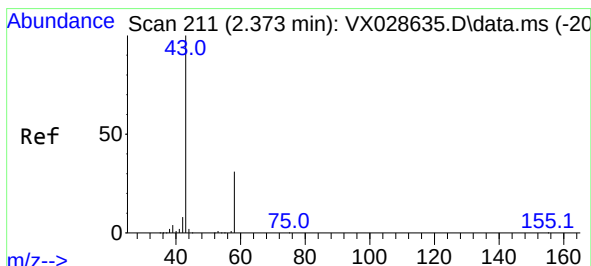
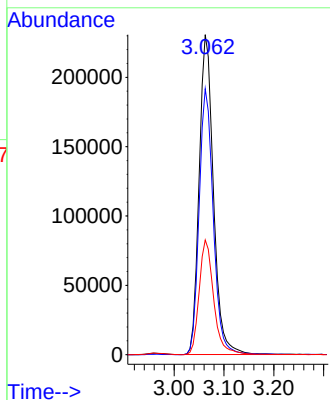
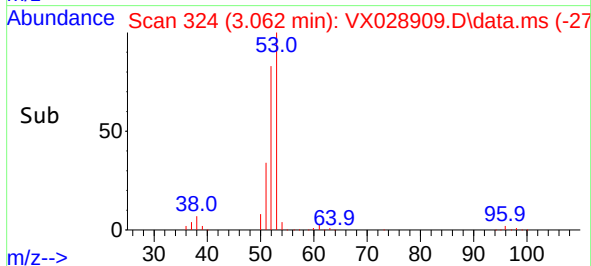
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



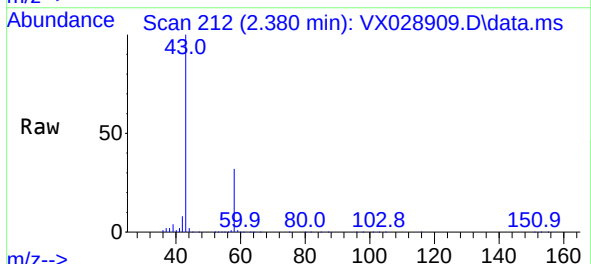
Tgt Ion: 53 Resp: 459319
Ion Ratio Lower Upper
53 100
52 82.5 65.7 98.5
51 36.6 28.4 42.6

Manual Integrations
APPROVED

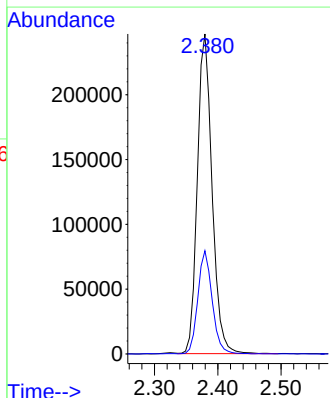
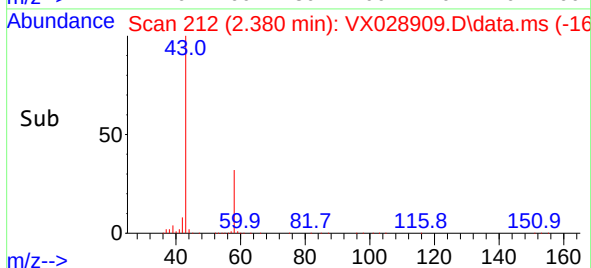
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

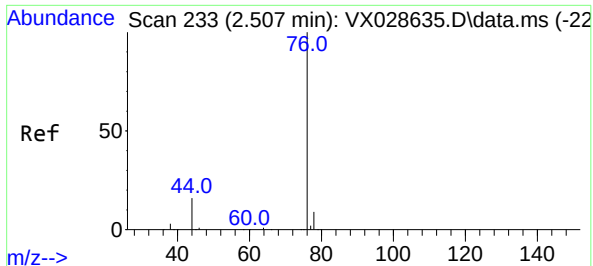


#16
Acetone
Concen: 242.763 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03



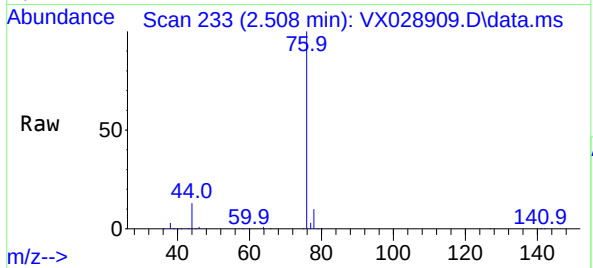
Tgt Ion: 43 Resp: 399669
Ion Ratio Lower Upper
43 100
58 32.3 28.8 43.2





#17
Carbon Disulfide
Concen: 40.720 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

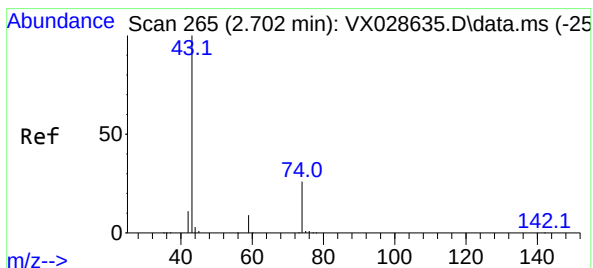
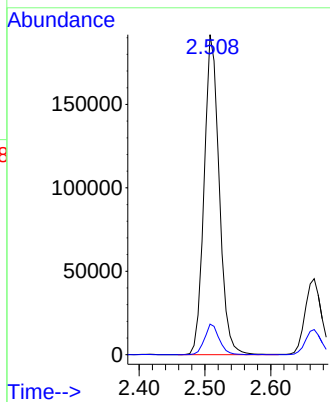
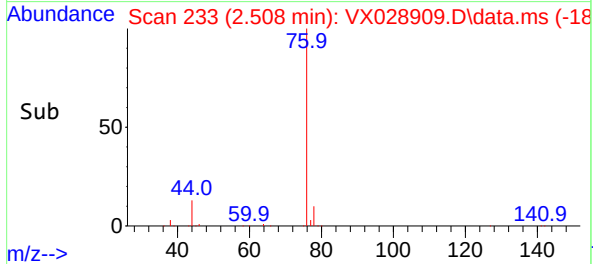
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



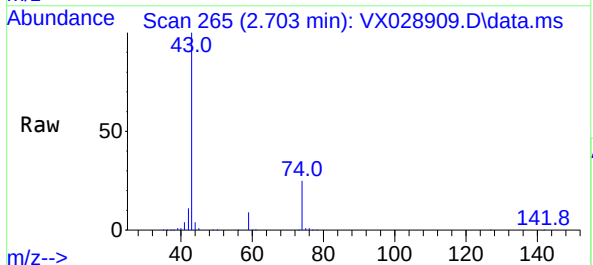
Tgt Ion: 76 Resp: 305719
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

Manual Integrations
APPROVED

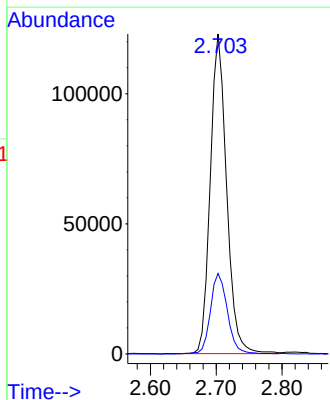
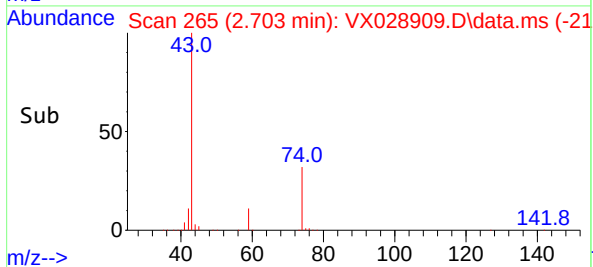
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

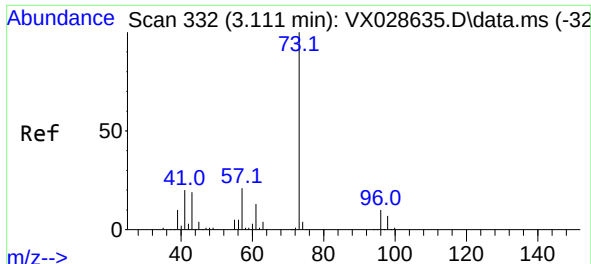


#18
Methyl Acetate
Concen: 51.475 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.001 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03



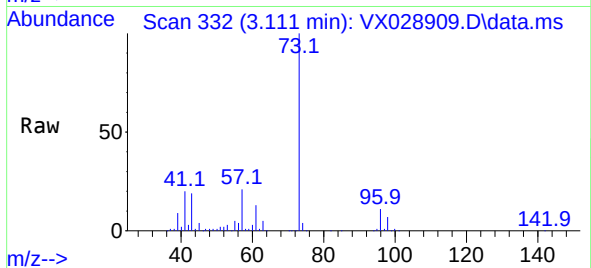
Tgt Ion: 43 Resp: 212254
Ion Ratio Lower Upper
43 100
74 26.4 22.8 34.2





#19
Methyl tert-butyl Ether
Concen: 51.627 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

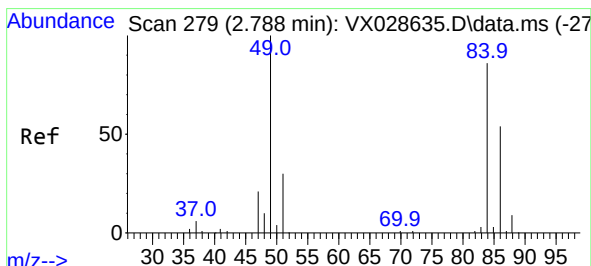
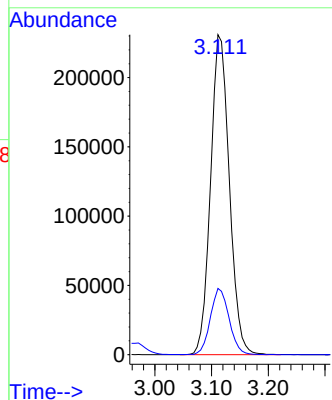
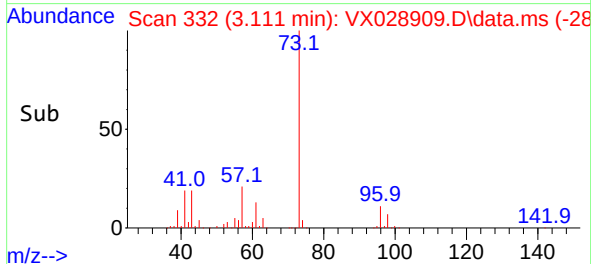
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 53061
Ion Ratio Lower Upper
73 100
57 20.7 16.8 25.2

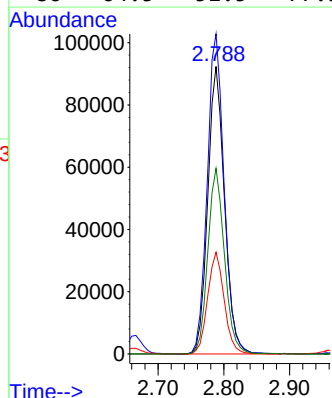
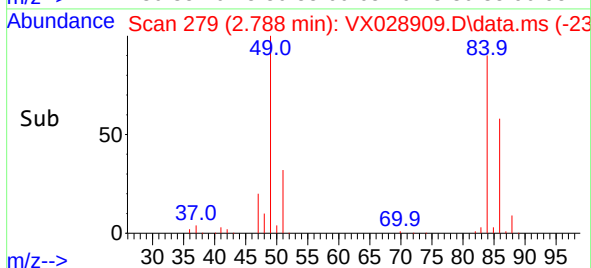
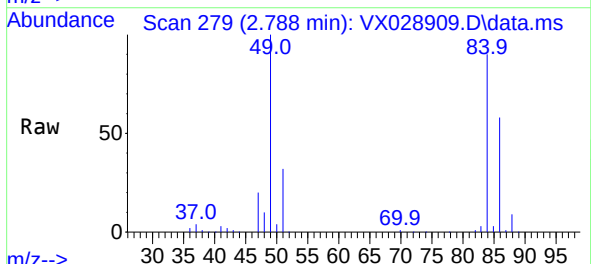
Manual Integrations
APPROVED

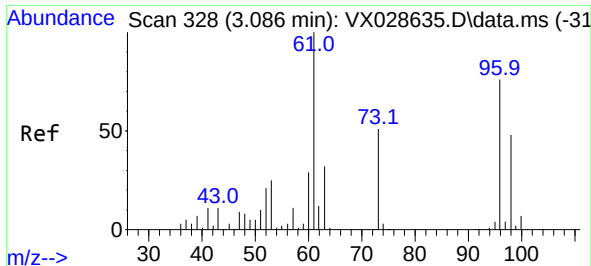
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#20
Methylene Chloride
Concen: 47.402 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

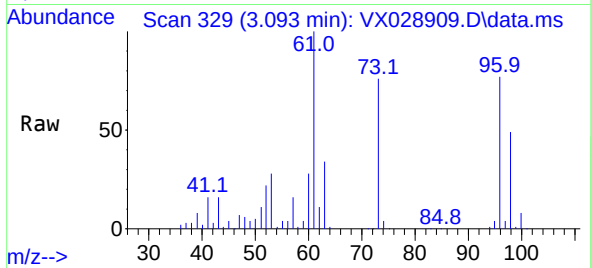
Tgt Ion: 84 Resp: 163723
Ion Ratio Lower Upper
84 100
49 111.3 85.5 128.3
51 35.4 26.6 39.8
86 64.5 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 45.870 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

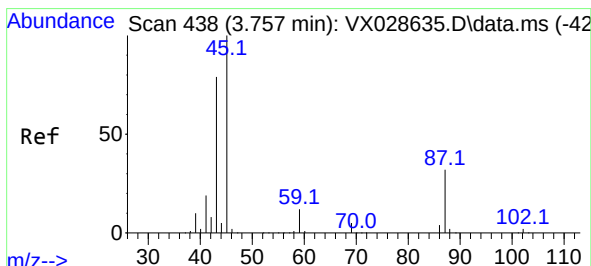
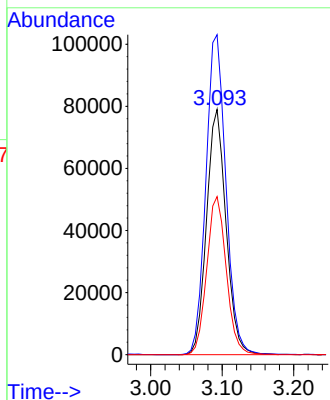
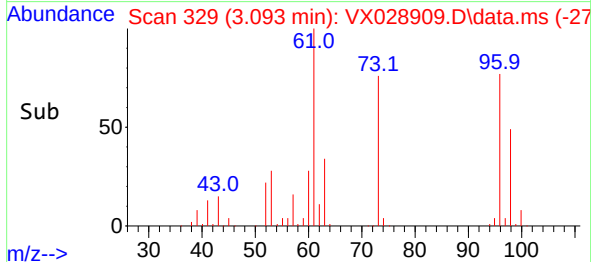
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



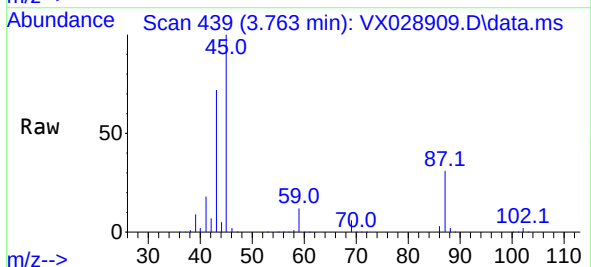
Tgt Ion: 96 Resp: 14964
Ion Ratio Lower Upper
96 100
61 130.5 105.4 158.2
98 64.5 50.0 75.0

Manual Integrations
APPROVED

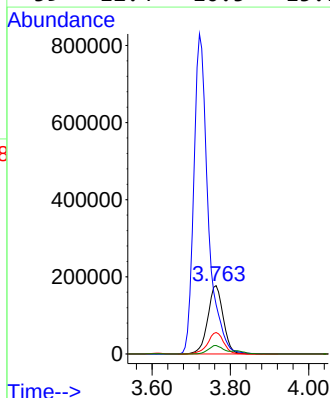
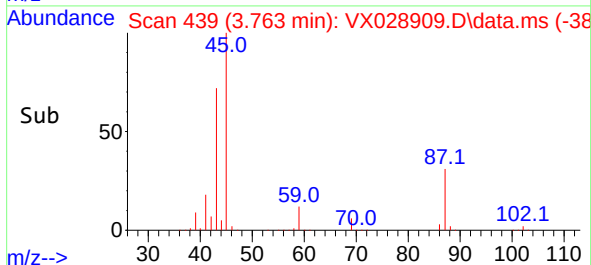
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

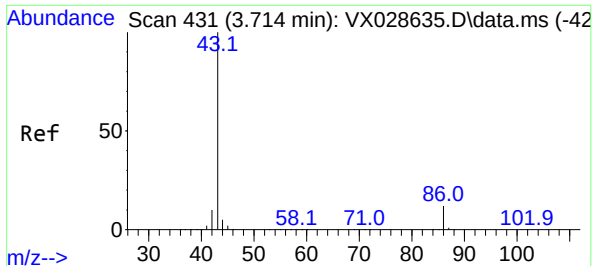


#22
Diisopropyl ether
Concen: 48.491 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03



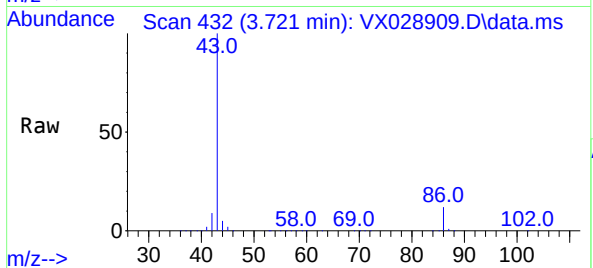
Tgt Ion: 45 Resp: 481365
Ion Ratio Lower Upper
45 100
43 72.0 50.8 76.2
87 31.5 26.6 39.8
59 12.4 10.5 15.7





#23
 Vinyl Acetate
 Concen: 246.180 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VX028909.D
 Acq: 23 May 2022 21:03

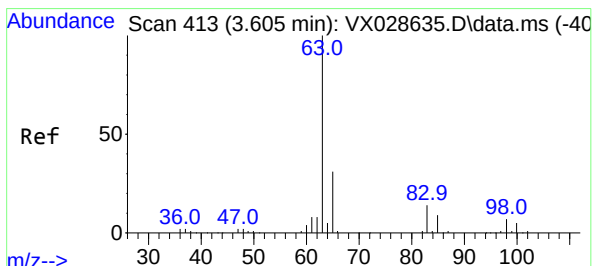
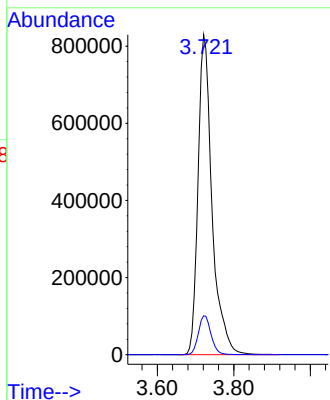
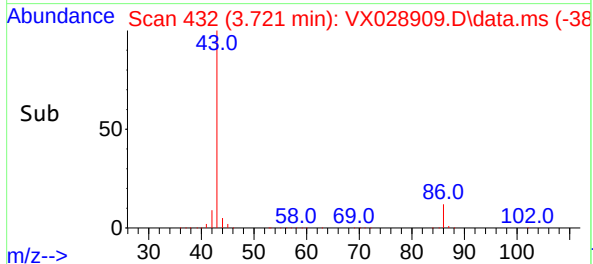
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



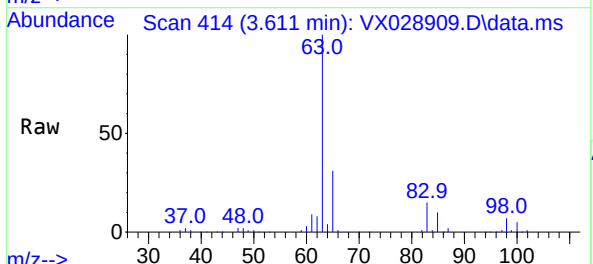
Tgt Ion: 43 Resp: 210673
 Ion Ratio Lower Upper
 43 100
 86 12.2 10.8 16.2

Manual Integrations
 APPROVED

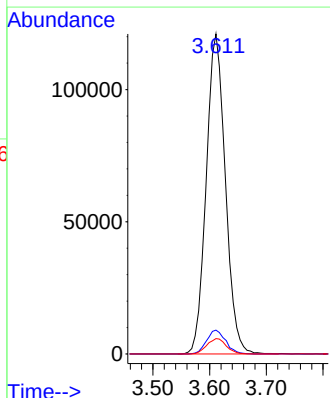
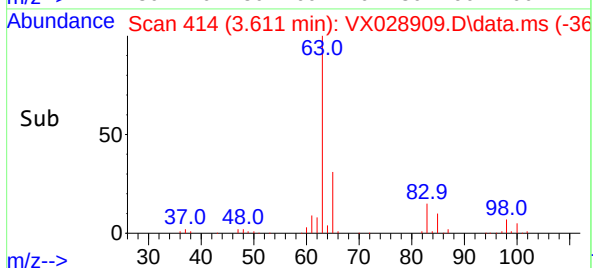
Reviewed By :John Carlone 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022

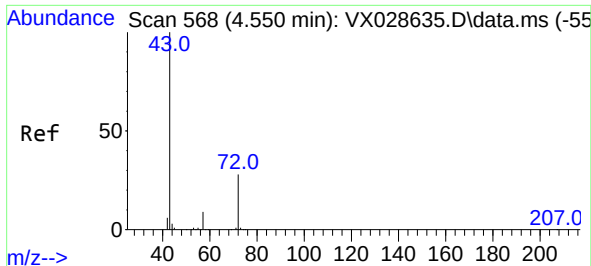


#24
 1,1-Dichloroethane
 Concen: 49.215 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX028909.D
 Acq: 23 May 2022 21:03



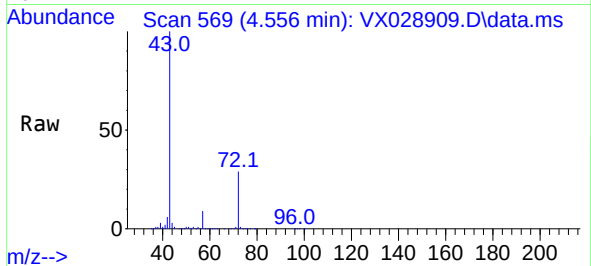
Tgt Ion: 63 Resp: 284022
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 4.8 2.4 7.2





#25
2-Butanone
Concen: 248.091 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

