

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028641.D
 Acq On : 12 May 2022 16:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 13 02:47:01 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	5.550	168	213149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	352055	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	331540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169911	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	145433	49.776	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.560%
35) Dibromofluoromethane	5.385	113	118412	51.336	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.680%
50) Toluene-d8	8.653	98	446941	51.394	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.780%
62) 4-Bromofluorobenzene	11.085	95	168261	51.802	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.600%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	144200	51.666	ug/l	100
3) Chloromethane	1.288	50	126879	48.272	ug/l	99
4) Vinyl Chloride	1.374	62	140797	49.707	ug/l	98
5) Bromomethane	1.599	94	106999	53.845	ug/l	99
6) Chloroethane	1.678	64	93576	52.557	ug/l	99
7) Trichlorofluoromethane	1.886	101	225358	49.902	ug/l	98
8) Diethyl Ether	2.130	74	81025	49.239	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	115809	48.732	ug/l	94
10) Methyl Iodide	2.453	142	134153	47.151	ug/l	94
11) Tert butyl alcohol	2.965	59	153059	246.740	ug/l	99
12) 1,1-Dichloroethene	2.318	96	108297	49.092	ug/l	96
13) Acrolein	2.233	56	116587	243.104	ug/l	98
14) Allyl chloride	2.660	41	177840	50.264	ug/l	91
15) Acrylonitrile	3.062	53	349047	247.951	ug/l	99
16) Acetone	2.379	43	300979	240.023	ug/l	92
17) Carbon Disulfide	2.507	76	282325	49.371	ug/l	99
18) Methyl Acetate	2.703	43	154597	49.224	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	395624	50.538	ug/l	99
20) Methylene Chloride	2.788	84	124752	47.421	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	122935	49.474	ug/l	98
22) Diisopropyl ether	3.757	45	381691	50.482	ug/l #	79
23) Vinyl Acetate	3.721	43	1695658	260.146	ug/l	96
24) 1,1-Dichloroethane	3.611	63	218569	49.725	ug/l	98
25) 2-Butanone	4.556	43	488777	248.324	ug/l	97
26) 2,2-Dichloropropane	4.477	77	180664	52.421	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	143554	49.465	ug/l	100
28) Bromochloromethane	4.897	49	93200	50.373	ug/l	92
29) Tetrahydrofuran	5.001	42	317082	247.832	ug/l	93
30) Chloroform	5.092	83	239920	50.433	ug/l	99
31) Cyclohexane	5.470	56	204118	50.330	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	209403	50.422	ug/l	99
36) 1,1-Dichloropropene	5.690	75	175405	50.629	ug/l	99
37) Ethyl Acetate	4.714	43	191079	52.805	ug/l	96
38) Carbon Tetrachloride	5.678	117	182585	52.368	ug/l	99
39) Methylcyclohexane	7.385	83	207723	52.282	ug/l	94
40) Benzene	6.037	78	510727	51.294	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	100612	51.856	ug/l	94
42) 1,2-Dichloroethane	6.086	62	186945	50.902	ug/l	98
43) Isopropyl Acetate	6.342	43	298900	52.799	ug/l	95
44) Trichloroethene	7.129	130	139630	51.708	ug/l	98
45) 1,2-Dichloropropane	7.433	63	126615	50.968	ug/l	98
46) Dibromomethane	7.580	93	95121	51.273	ug/l	92
47) Bromodichloromethane	7.824	83	180926	52.529	ug/l	98
48) Methyl methacrylate	7.696	41	145078	53.050	ug/l	87
49) 1,4-Dioxane	7.659	88	69328	1014.773	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	990458	265.615	ug/l	93
52) Toluene	8.720	92	334539	52.231	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	192217	48.531	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	211646	54.610	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	134967	51.676	ug/l	98
56) Ethyl methacrylate	9.116	69	211511	53.478	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	226921	51.513	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	494972	255.618	ug/l	99
59) 2-Hexanone	9.433	43	777704	268.442	ug/l	91
60) Dibromochloromethane	9.525	129	138806	54.494	ug/l	96
61) 1,2-Dibromoethane	9.610	107	146330	53.343	ug/l	100
64) Tetrachloroethene	9.275	164	129586	51.759	ug/l	97
65) Chlorobenzene	10.079	112	362067	51.478	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	129832	52.110	ug/l	100
67) Ethyl Benzene	10.195	91	649495	51.520	ug/l	98
68) m/p-Xylenes	10.305	106	514550	104.837	ug/l	99
69) o-Xylene	10.646	106	248246	51.372	ug/l	98
70) Styrene	10.658	104	424434	54.086	ug/l	98
71) Bromoform	10.799	173	99181	48.109	ug/l #	99
73) Isopropylbenzene	10.963	105	654441	50.790	ug/l	99
74) N-amyl acetate	10.847	43	272062	53.713	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	220272	49.830	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	246985	62.070	ug/l	89
77) Bromobenzene	11.201	156	156183	51.228	ug/l	97
78) n-propylbenzene	11.305	91	769257	51.612	ug/l	100
79) 2-Chlorotoluene	11.366	91	457560	50.088	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	556138	51.798	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	63885	48.059	ug/l	88
82) 4-Chlorotoluene	11.457	91	537552	50.901	ug/l	99
83) tert-Butylbenzene	11.713	119	533976	51.367	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	557724	51.802	ug/l	100
85) sec-Butylbenzene	11.890	105	667158	52.030	ug/l	100
86) p-Isopropyltoluene	12.012	119	564935	52.504	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	307073	51.350	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	306004	49.334	ug/l	99
89) n-Butylbenzene	12.335	91	493945	52.983	ug/l	98
90) Hexachloroethane	12.542	117	92614	53.226	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	298124	50.749	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	47904	50.753	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	175457	51.712	ug/l	98
94) Hexachlorobutadiene	13.725	225	70011	50.792	ug/l	94
95) Naphthalene	13.774	128	633525	52.471	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	173934	51.040	ug/l	95

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Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