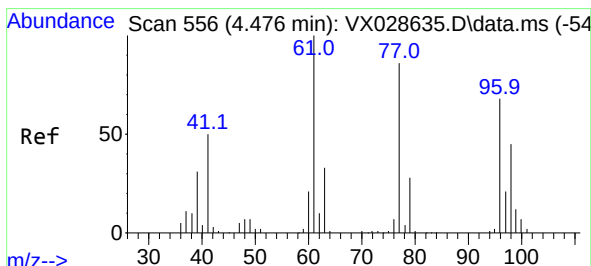
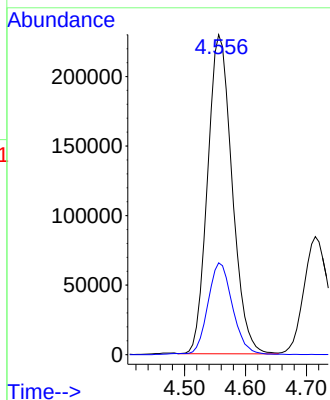
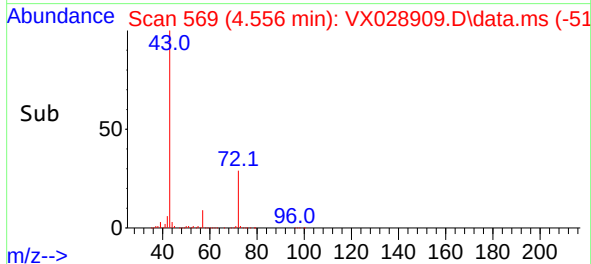
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 64112
Ion Ratio Lower Upper
43 100
72 28.7 24.4 36.6

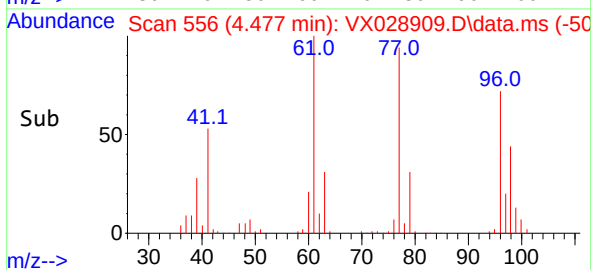
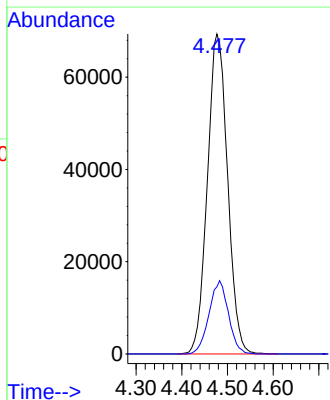
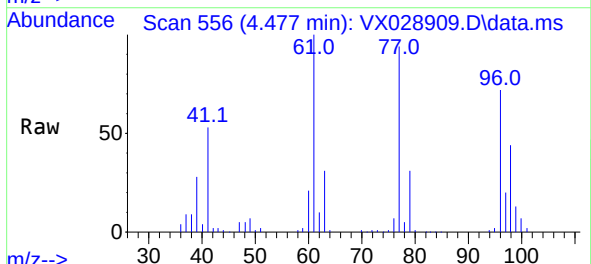
Manual Integrations
APPROVED

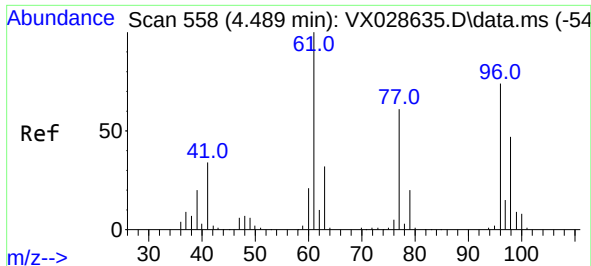
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#26
2,2-Dichloropropane
Concen: 47.112 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.001 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

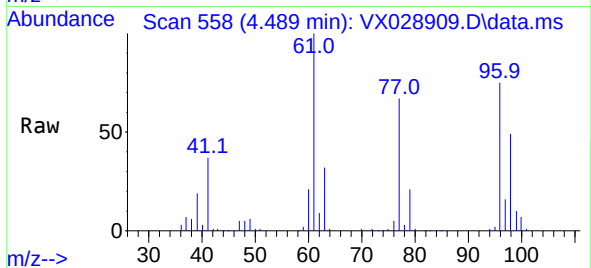
Tgt Ion: 77 Resp: 213175
Ion Ratio Lower Upper
77 100
97 22.0 11.8 35.4





#27
cis-1,2-Dichloroethene
Concen: 48.662 ug/l
RT: 4.489 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

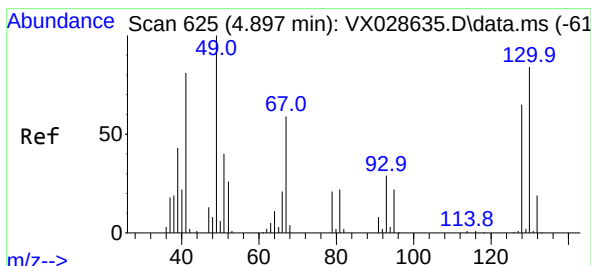
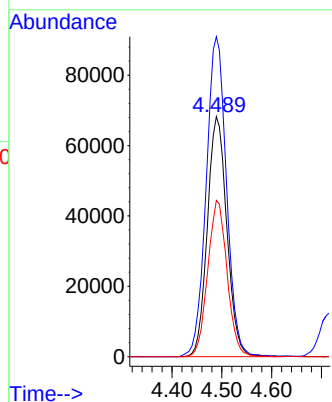
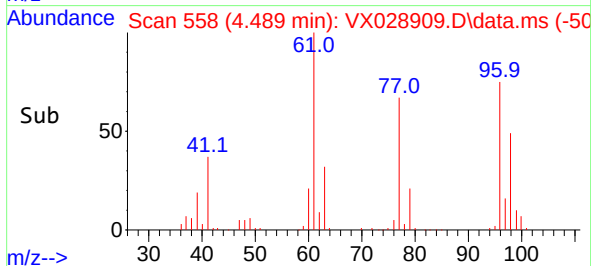
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



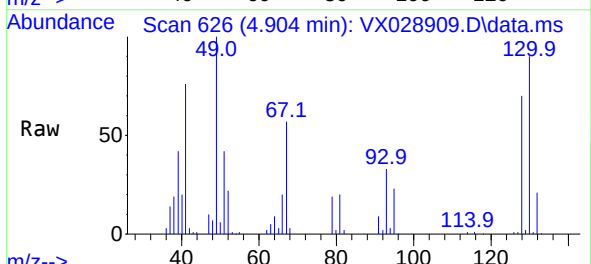
Tgt Ion: 96 Resp: 185410
Ion Ratio Lower Upper
96 100
61 138.9 0.0 283.8
98 64.7 0.0 129.8

Manual Integrations
APPROVED

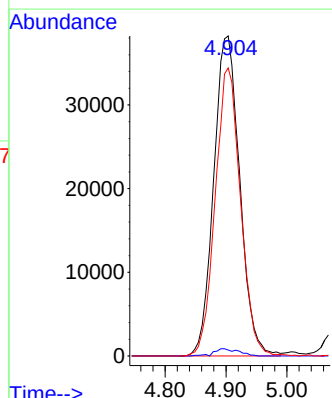
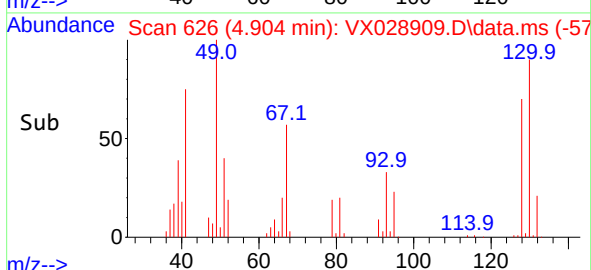
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

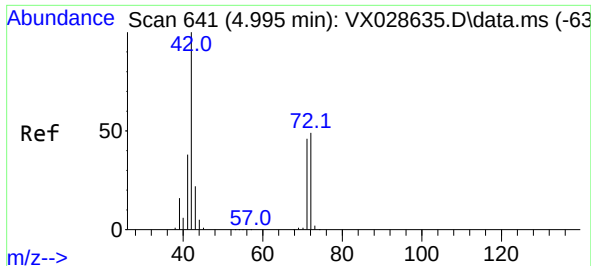


#28
Bromochloromethane
Concen: 46.758 ug/l
RT: 4.904 min Scan# 626
Delta R.T. 0.007 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03



Tgt Ion: 49 Resp: 113582
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.4
130 87.3 70.7 106.1





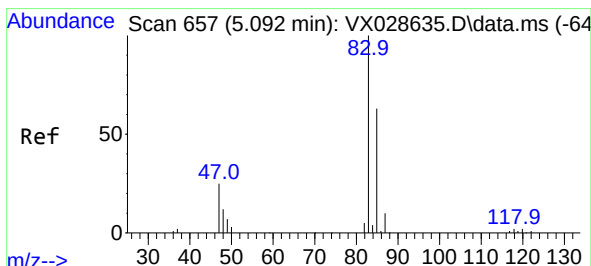
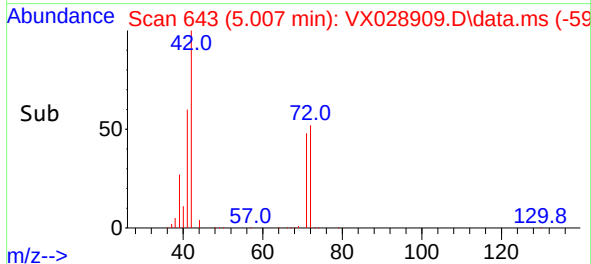
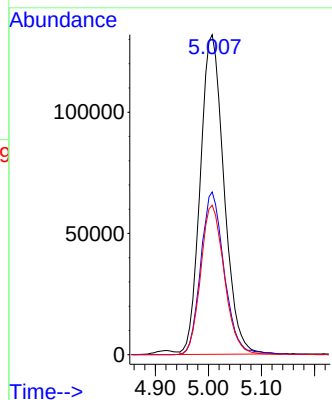
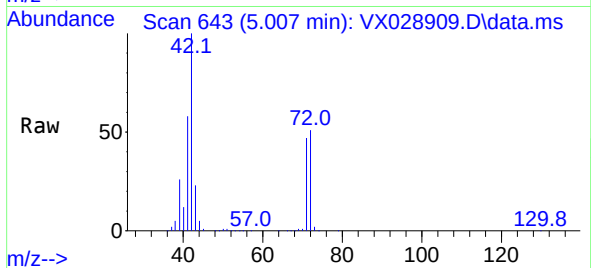
#29
Tetrahydrofuran
Concen: 243.388 ug/l
RT: 5.007 min Scan# 641
Delta R.T. 0.012 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 408830
Ion Ratio Lower Upper
42 100
72 50.7 44.1 66.1
71 46.6 40.5 60.7

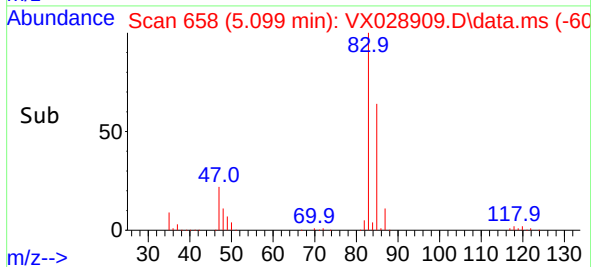
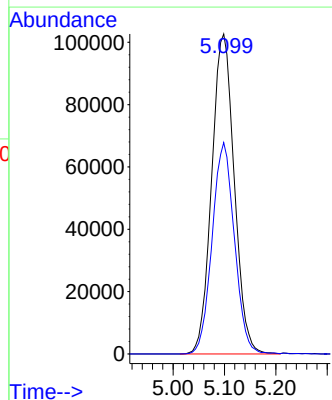
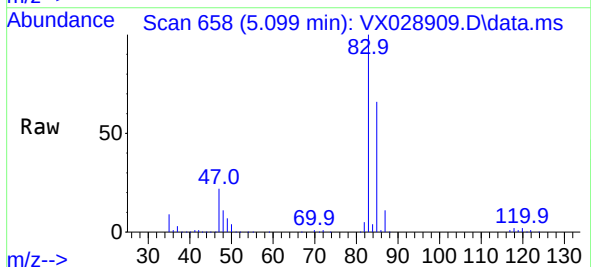
Manual Integrations
APPROVED

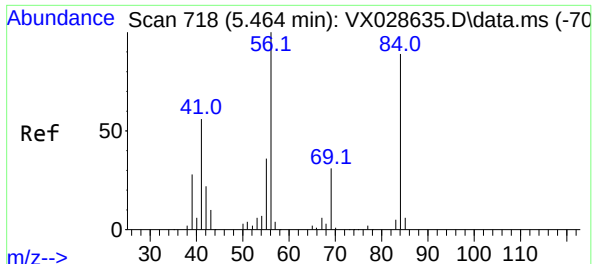
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#30
Chloroform
Concen: 50.115 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.007 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

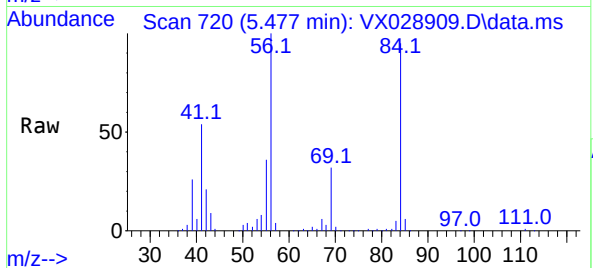
Tgt Ion: 83 Resp: 313006
Ion Ratio Lower Upper
83 100
85 66.0 52.7 79.1





#31
Cyclohexane
Concen: 44.126 ug/l
RT: 5.477 min Scan# 718
Delta R.T. 0.013 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

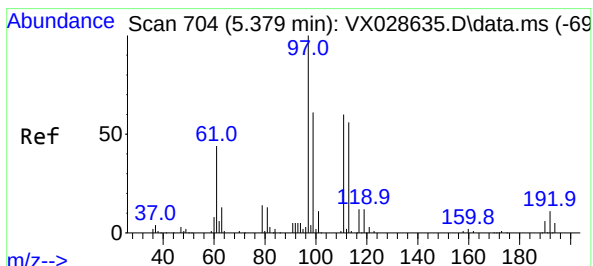
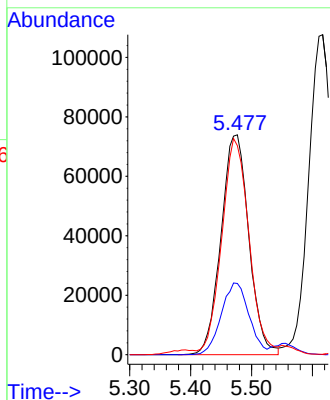
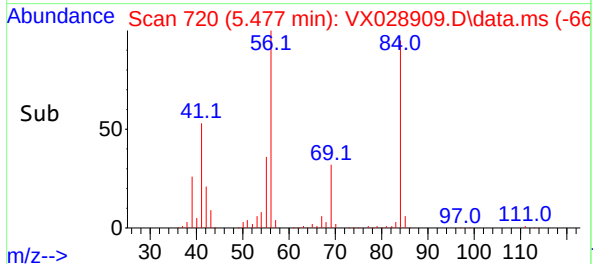
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



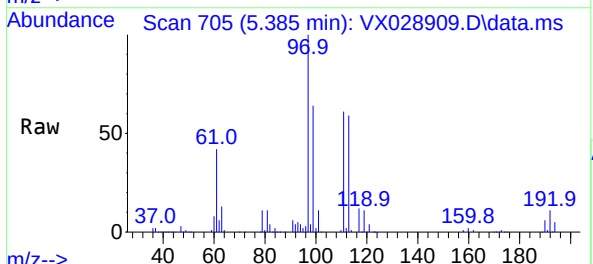
Tgt Ion: 56 Resp: 234954
Ion Ratio Lower Upper
56 100
69 32.4 26.7 40.1
84 93.4 77.2 115.8

Manual Integrations
APPROVED

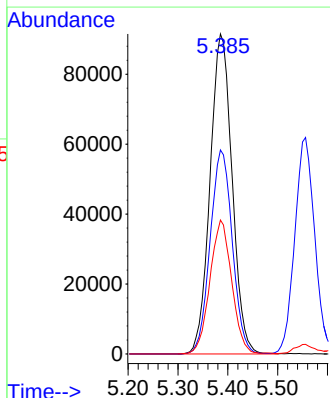
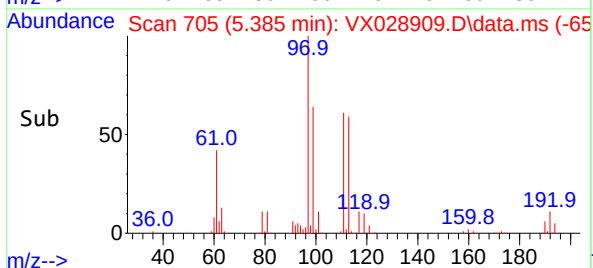
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

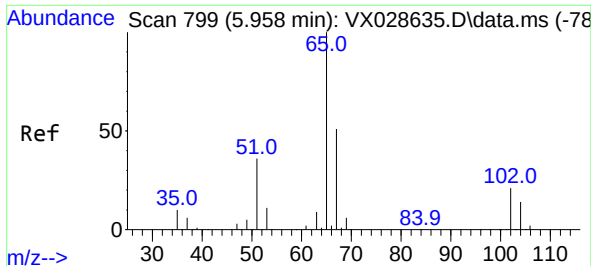


#32
1,1,1-Trichloroethane
Concen: 51.476 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03



Tgt Ion: 97 Resp: 280676
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.6
61 41.4 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 51.254 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028909.D

Acq: 23 May 2022 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 196612

Ion Ratio Lower Upper

65 100

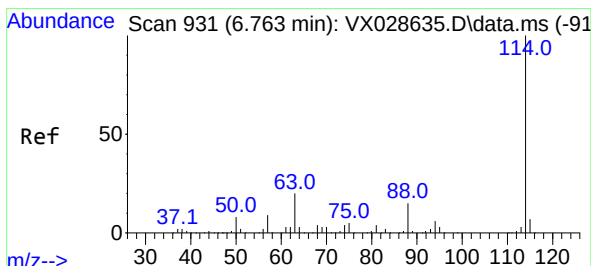
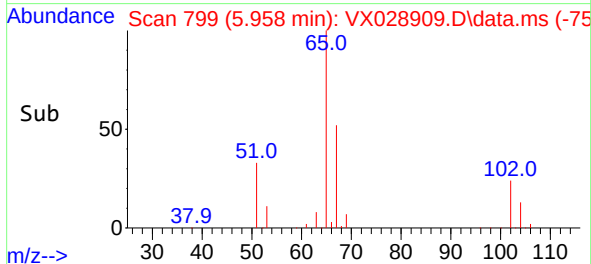
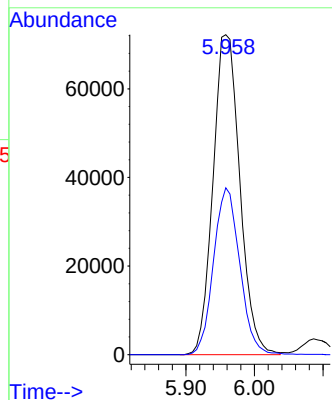
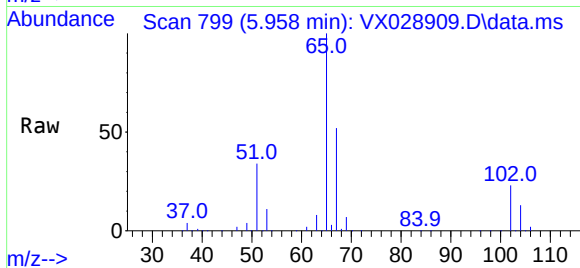
67 51.0 0.0 107.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028909.D

Acq: 23 May 2022 21:03

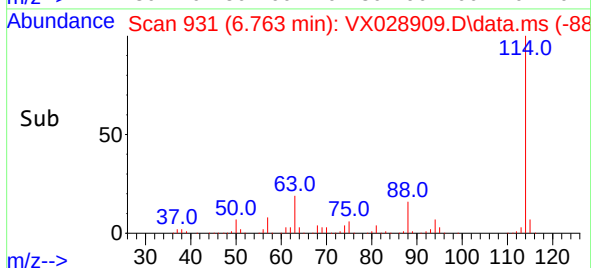
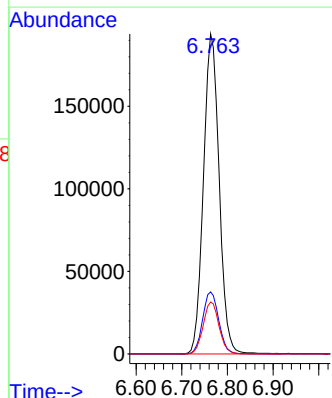
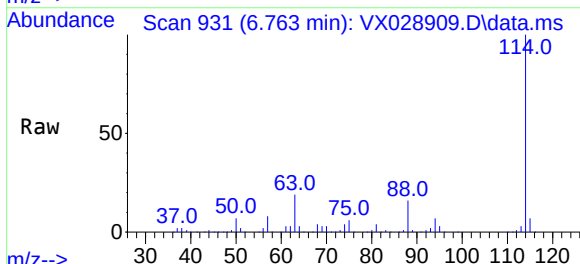
Tgt Ion:114 Resp: 461658

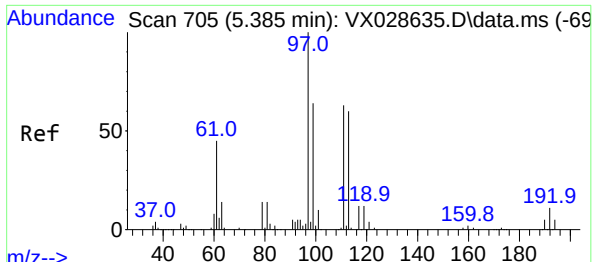
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.8

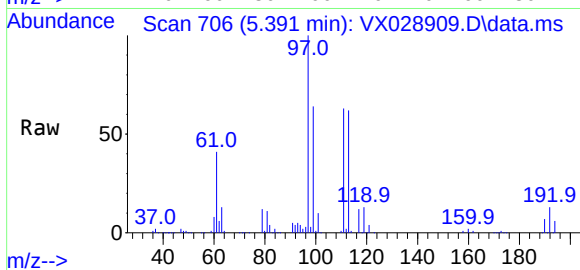
88 16.3 0.0 32.4





#35
Dibromofluoromethane
Concen: 52.533 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

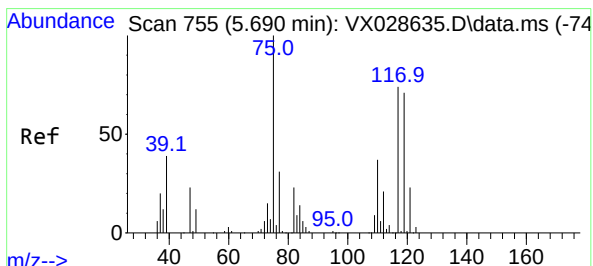
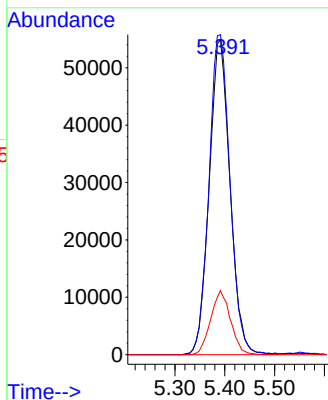
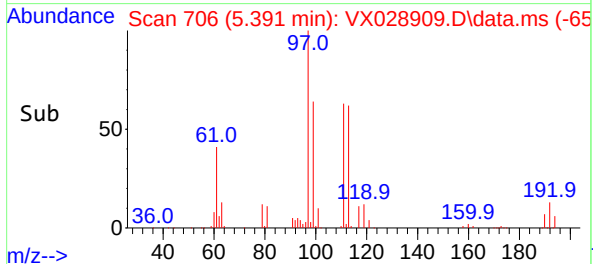
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



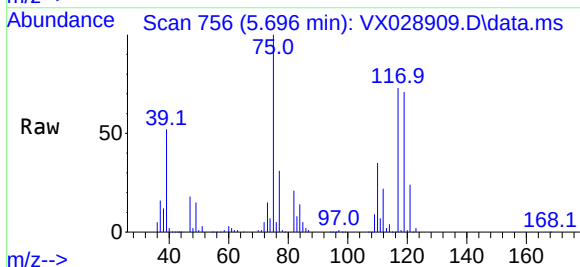
Tgt Ion:113 Resp: 158897
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 19.4 16.9 25.3

Manual Integrations
APPROVED

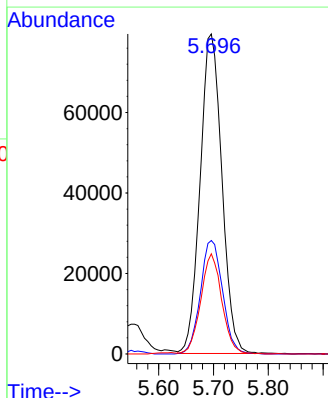
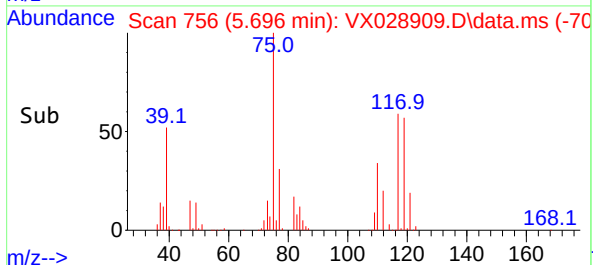
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

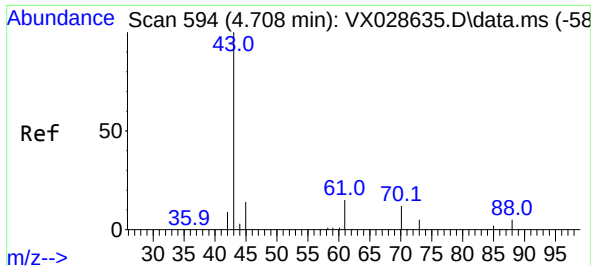


#36
1,1-Dichloropropene
Concen: 48.196 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03



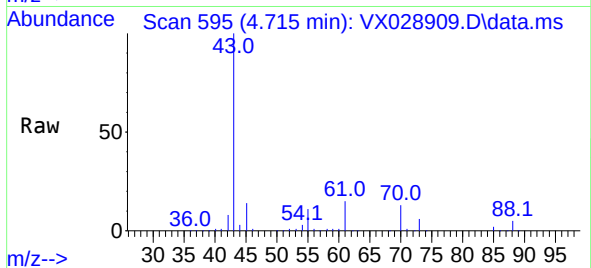
Tgt Ion: 75 Resp: 218956
Ion Ratio Lower Upper
75 100
110 36.1 18.3 54.8
77 30.3 24.8 37.2





#37
Ethyl Acetate
Concen: 51.572 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.007 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

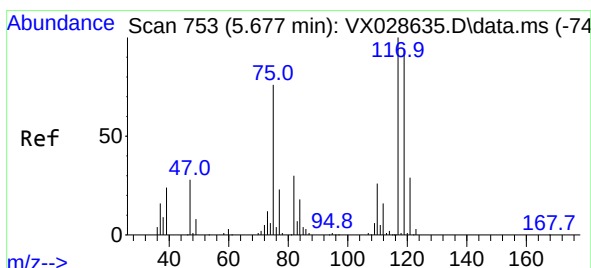
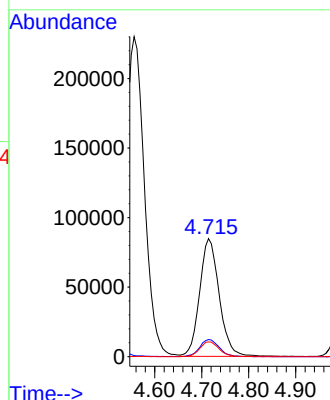
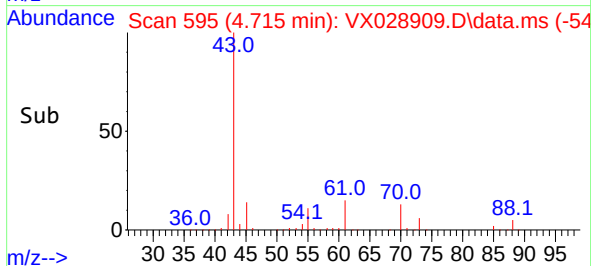
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 244718
Ion Ratio Lower Upper
43 100
61 14.6 12.6 19.0
70 12.5 10.2 15.2

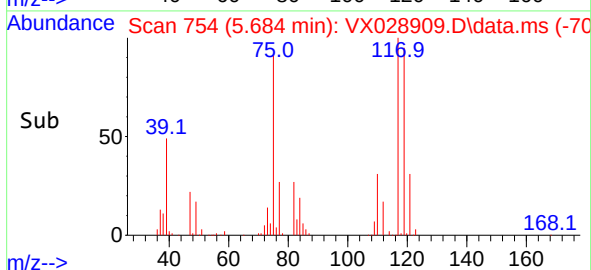
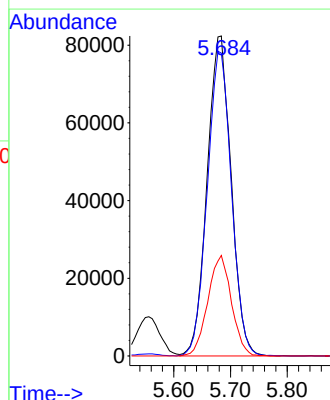
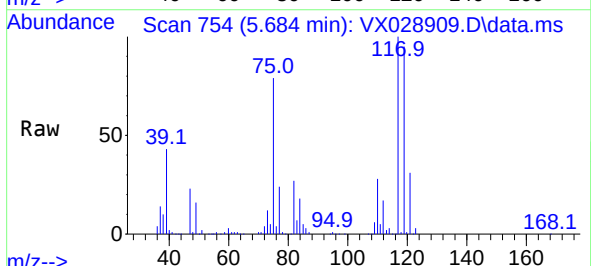
Manual Integrations
APPROVED

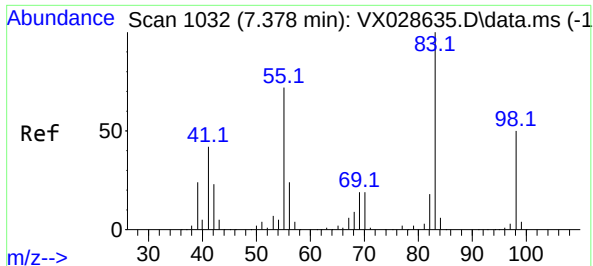
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#38
Carbon Tetrachloride
Concen: 52.908 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.007 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

Tgt Ion:117 Resp: 241898
Ion Ratio Lower Upper
117 100
119 94.5 77.3 115.9
121 31.4 24.2 36.2





#39

Methylcyclohexane

Concen: 47.290 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.007 min

Lab File: VX028909.D

Acq: 23 May 2022 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 24638

Ion Ratio Lower Upper

83 100

55 72.1 54.6 81.8

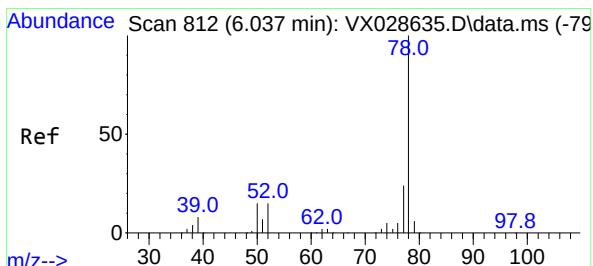
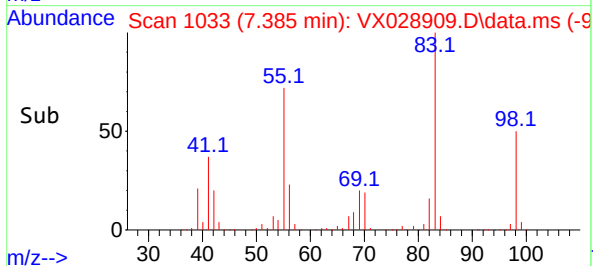
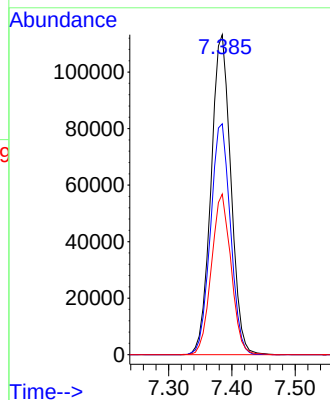
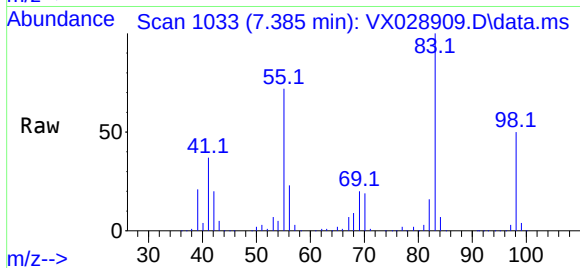
98 50.2 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#40

Benzene

Concen: 48.595 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.007 min

Lab File: VX028909.D

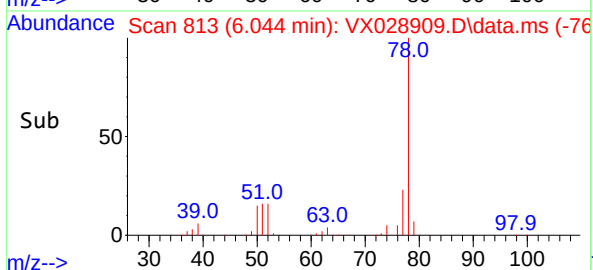
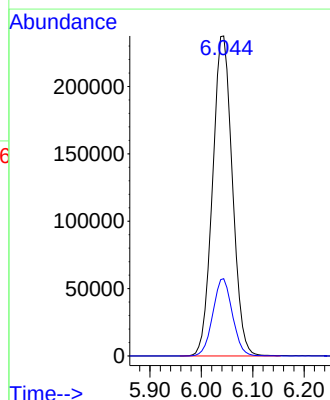
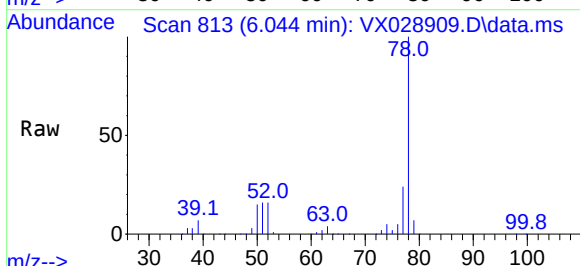
Acq: 23 May 2022 21:03

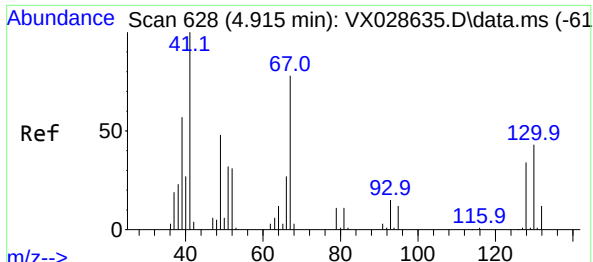
Tgt Ion: 78 Resp: 634496

Ion Ratio Lower Upper

78 100

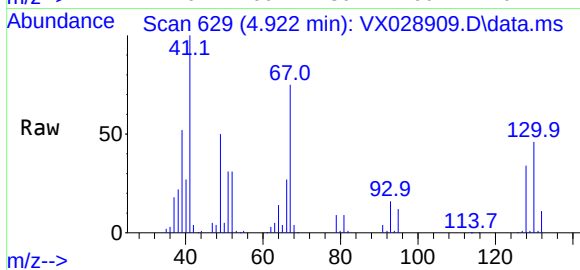
77 24.2 19.3 28.9





#41
Methacrylonitrile
Concen: 53.109 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

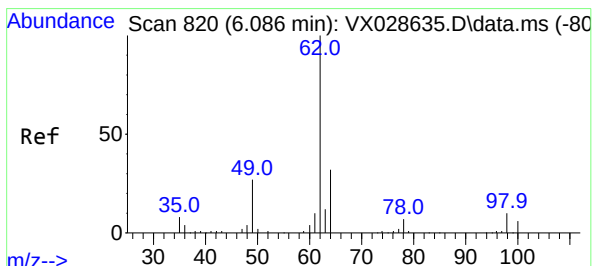
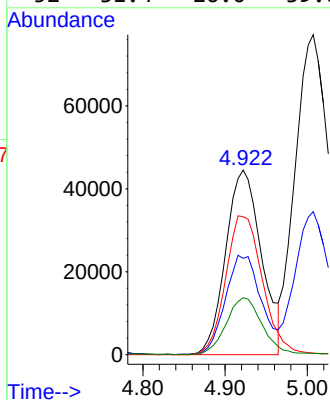
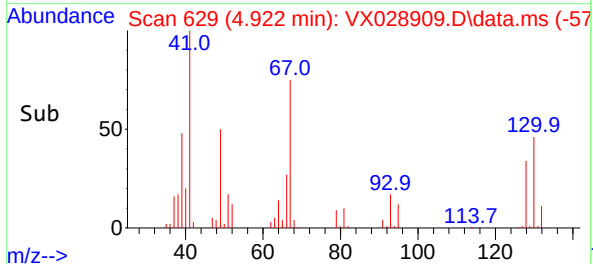
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 13512
Ion Ratio Lower Upper
41 100
39 54.3 43.0 64.4
67 77.5 70.2 105.4
52 31.4 26.0 39.0

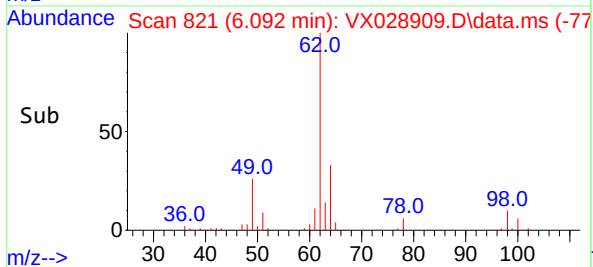
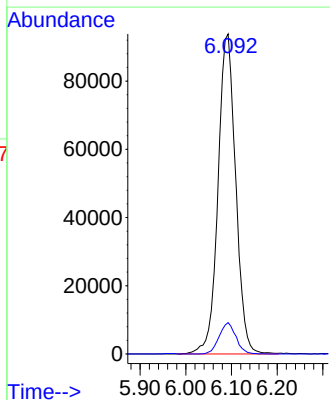
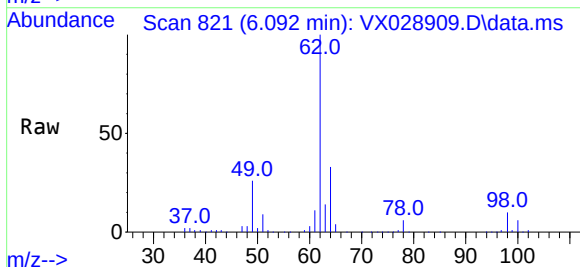
Manual Integrations
APPROVED

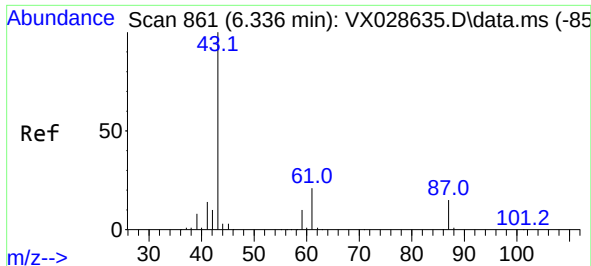
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#42
1,2-Dichloroethane
Concen: 52.400 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

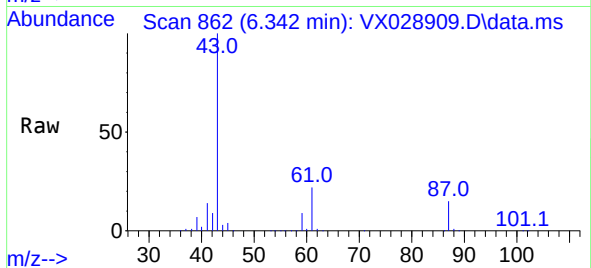
Tgt Ion: 62 Resp: 252361
Ion Ratio Lower Upper
62 100
98 9.3 0.0 20.4





#43
Isopropyl Acetate
Concen: 51.087 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

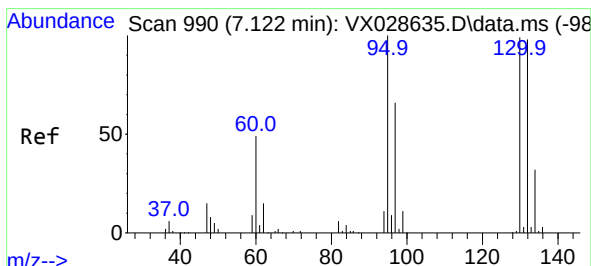
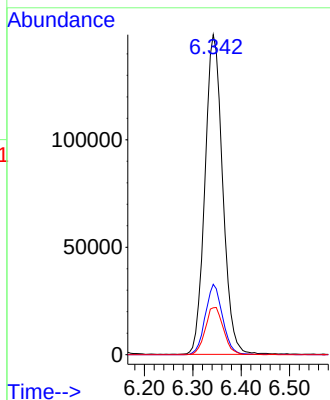
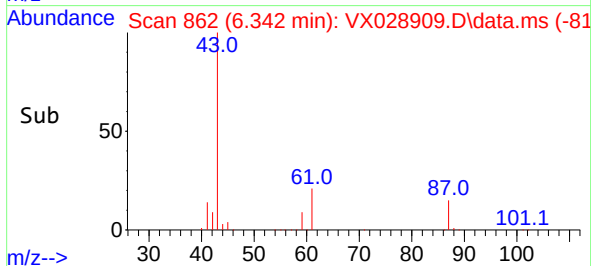
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 379248
Ion Ratio Lower Upper
43 100
61 21.5 18.5 27.7
87 15.2 13.0 19.6

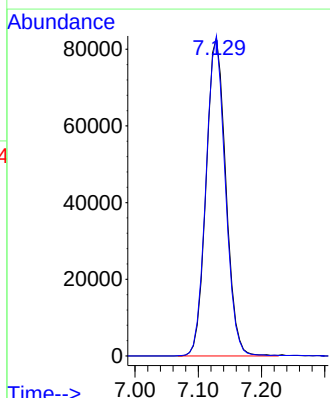
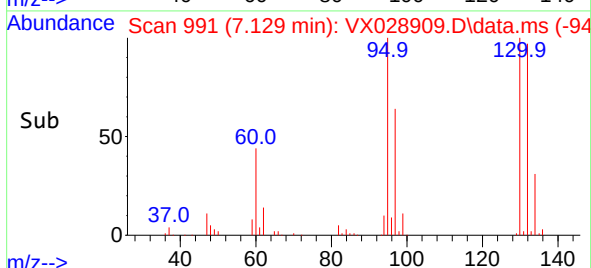
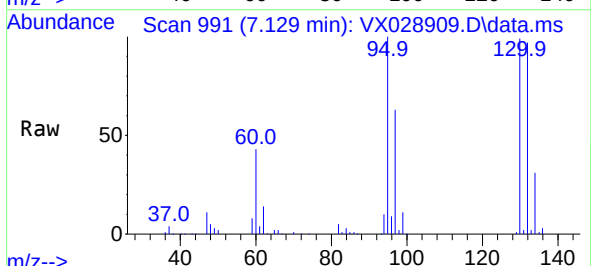
Manual Integrations
APPROVED

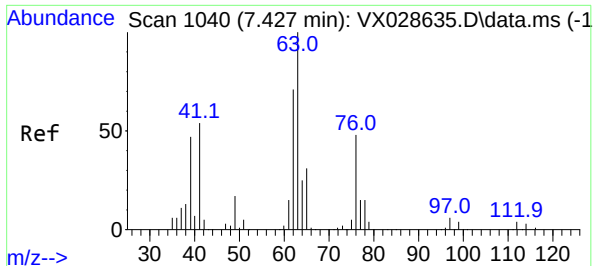
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#44
Trichloroethene
Concen: 50.829 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

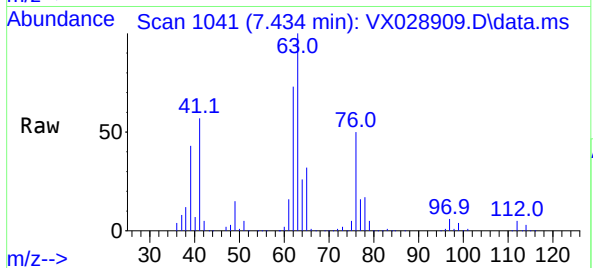
Tgt Ion:130 Resp: 179990
Ion Ratio Lower Upper
130 100
95 100.5 0.0 188.8





#45
1,2-Dichloropropane
Concen: 50.320 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.007 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

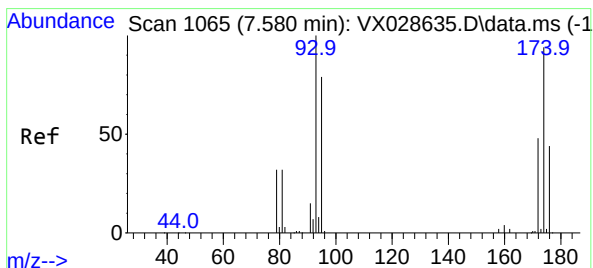
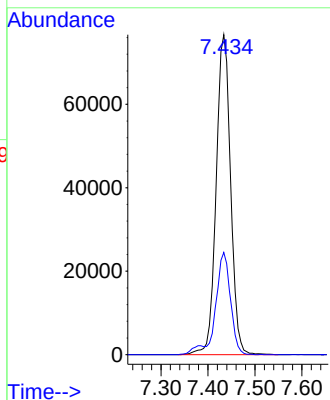
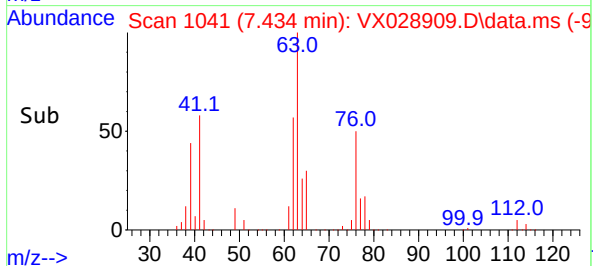
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



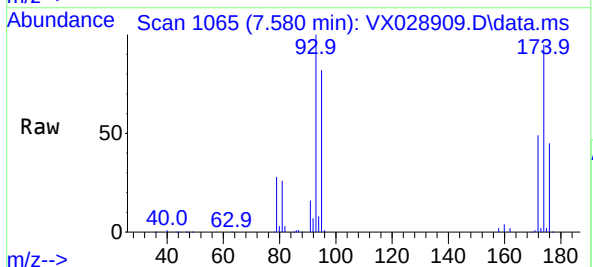
Tgt Ion: 63 Resp: 16392
Ion Ratio Lower Upper
63 100
65 32.0 25.8 38.6

Manual Integrations
APPROVED

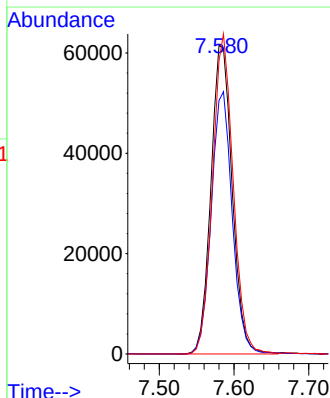
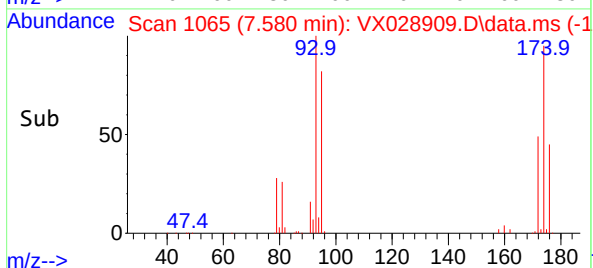
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

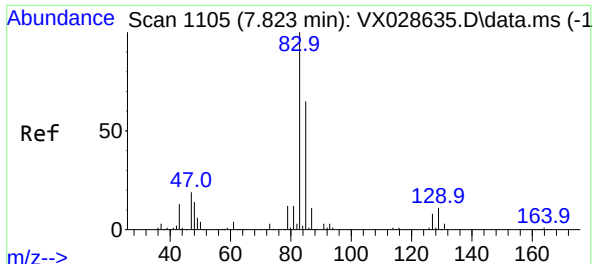


#46
Dibromomethane
Concen: 50.158 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03



Tgt Ion: 93 Resp: 122022
Ion Ratio Lower Upper
93 100
95 83.9 65.8 98.6
174 100.1 85.4 128.2





#47
Bromodichloromethane
Concen: 53.800 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

Instrument :

MSVOA_X

ClientSampleId :

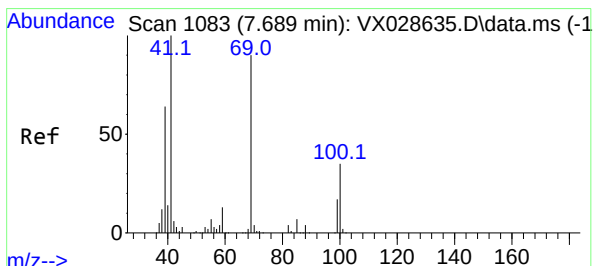
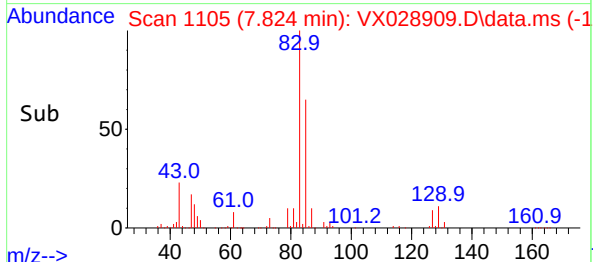
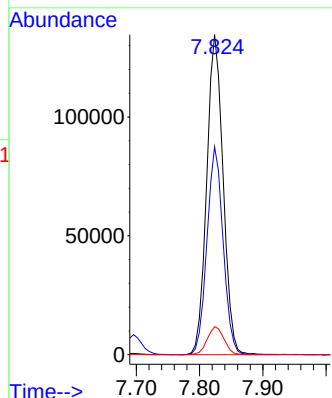
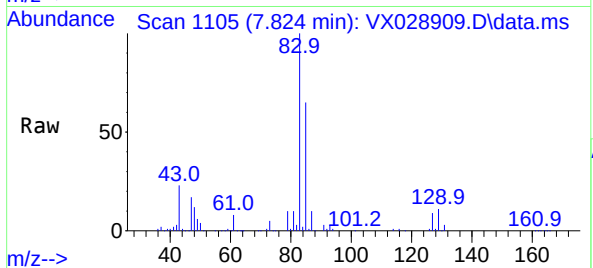
VSTDCCC050EC

Tgt Ion: 83 Resp: 24299
Ion Ratio Lower Upper
83 100
85 65.0 52.2 78.2
127 8.8 6.8 10.2

Manual Integrations

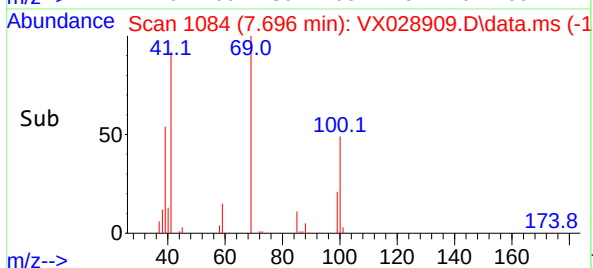
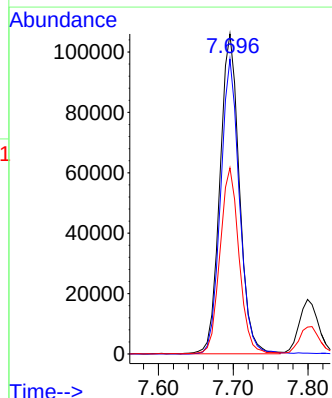
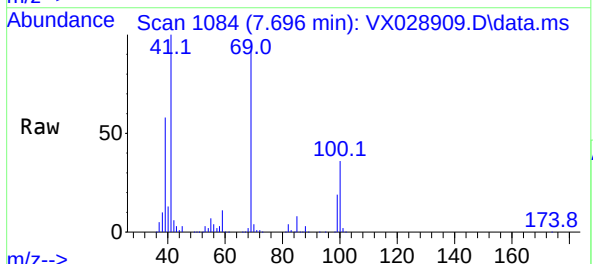
APPROVED

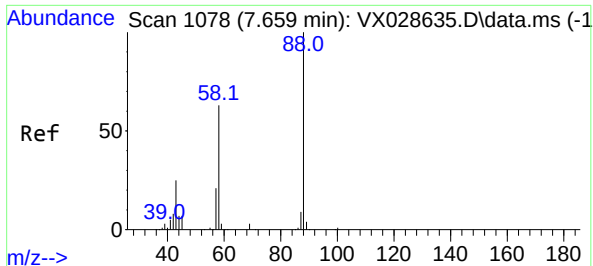
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#48
Methyl methacrylate
Concen: 53.418 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.007 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

Tgt Ion: 41 Resp: 191561
Ion Ratio Lower Upper
41 100
69 89.6 82.5 123.7
39 57.1 43.8 65.8





#49

1,4-Dioxane

Concen: 1062.910 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX028909.D

Acq: 23 May 2022 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 95224

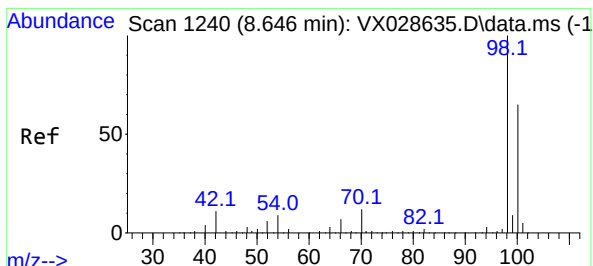
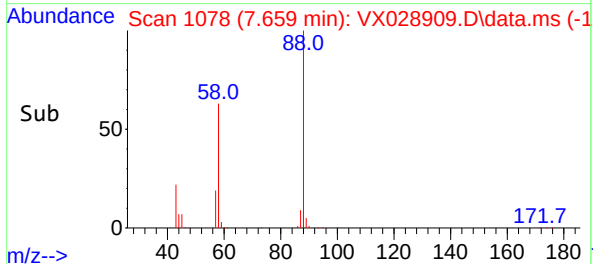
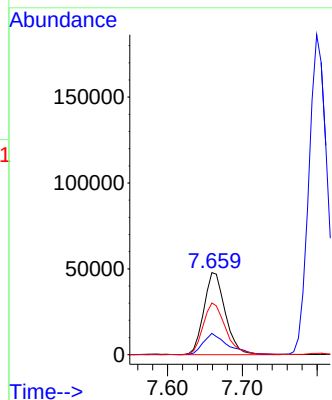
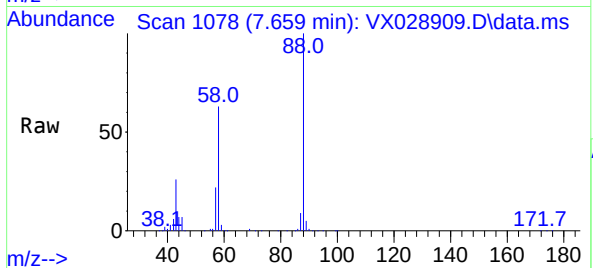
Ion	Ratio	Lower	Upper
88	100		
43	30.0	21.9	32.9
58	66.2	53.7	80.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#50

Toluene-d8

Concen: 49.968 ug/l

RT: 8.653 min Scan# 1241

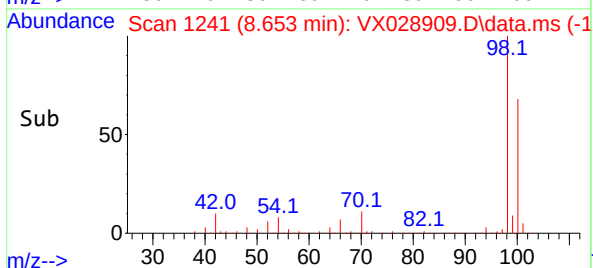
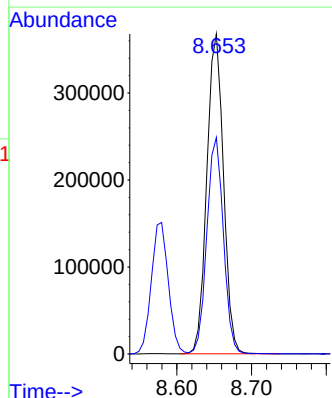
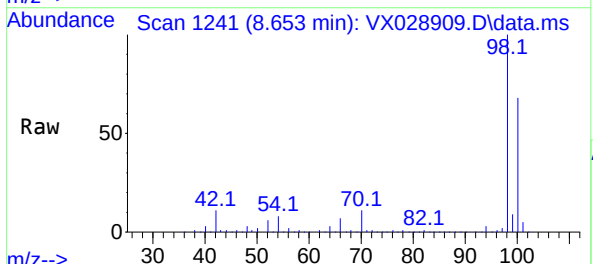
Delta R.T. 0.007 min

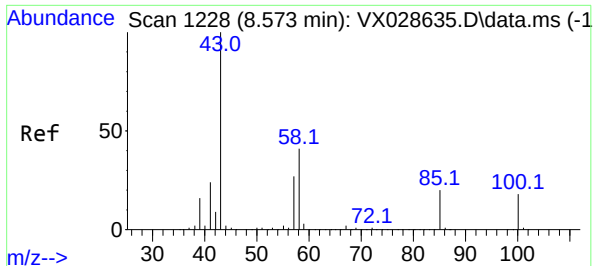
Lab File: VX028909.D

Acq: 23 May 2022 21:03

Tgt Ion: 98 Resp: 569821

Ion	Ratio	Lower	Upper
98	100		
100	67.2	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 256.037 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.001 min

Lab File: VX028909.D

Acq: 23 May 2022 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 125197

Ion Ratio Lower Upper

43 100

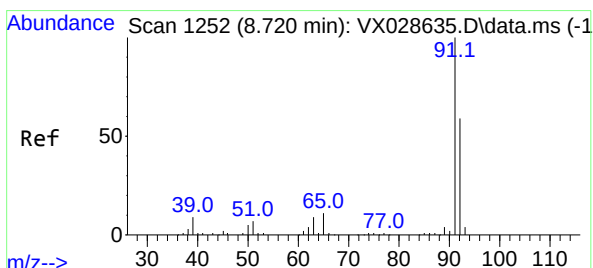
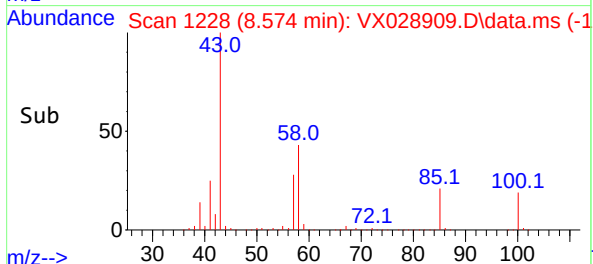
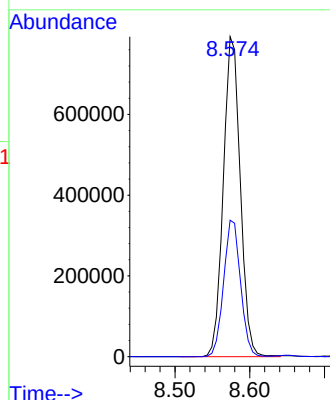
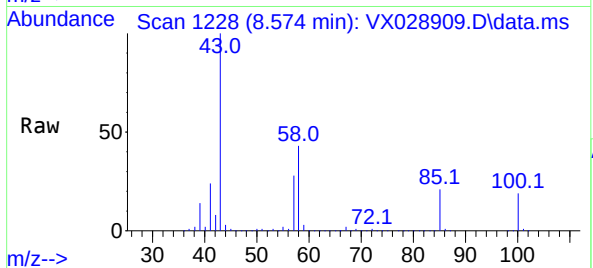
58 42.6 36.1 54.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#52

Toluene

Concen: 50.110 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX028909.D

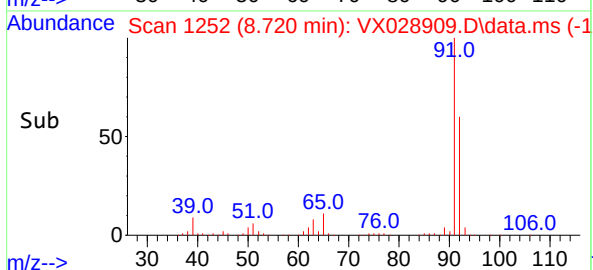
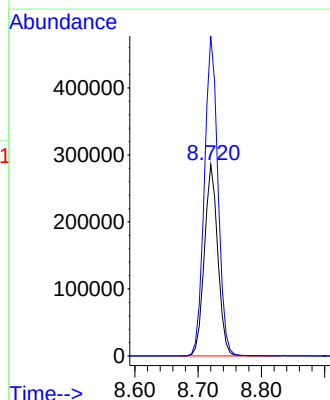
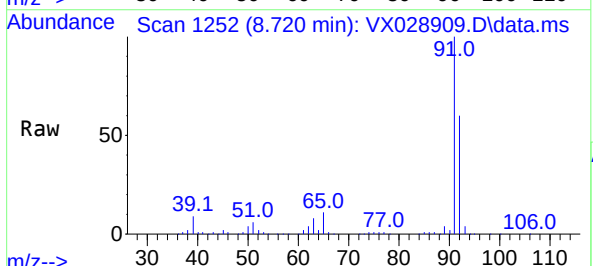
Acq: 23 May 2022 21:03

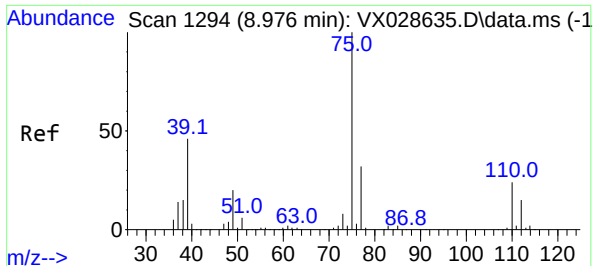
Tgt Ion: 92 Resp: 420874

Ion Ratio Lower Upper

92 100

91 169.6 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 48.629 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX028909.D

Acq: 23 May 2022 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 25258

Ion Ratio Lower Upper

75 100

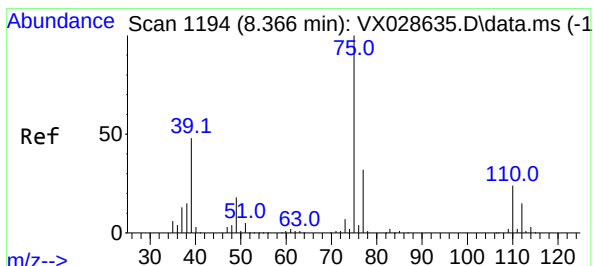
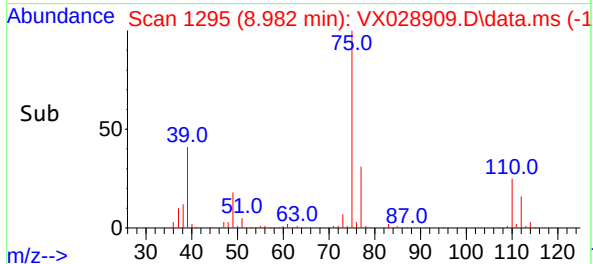
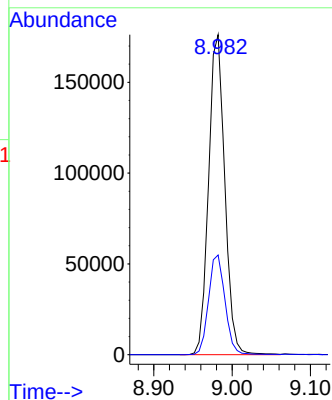
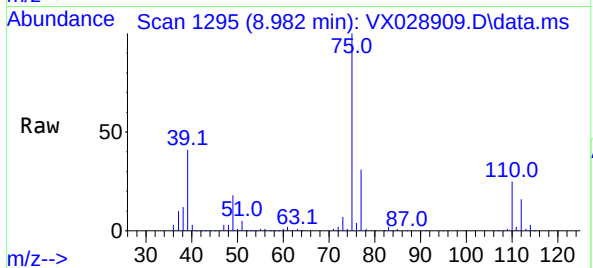
77 31.2 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#54

cis-1,3-Dichloropropene

Concen: 53.003 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028909.D

Acq: 23 May 2022 21:03

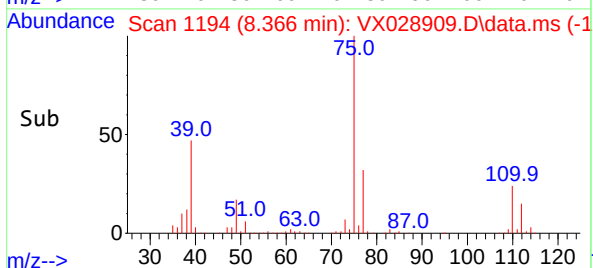
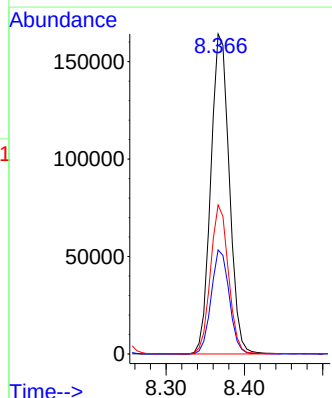
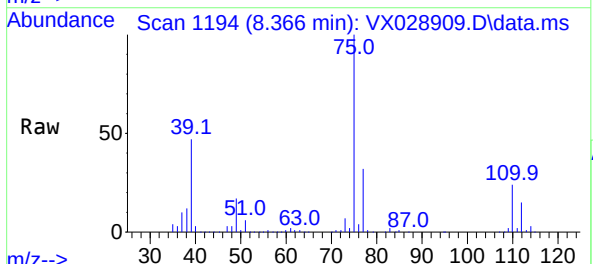
Tgt Ion: 75 Resp: 269369

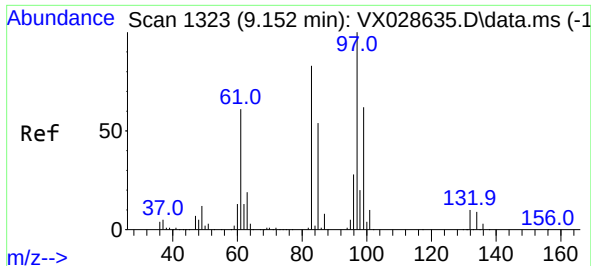
Ion Ratio Lower Upper

75 100

77 32.5 24.8 37.2

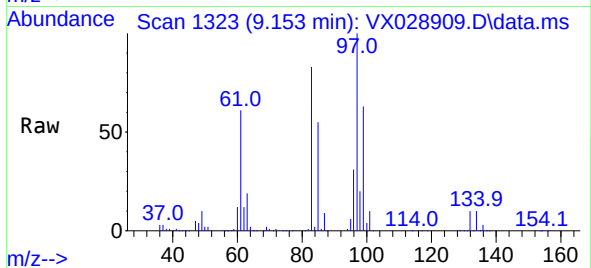
39 46.5 29.6 44.4#





#55
1,1,2-Trichloroethane
Concen: 52.269 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

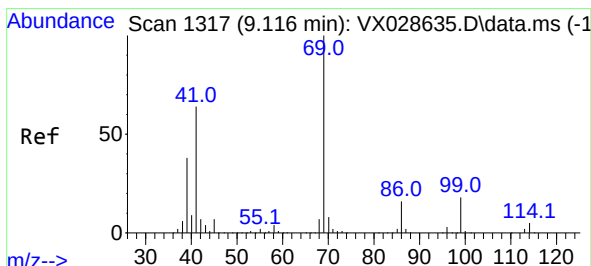
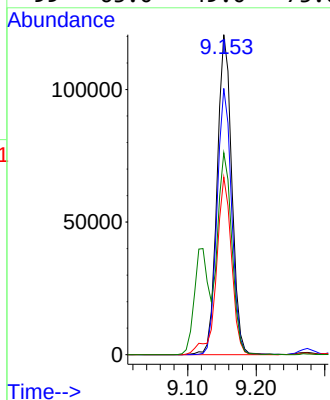
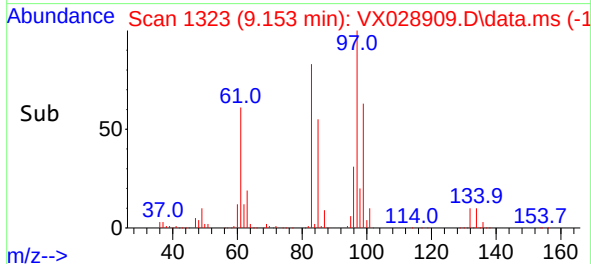


Tgt Ion: 97 Resp: 179015

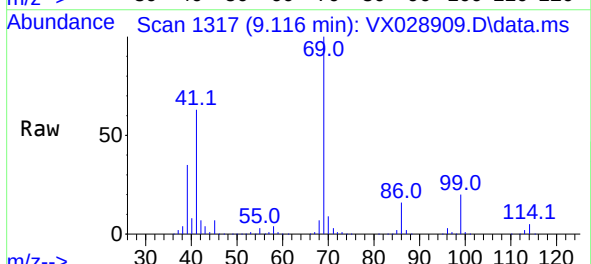
Ion	Ratio	Lower	Upper
97	100		
83	83.2	66.2	99.4
85	55.5	42.9	64.3
99	63.0	49.0	73.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

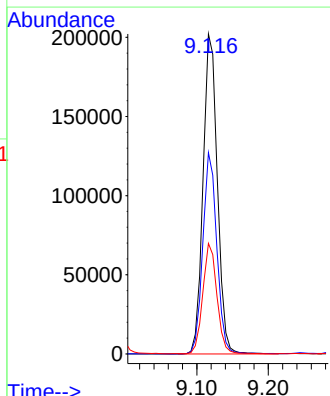
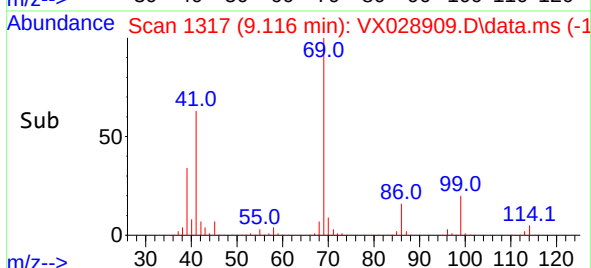


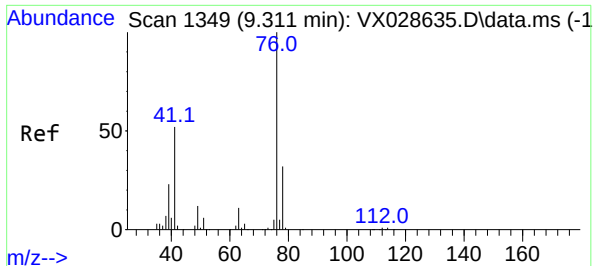
#56
Ethyl methacrylate
Concen: 54.229 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03



Tgt Ion: 69 Resp: 281256

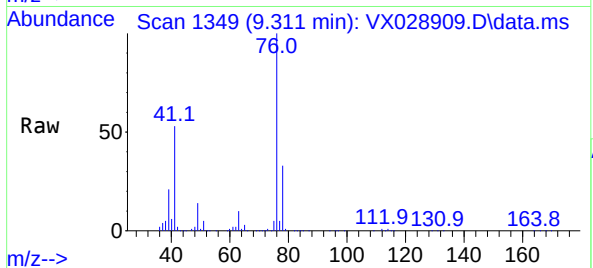
Ion	Ratio	Lower	Upper
69	100		
41	62.0	43.8	65.6
39	34.0	22.2	33.2





#57
1,3-Dichloropropane
Concen: 51.890 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

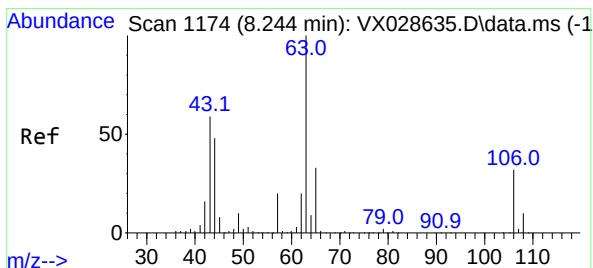
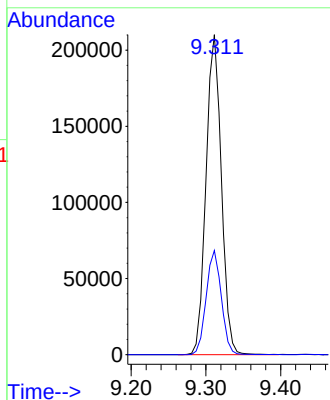
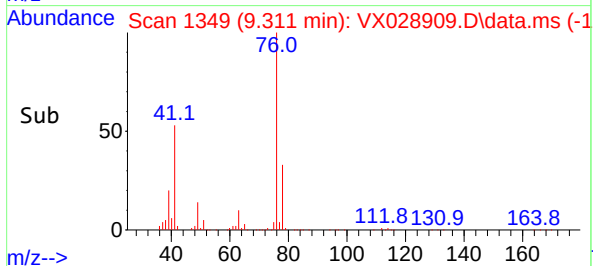
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



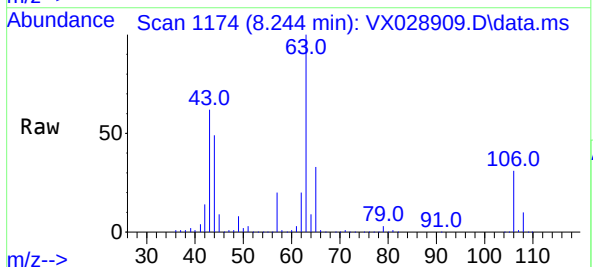
Tgt Ion: 76 Resp: 299750
Ion Ratio Lower Upper
76 100
78 32.2 25.8 38.8

Manual Integrations
APPROVED

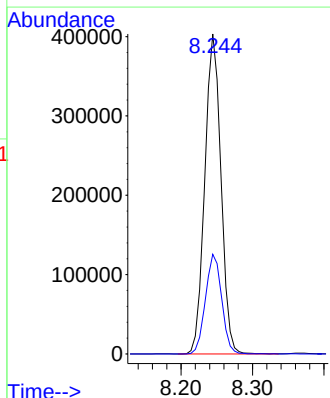
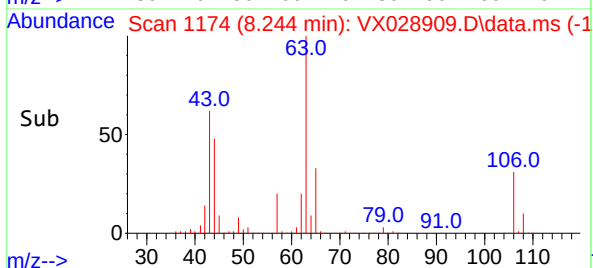
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

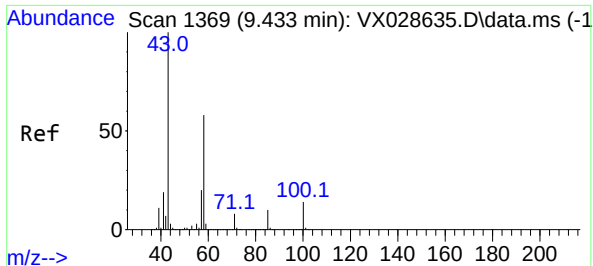


#58
2-Chloroethyl Vinyl ether
Concen: 249.371 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03



Tgt Ion: 63 Resp: 633207
Ion Ratio Lower Upper
63 100
106 31.3 23.9 35.9





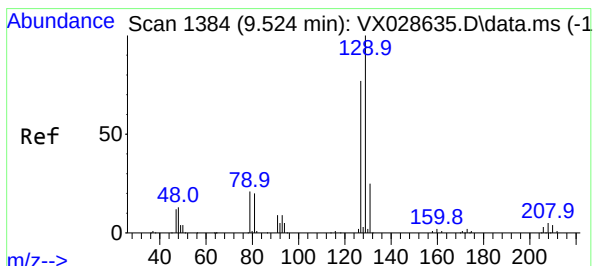
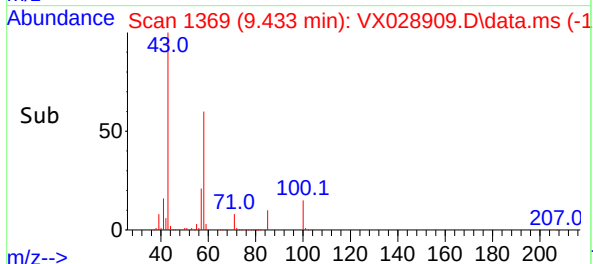
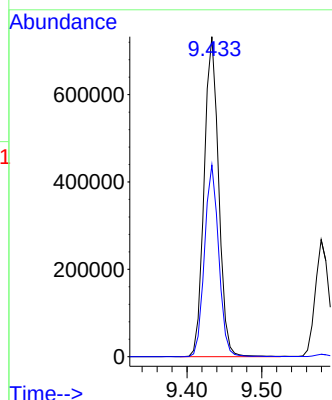
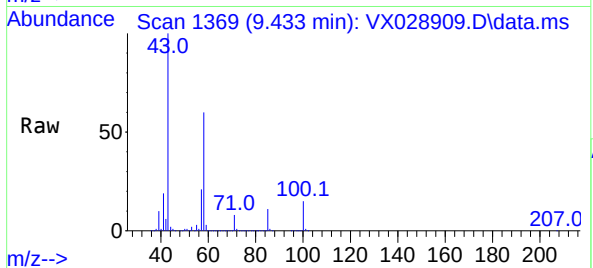
#59
2-Hexanone
Concen: 259.250 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 98490
Ion Ratio Lower Upper
43 100
58 58.7 31.9 95.7

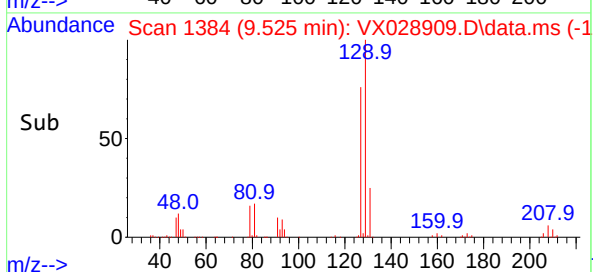
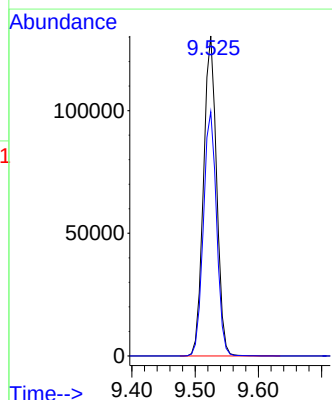
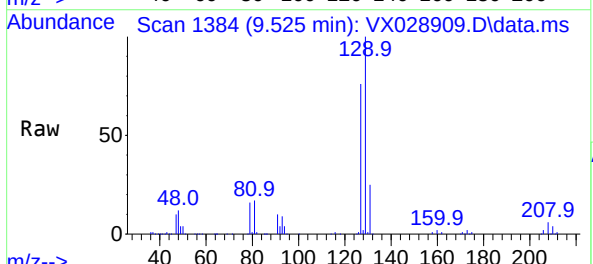
Manual Integrations
APPROVED

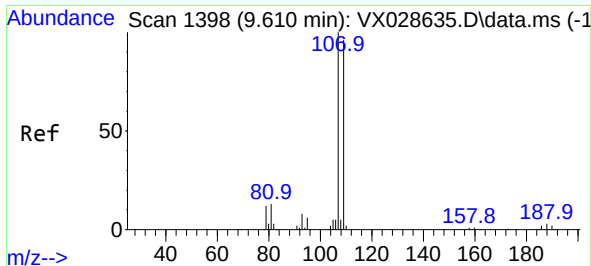
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#60
Dibromochloromethane
Concen: 56.344 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.001 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

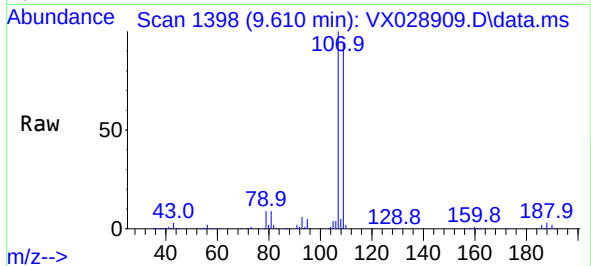
Tgt Ion:129 Resp: 188198
Ion Ratio Lower Upper
129 100
127 76.8 40.3 120.8





#61
1,2-Dibromoethane
Concen: 52.576 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

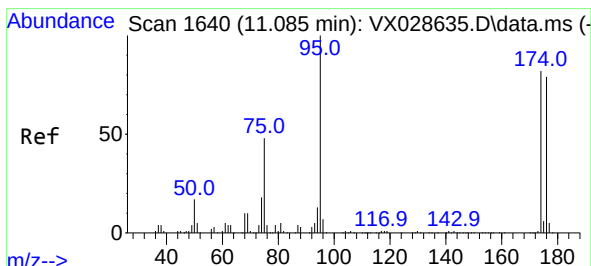
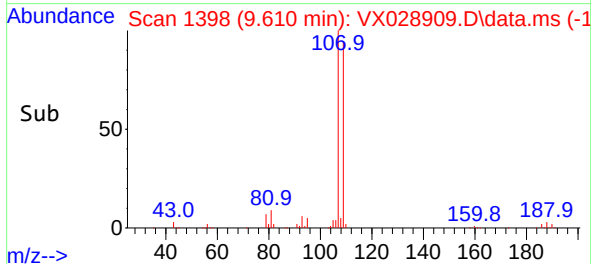
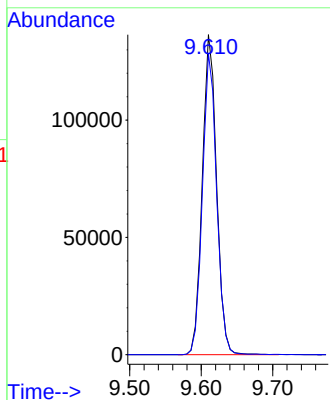
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 189120
Ion Ratio Lower Upper
107 100
109 93.9 74.4 111.6

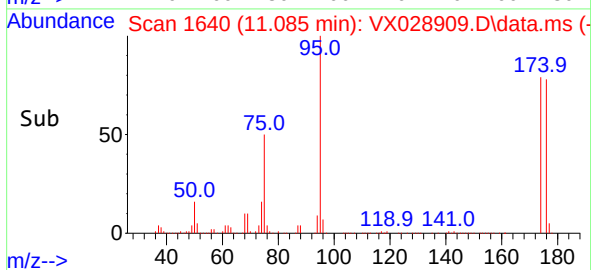
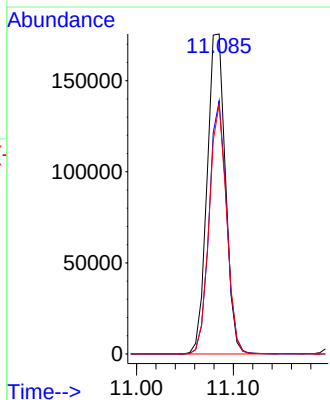
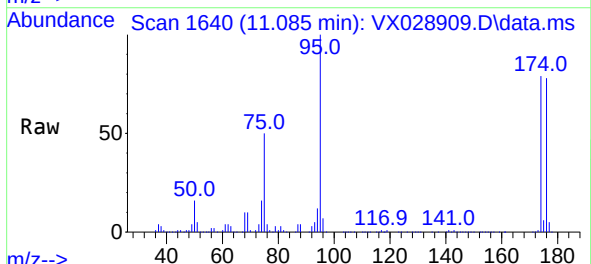
Manual Integrations
APPROVED

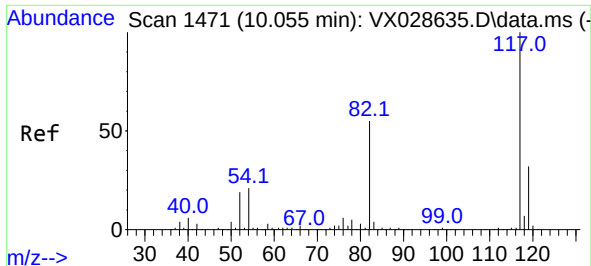
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#62
4-Bromofluorobenzene
Concen: 54.420 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

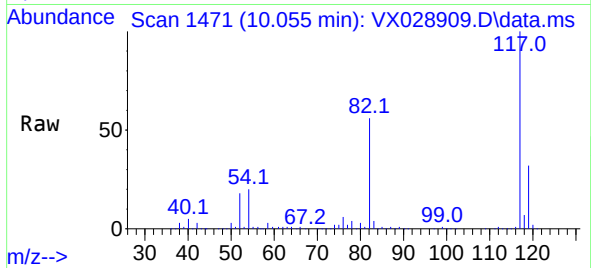
Tgt Ion: 95 Resp: 231795
Ion Ratio Lower Upper
95 100
174 75.0 0.0 163.0
176 74.2 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

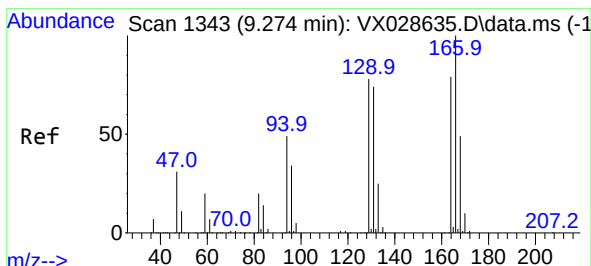
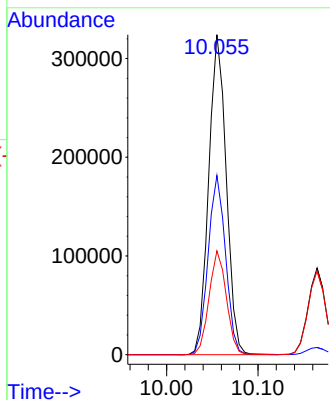
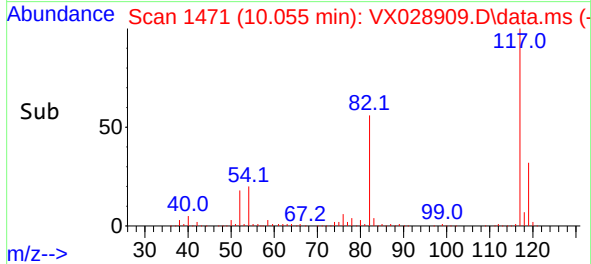
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 430780
Ion Ratio Lower Upper
117 100
82 56.0 41.8 62.8
119 32.5 24.8 37.2

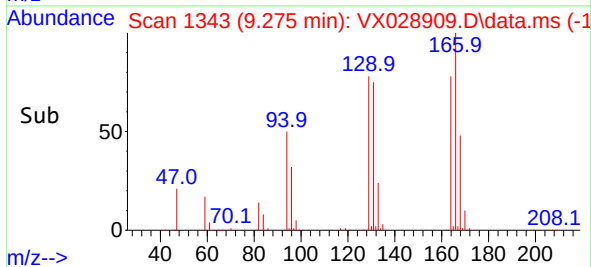
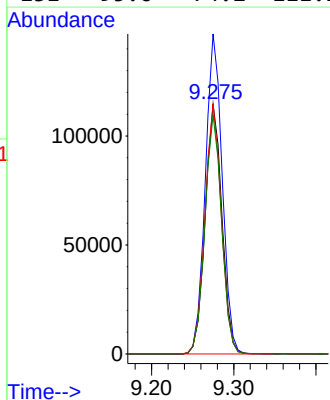
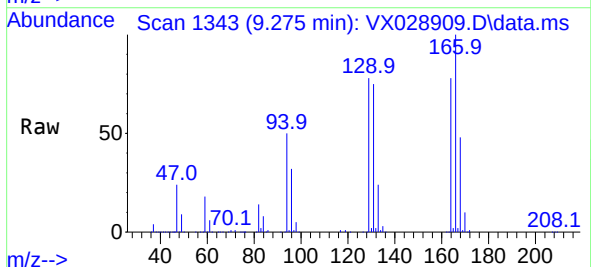
Manual Integrations
APPROVED

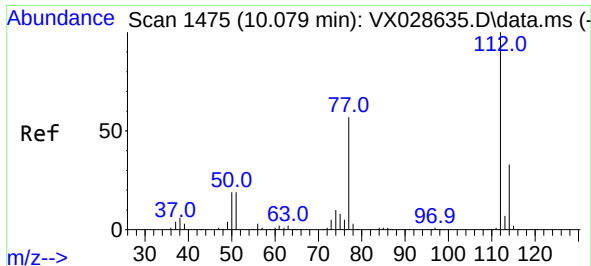
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#64
Tetrachloroethene
Concen: 49.980 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

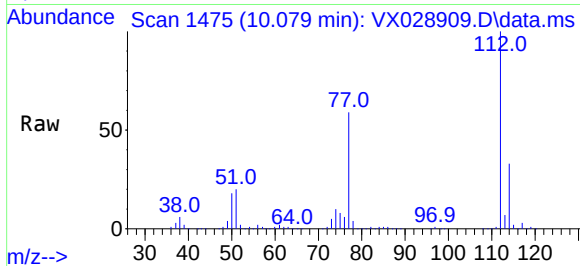
Tgt Ion:164 Resp: 162589
Ion Ratio Lower Upper
164 100
166 128.1 101.2 151.8
129 100.1 73.0 109.4
131 95.6 74.2 111.2





#65
Chlorobenzene
Concen: 51.191 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

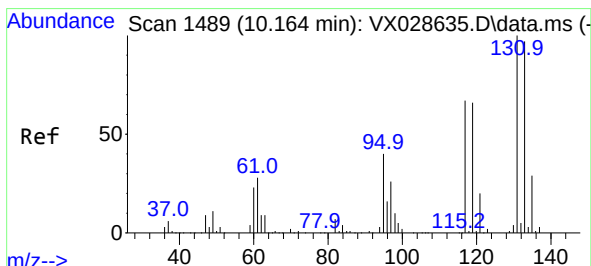
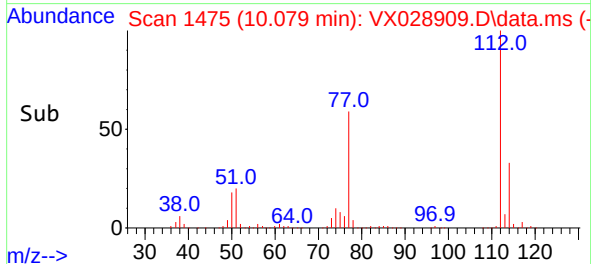
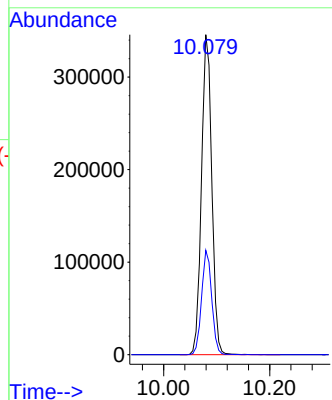
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 467819
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.8

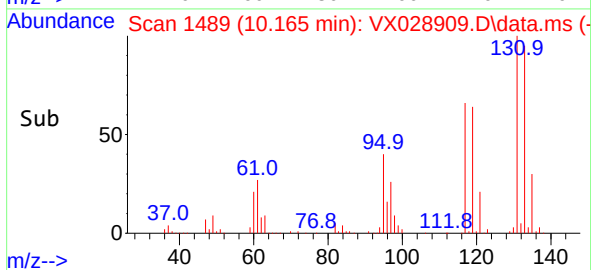
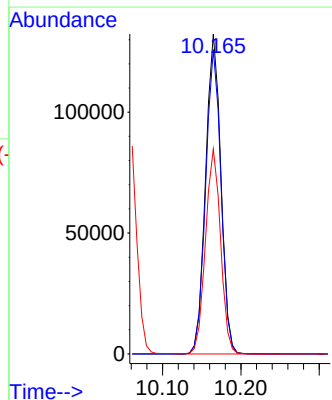
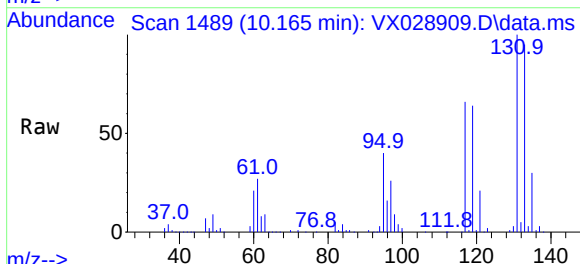
Manual Integrations
APPROVED

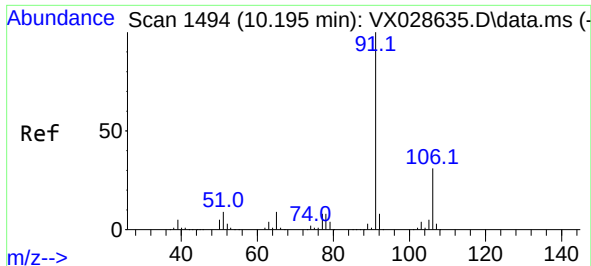
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 55.190 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

Tgt Ion:131 Resp: 178666
Ion Ratio Lower Upper
131 100
133 95.3 48.3 144.8
119 63.4 32.6 98.0





#67

Ethyl Benzene

Concen: 50.992 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028909.D

Acq: 23 May 2022 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 83526

Ion Ratio Lower Upper

91 100

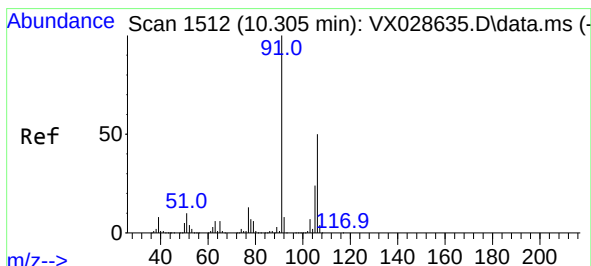
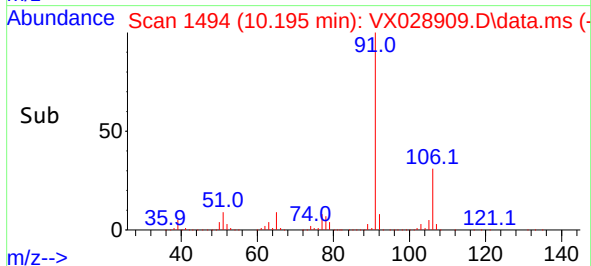
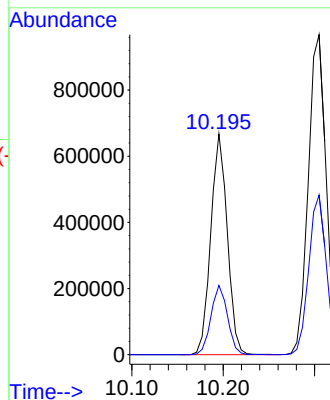
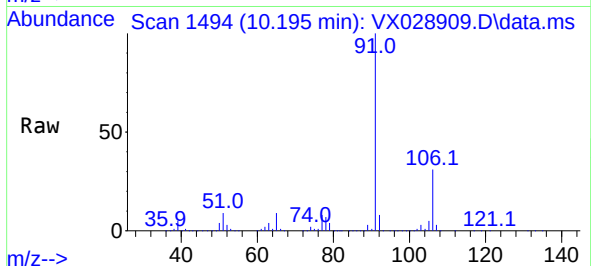
106 31.4 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#68

m/p-Xylenes

Concen: 101.602 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX028909.D

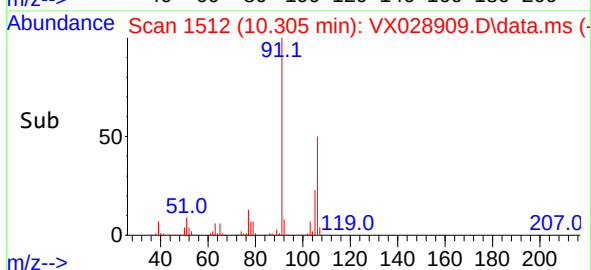
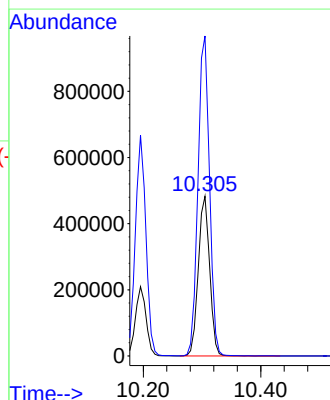
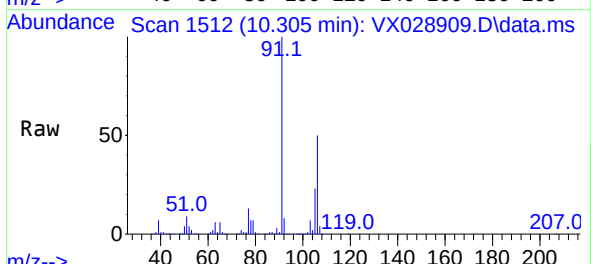
Acq: 23 May 2022 21:03

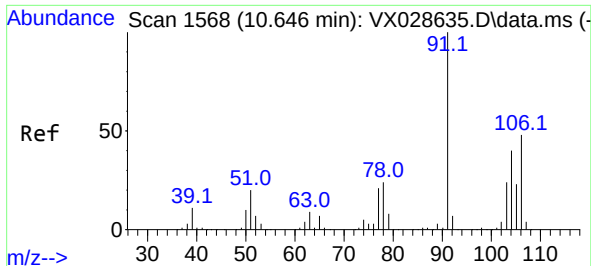
Tgt Ion:106 Resp: 647942

Ion Ratio Lower Upper

106 100

91 203.1 160.4 240.6





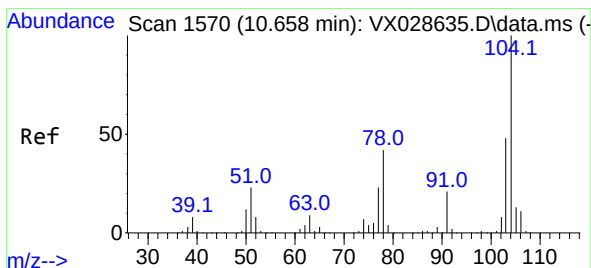
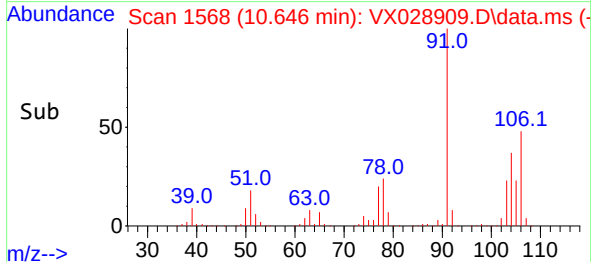
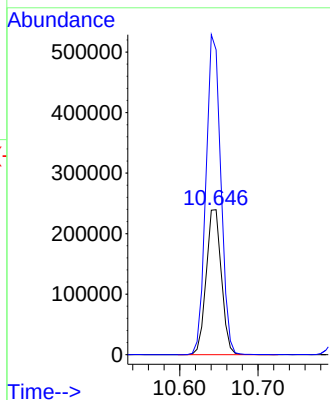
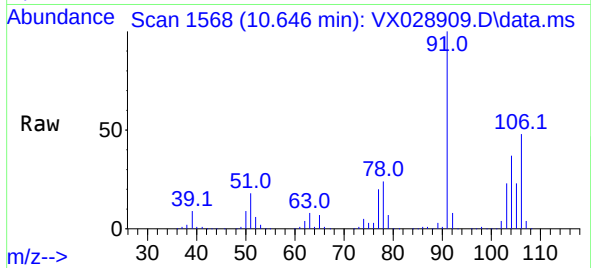
#69
o-Xylene
Concen: 51.229 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 32165
Ion Ratio Lower Upper
106 100
91 216.2 106.1 318.1

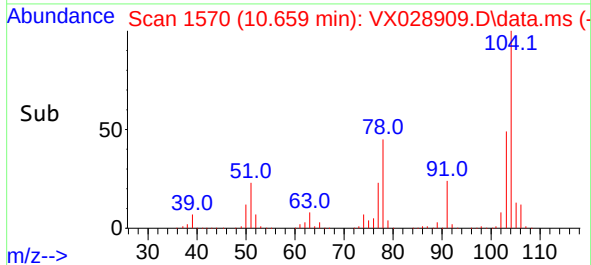
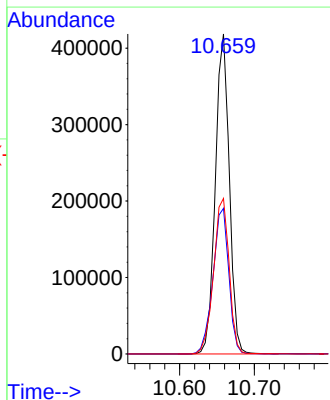
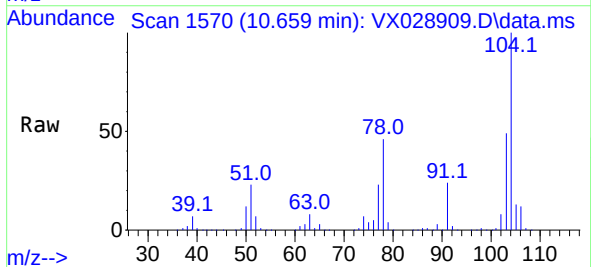
Manual Integrations
APPROVED

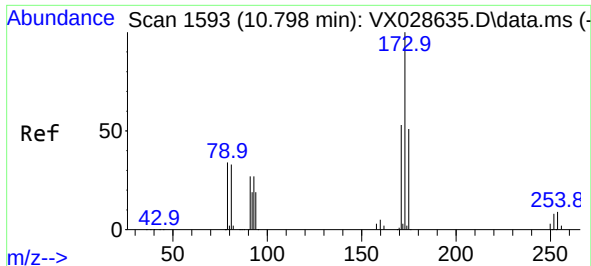
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#70
Styrene
Concen: 53.309 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

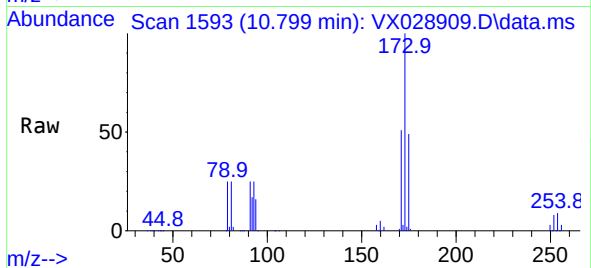
Tgt Ion:104 Resp: 543555
Ion Ratio Lower Upper
104 100
78 51.5 38.6 57.8
103 54.3 43.8 65.8





#71
Bromoform
Concen: 50.745 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.001 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

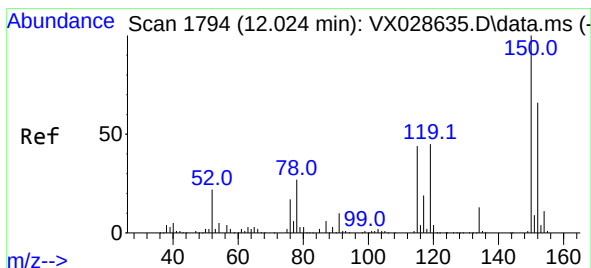
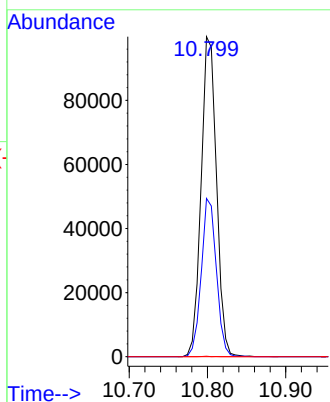
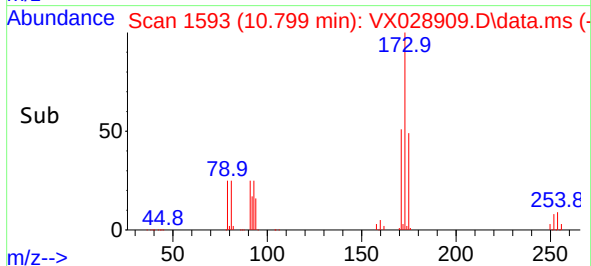
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



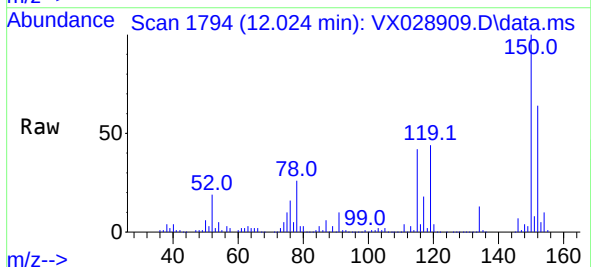
Tgt Ion:173 Resp: 136212
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.2
254 0.1 0.1 0.1

Manual Integrations
APPROVED

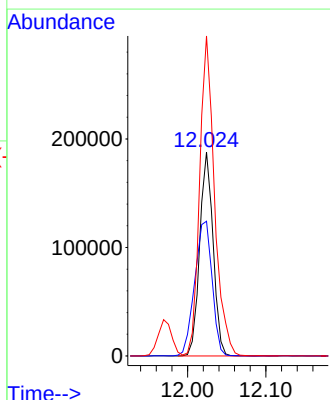
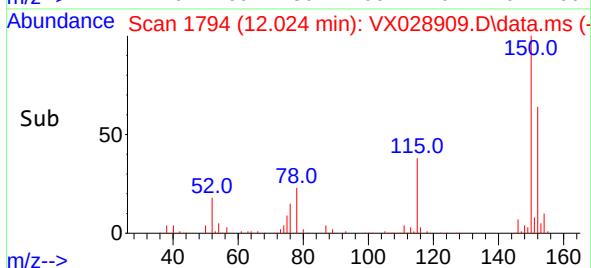
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

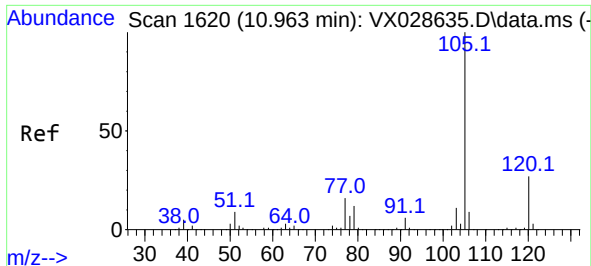


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03



Tgt Ion:152 Resp: 222884
Ion Ratio Lower Upper
152 100
115 86.1 37.5 112.7
150 174.0 0.0 338.2





#73
Isopropylbenzene
Concen: 50.301 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

Instrument :

MSVOA_X

ClientSampleId :

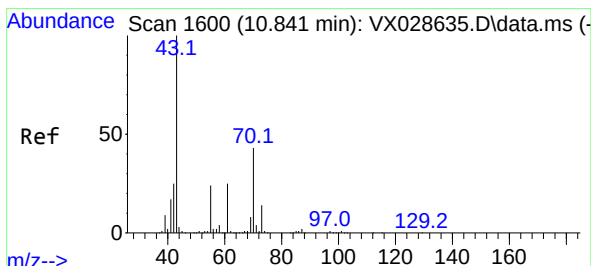
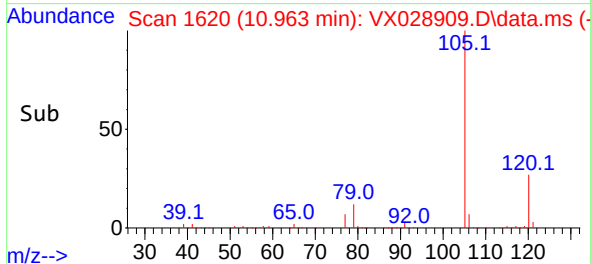
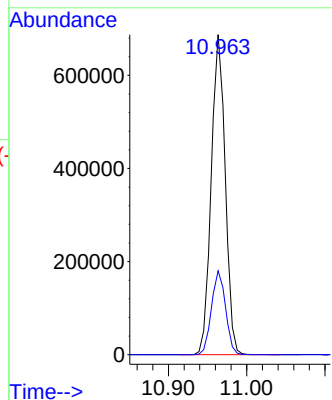
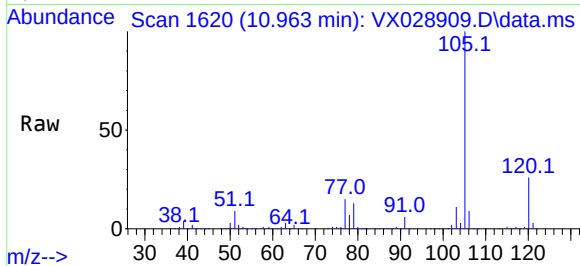
VSTDCCC050EC

Tgt Ion:105 Resp: 850210
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.5

Manual Integrations

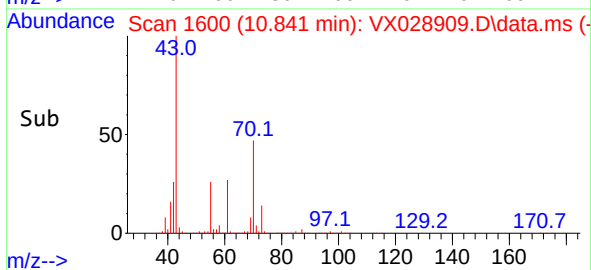
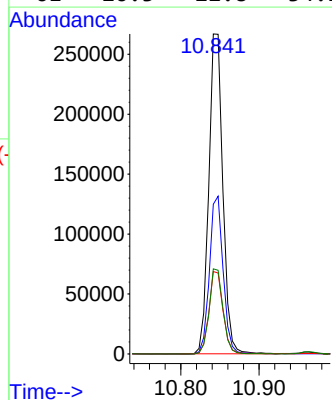
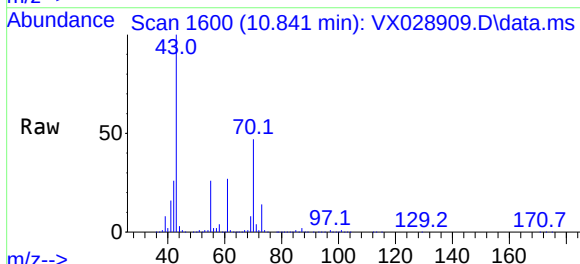
APPROVED

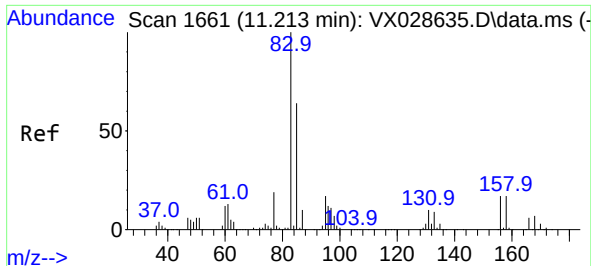
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#74
N-ethyl acetate
Concen: 49.866 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

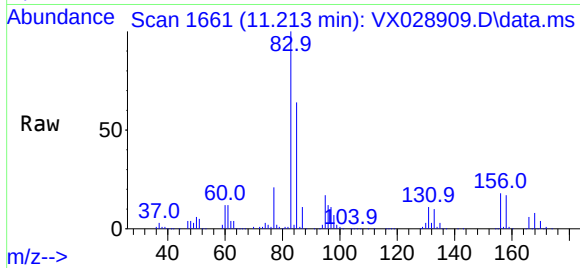
Tgt Ion: 43 Resp: 331321
Ion Ratio Lower Upper
43 100
70 48.1 42.5 63.7
55 26.1 23.1 34.7
61 26.3 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 50.292 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

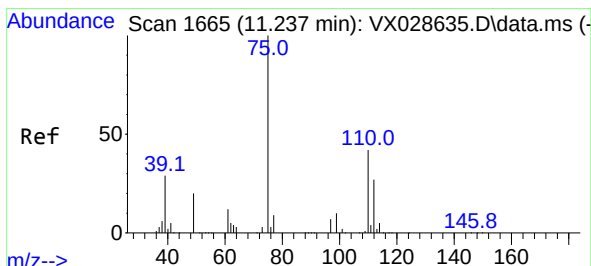
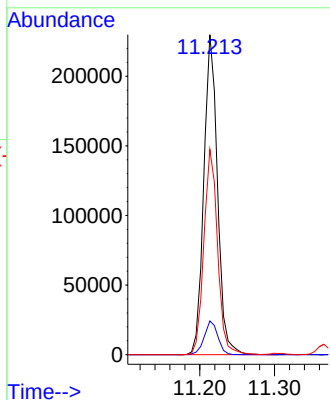
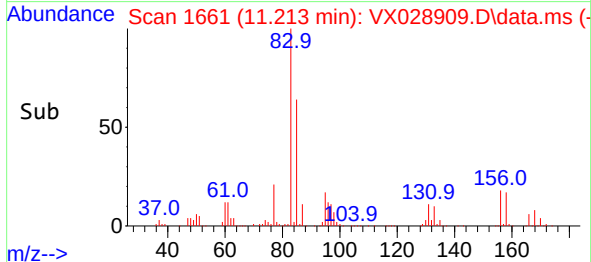
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



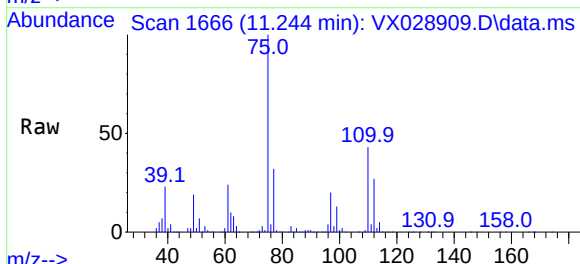
Tgt Ion: 83 Resp: 291622
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 64.4 32.6 97.7

Manual Integrations
APPROVED

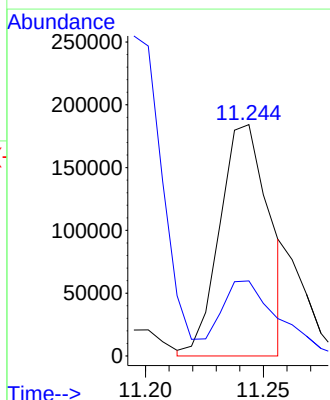
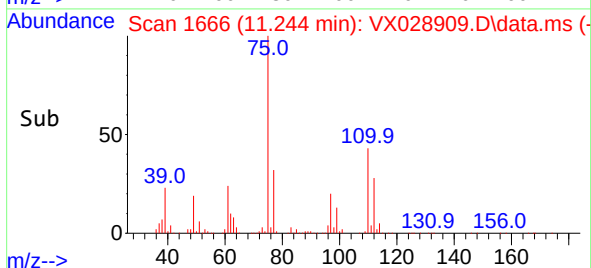
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

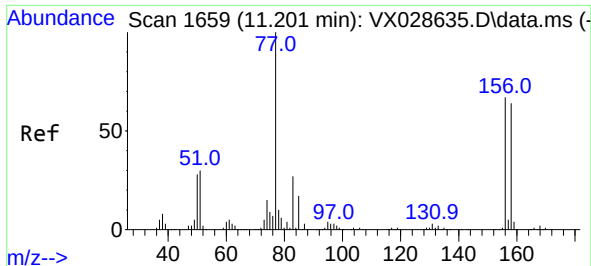


#76
1,2,3-Trichloropropane
Concen: 51.386 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.007 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03



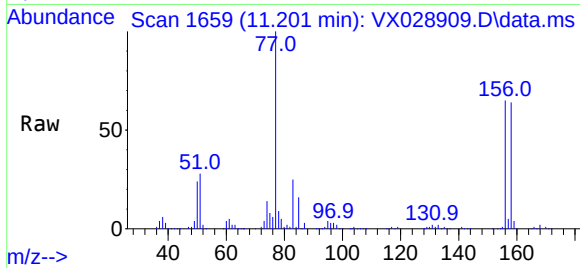
Tgt Ion: 75 Resp: 268219
Ion Ratio Lower Upper
75 100
77 39.0 19.4 58.2





#77
Bromobenzene
Concen: 51.199 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

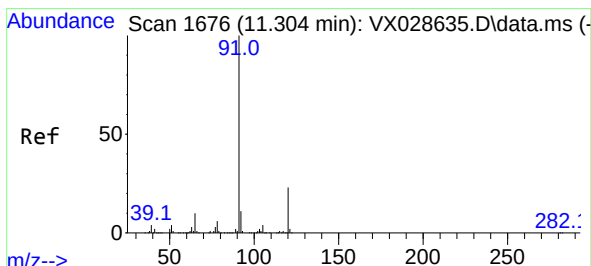
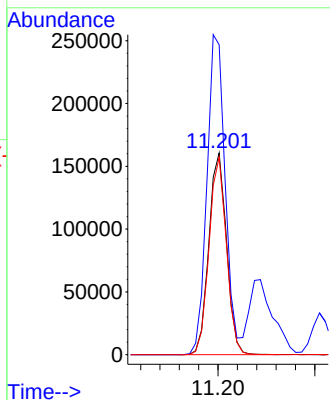
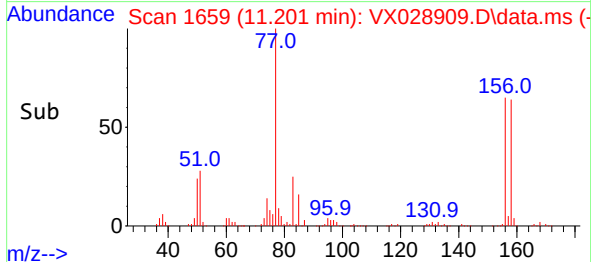
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



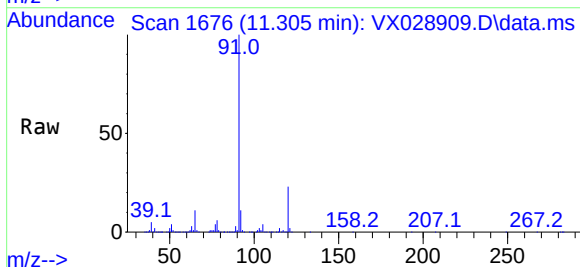
Tgt Ion:156 Resp: 20476
Ion Ratio Lower Upper
156 100
77 162.0 78.5 235.3
158 95.8 50.2 150.7

Manual Integrations
APPROVED

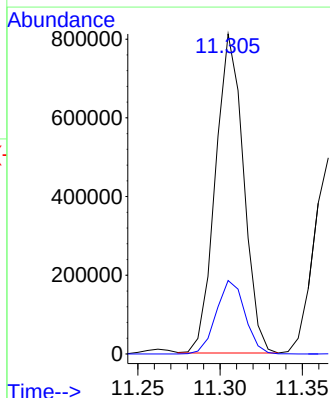
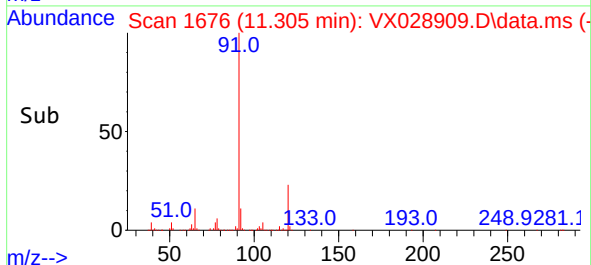
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

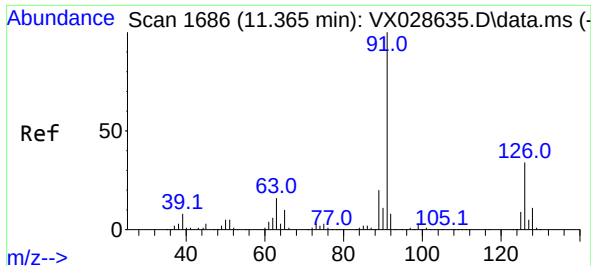


#78
n-propylbenzene
Concen: 49.338 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03



Tgt Ion: 91 Resp: 964621
Ion Ratio Lower Upper
91 100
120 23.5 11.6 34.8





#79
2-Chlorotoluene
Concen: 50.079 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

Instrument :

MSVOA_X

ClientSampleId :

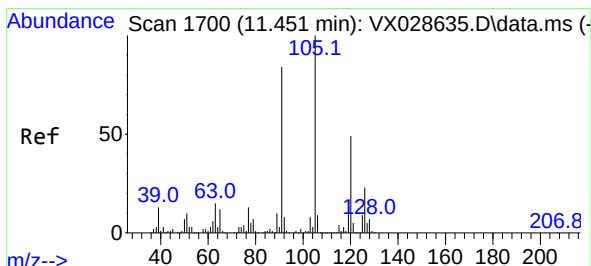
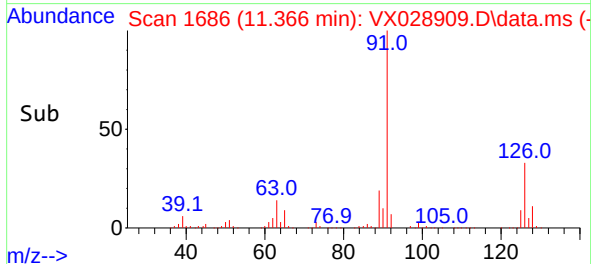
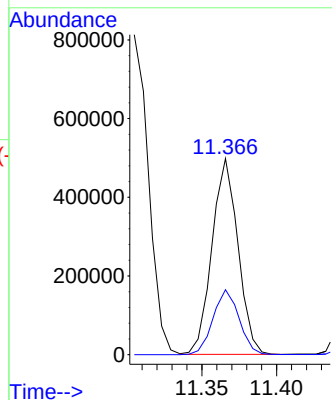
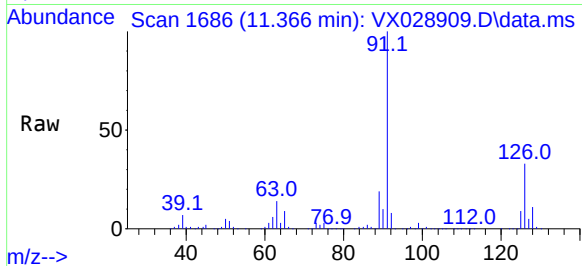
VSTDCCC050EC

Tgt Ion: 91 Resp: 600108
Ion Ratio Lower Upper
91 100
126 33.4 17.3 51.9

Manual Integrations

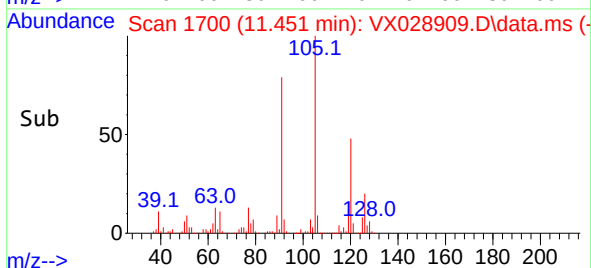
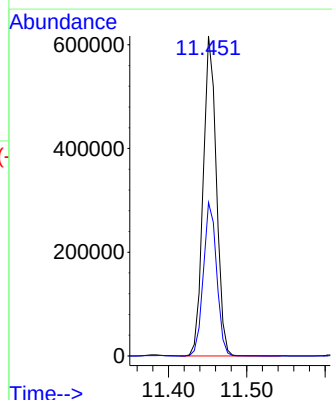
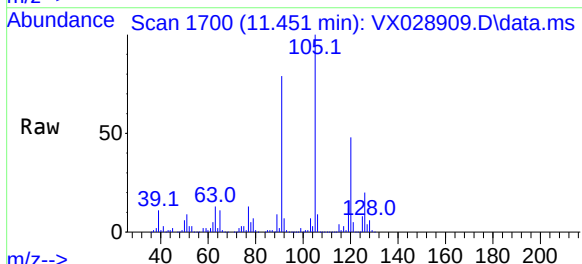
APPROVED

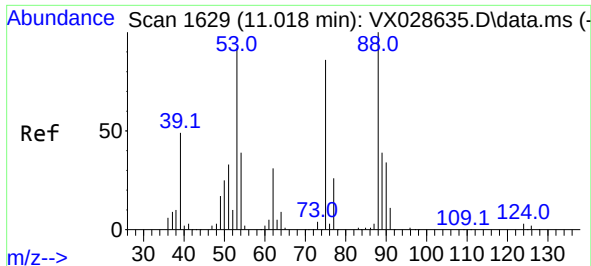
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.244 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

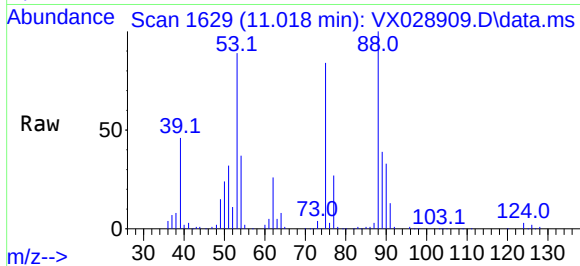
Tgt Ion:105 Resp: 721717
Ion Ratio Lower Upper
105 100
120 48.3 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 44.808 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

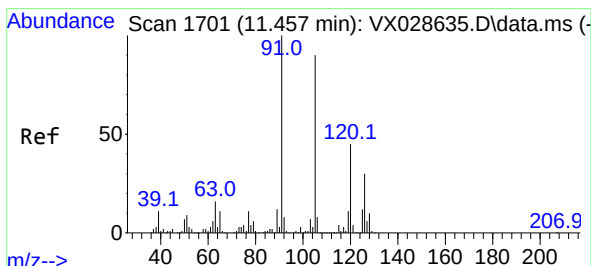
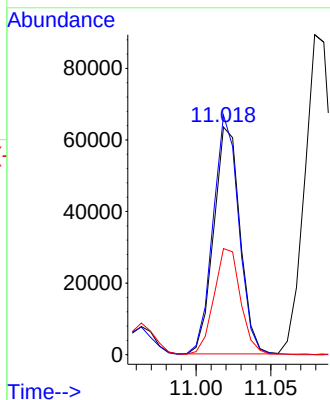
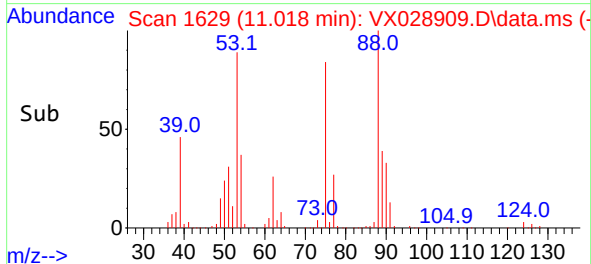
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



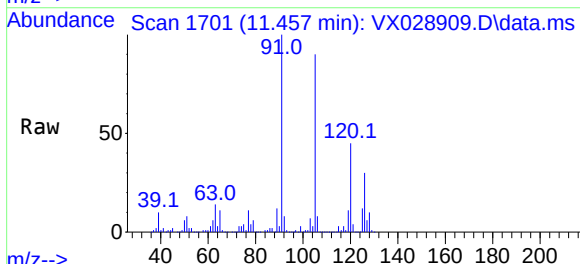
Tgt Ion: 75 Resp: 7763
Ion Ratio Lower Upper
75 100
53 103.5 69.0 103.4
89 47.5 37.0 55.6

Manual Integrations
APPROVED

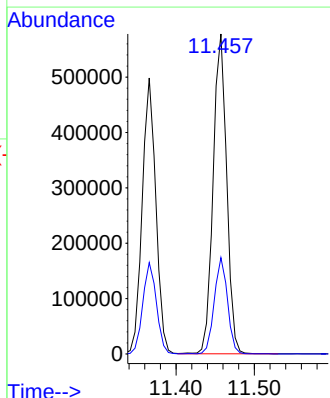
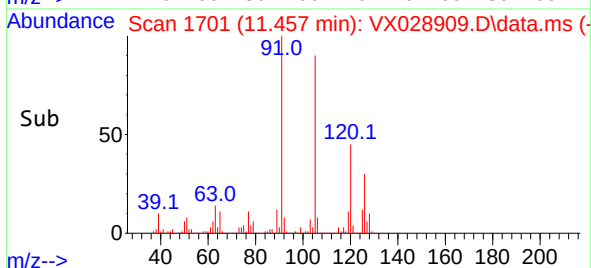
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

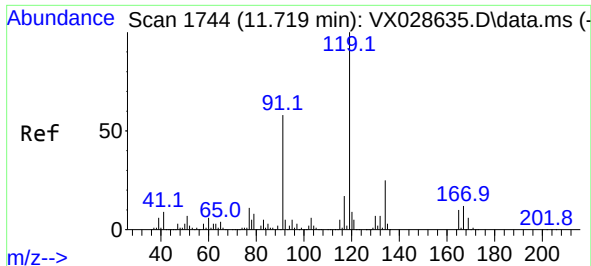


#82
4-Chlorotoluene
Concen: 50.099 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03



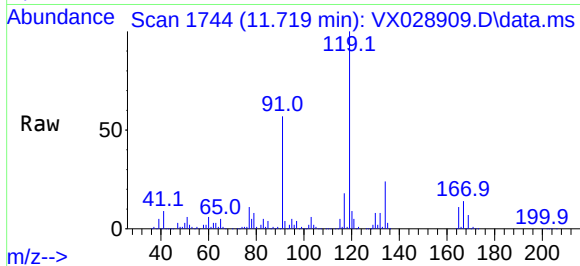
Tgt Ion: 91 Resp: 694034
Ion Ratio Lower Upper
91 100
126 29.4 14.9 44.5





#83
tert-Butylbenzene
Concen: 52.568 ug/l
RT: 11.719 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

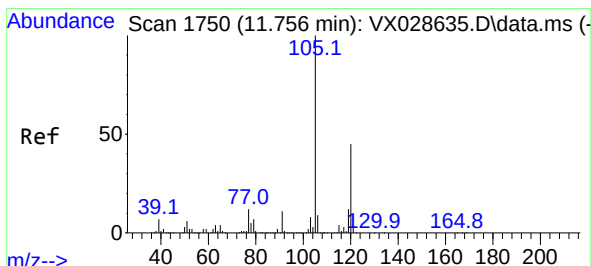
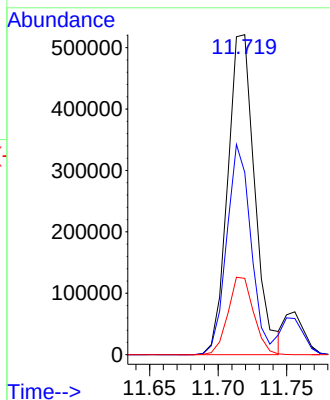
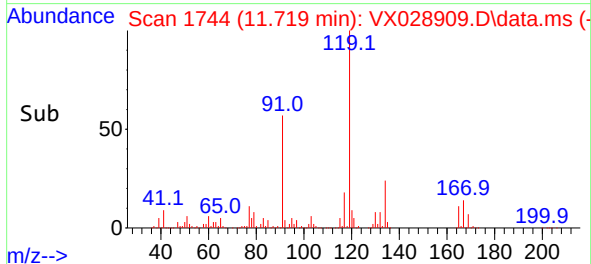
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



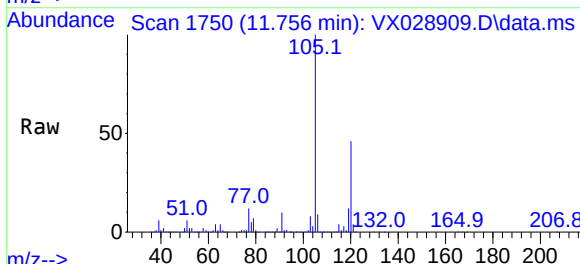
Tgt Ion:119 Resp: 716825
Ion Ratio Lower Upper
119 100
91 58.7 26.9 80.6
134 23.0 11.4 34.2

Manual Integrations
APPROVED

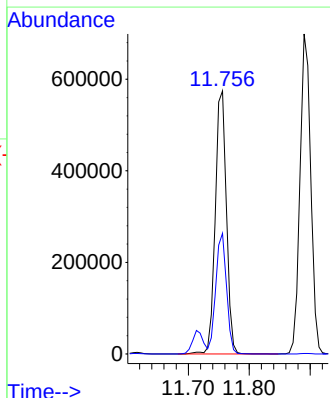
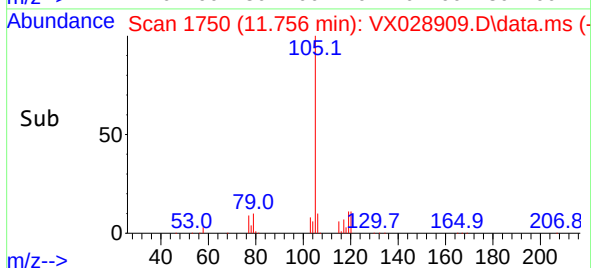
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

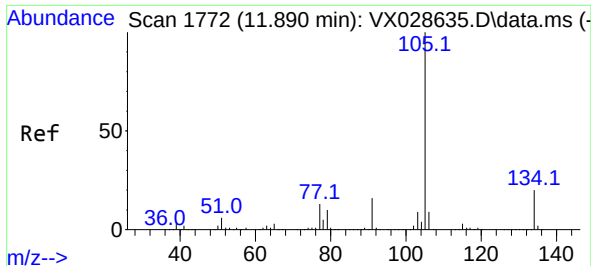


#84
1,2,4-Trimethylbenzene
Concen: 51.540 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03



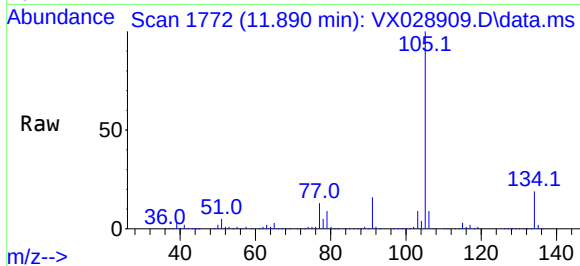
Tgt Ion:105 Resp: 727908
Ion Ratio Lower Upper
105 100
120 44.3 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 50.965 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX028909.D
 Acq: 23 May 2022 21:03

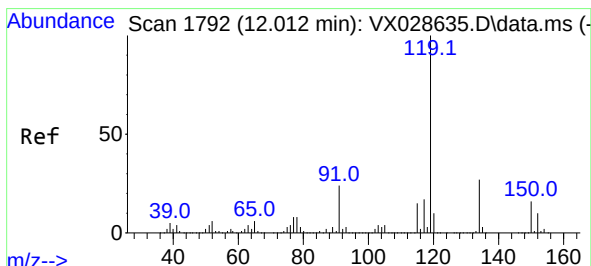
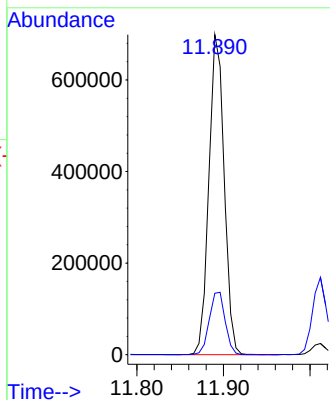
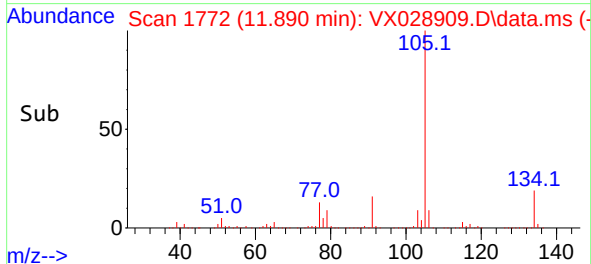
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



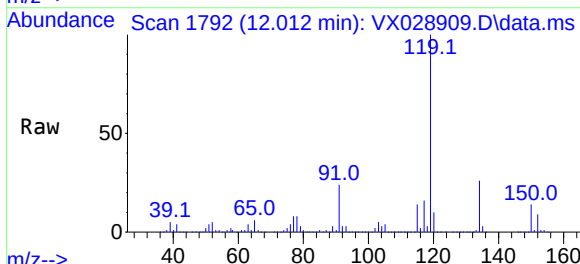
Tgt Ion:105 Resp: 857249
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4

Manual Integrations
 APPROVED

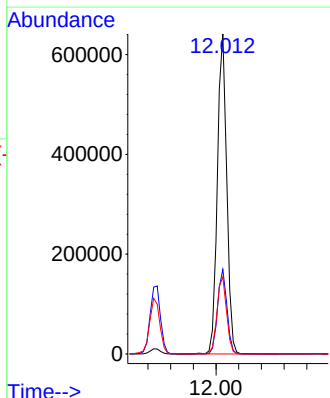
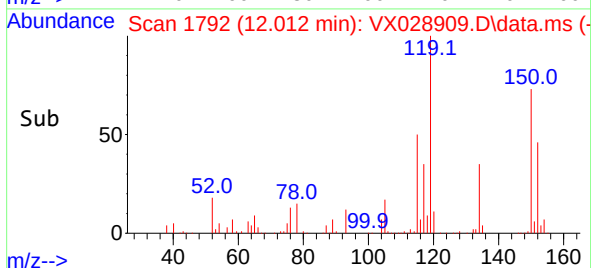
Reviewed By :John Carlone 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022

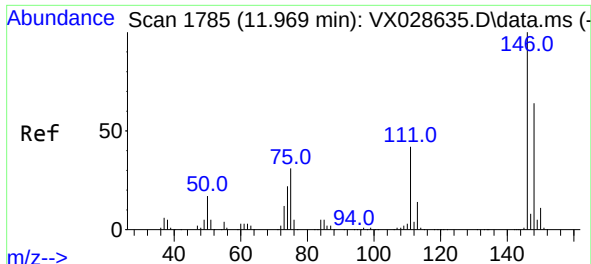


#86
 p-Isopropyltoluene
 Concen: 51.889 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX028909.D
 Acq: 23 May 2022 21:03



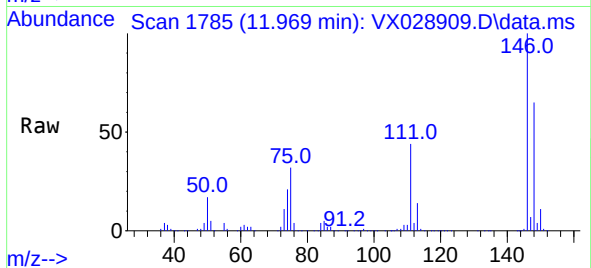
Tgt Ion:119 Resp: 732373
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 24.6 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 49.927 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

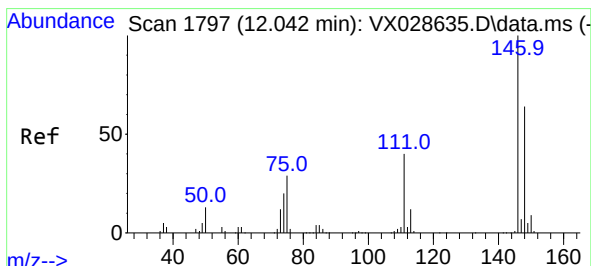
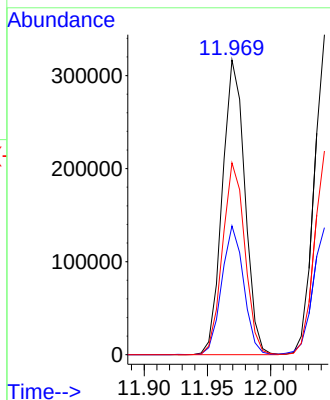
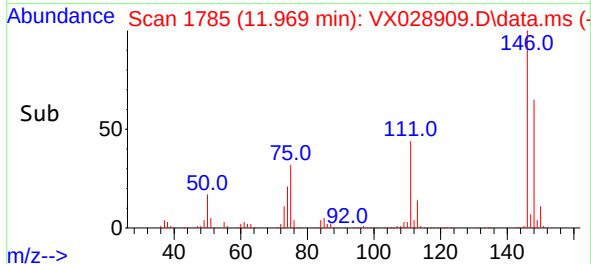
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



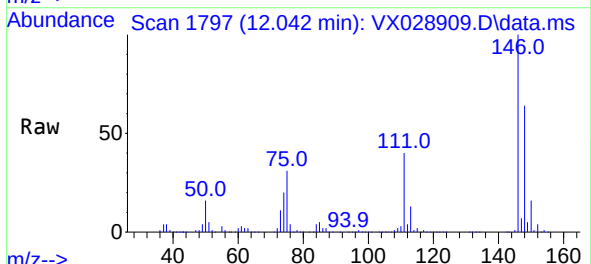
Tgt Ion:146 Resp: 391640
Ion Ratio Lower Upper
146 100
111 42.7 19.7 59.1
148 64.6 31.6 94.7

Manual Integrations
APPROVED

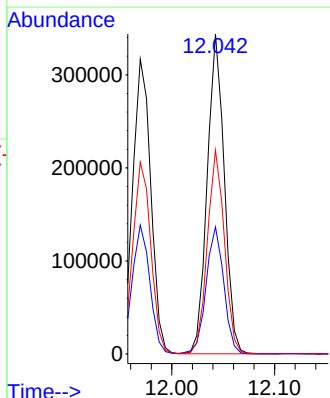
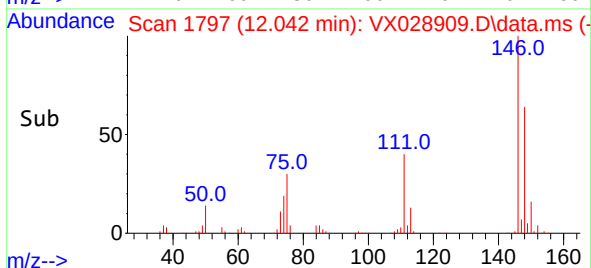
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

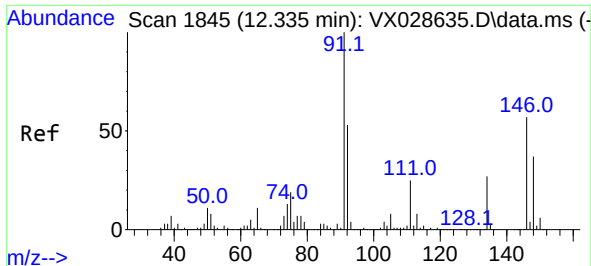


#88
1,4-Dichlorobenzene
Concen: 48.864 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03



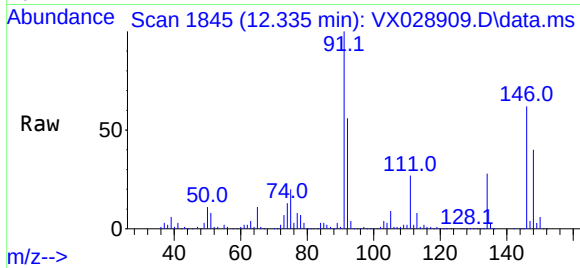
Tgt Ion:146 Resp: 397581
Ion Ratio Lower Upper
146 100
111 40.9 19.2 57.6
148 63.8 32.3 96.9





#89
n-Butylbenzene
Concen: 49.633 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

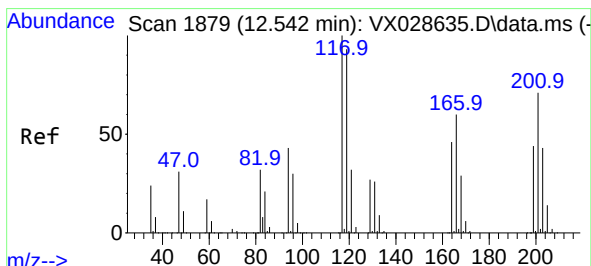
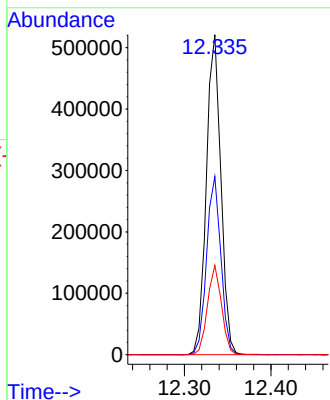
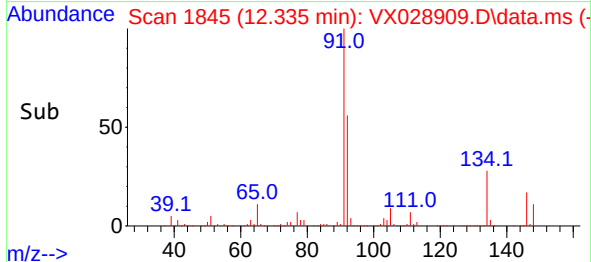
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 606979
Ion Ratio Lower Upper
91 100
92 54.8 27.8 83.3
134 26.9 13.3 39.8

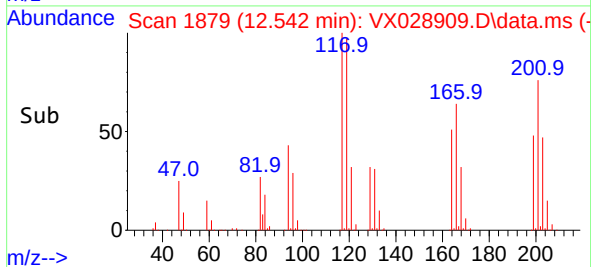
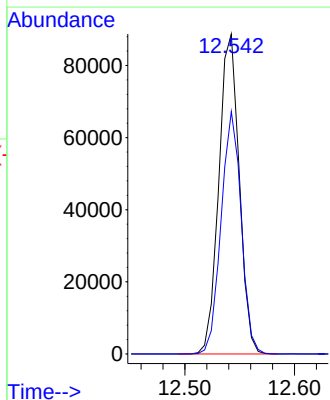
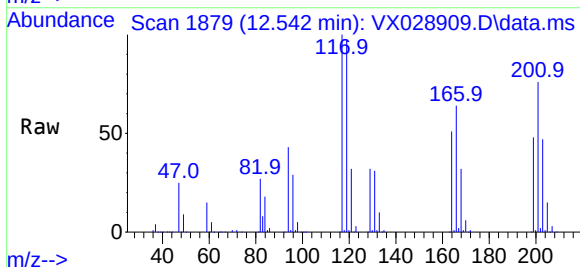
Manual Integrations
APPROVED

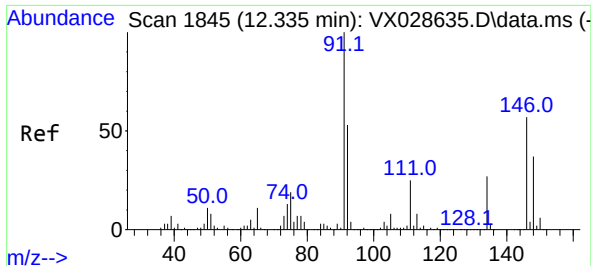
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#90
Hexachloroethane
Concen: 50.211 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

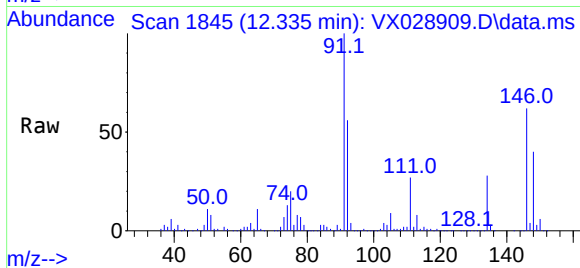
Tgt Ion:117 Resp: 114607
Ion Ratio Lower Upper
117 100
201 74.5 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 51.739 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

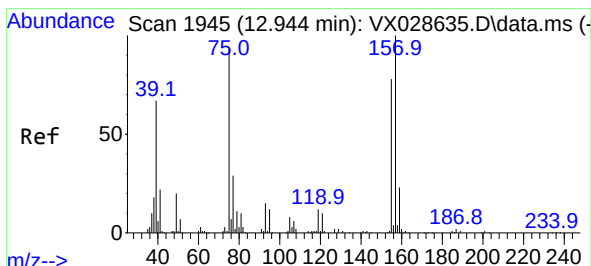
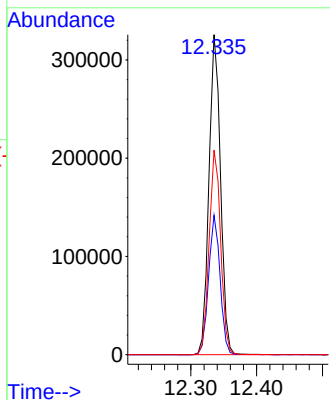
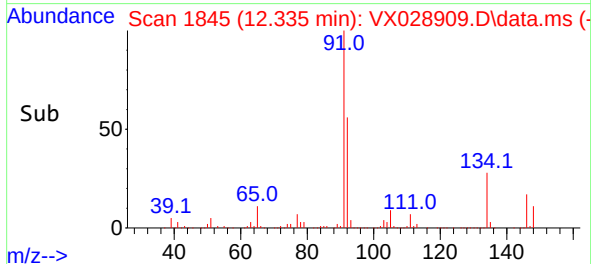
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



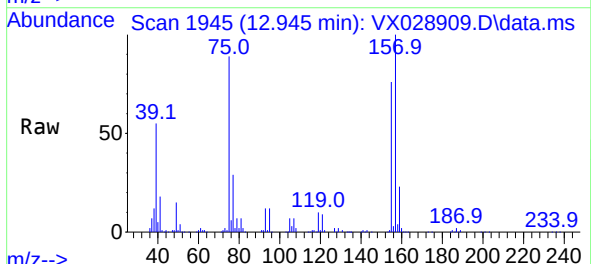
Tgt Ion:146 Resp: 398709
Ion Ratio Lower Upper
146 100
111 43.3 21.0 63.0
148 63.8 32.6 97.7

Manual Integrations
APPROVED

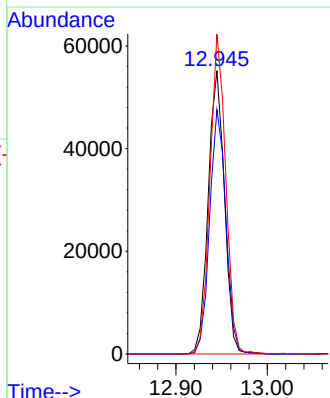
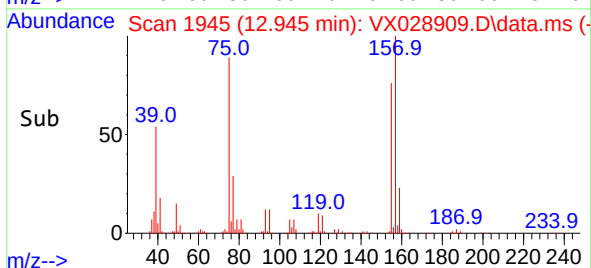
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

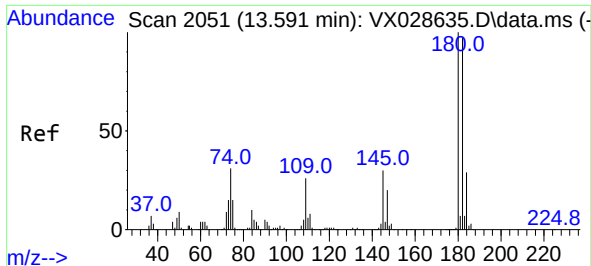


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.805 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03



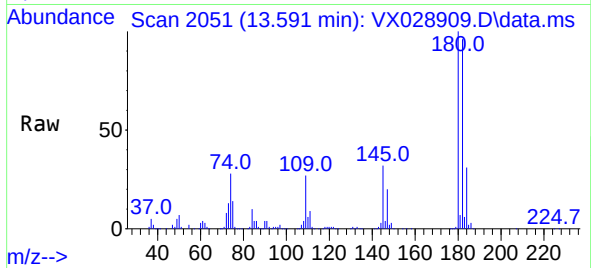
Tgt Ion: 75 Resp: 67857
Ion Ratio Lower Upper
75 100
155 86.3 47.0 141.2
157 110.1 57.9 173.6





#93
1,2,4-Trichlorobenzene
Concen: 52.050 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

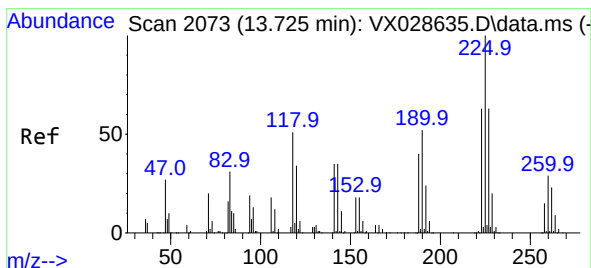
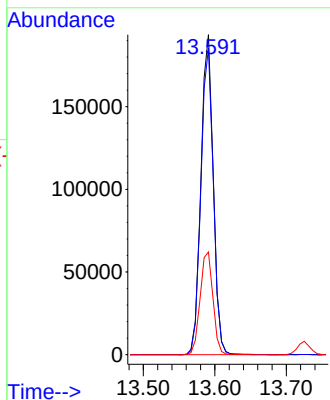
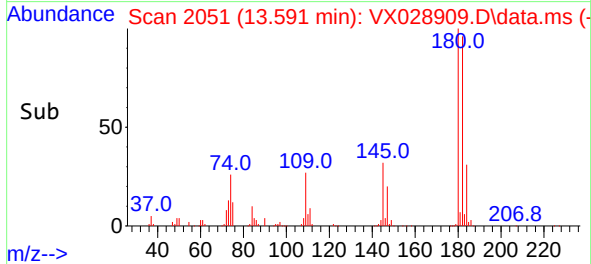
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



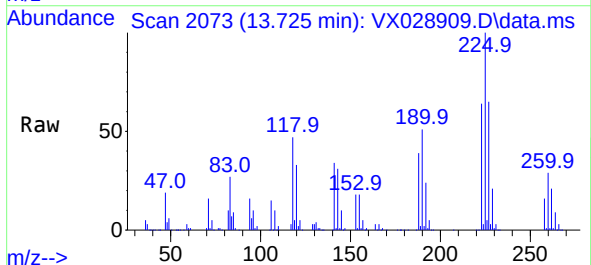
Tgt Ion:180 Resp: 231660
Ion Ratio Lower Upper
180 100
182 96.5 47.7 143.1
145 33.3 15.2 45.5

Manual Integrations
APPROVED

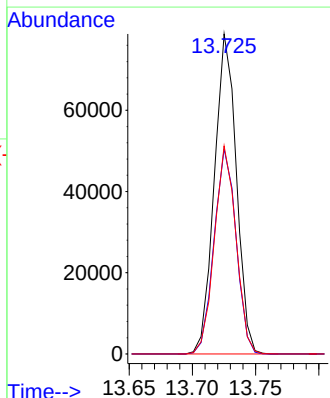
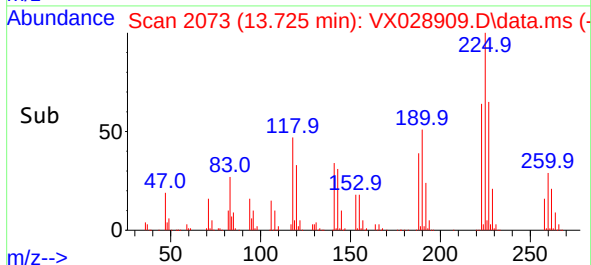
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

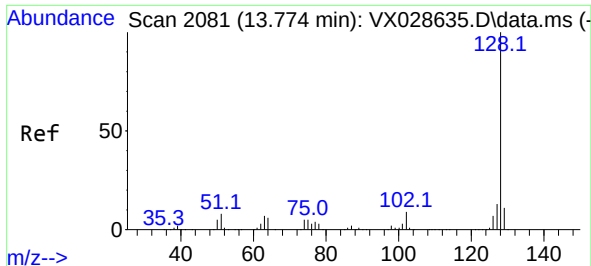


#94
Hexachlorobutadiene
Concen: 52.604 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03



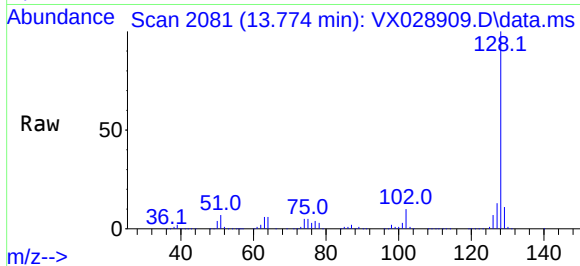
Tgt Ion:225 Resp: 95115
Ion Ratio Lower Upper
225 100
223 63.9 34.2 102.5
227 63.8 33.9 101.7





#95
Naphthalene
Concen: 54.555 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03

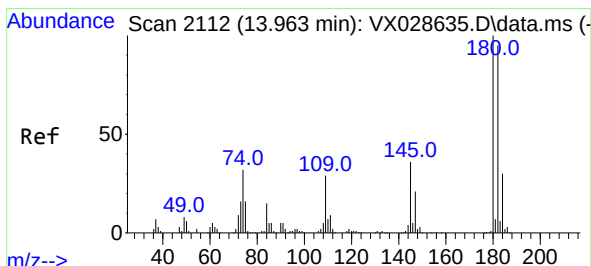
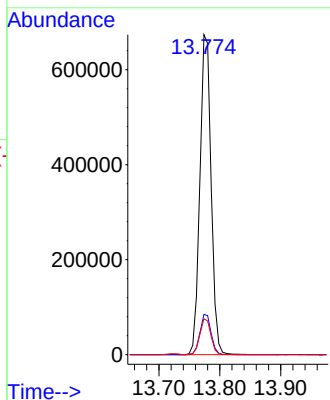
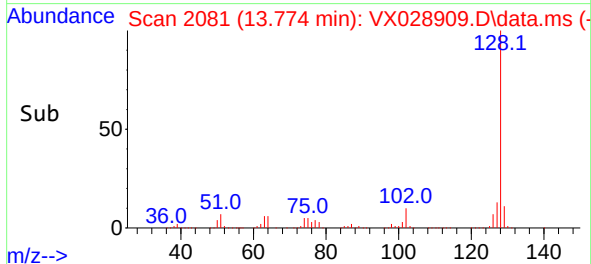
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



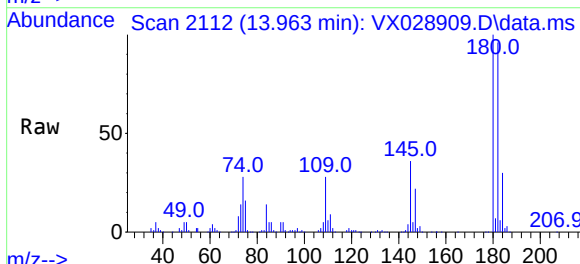
Tgt Ion:128 Resp: 864052
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.933 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX028909.D
Acq: 23 May 2022 21:03



Tgt Ion:180 Resp: 232149
Ion Ratio Lower Upper
180 100
182 96.2 50.0 149.8
145 35.4 16.2 48.5

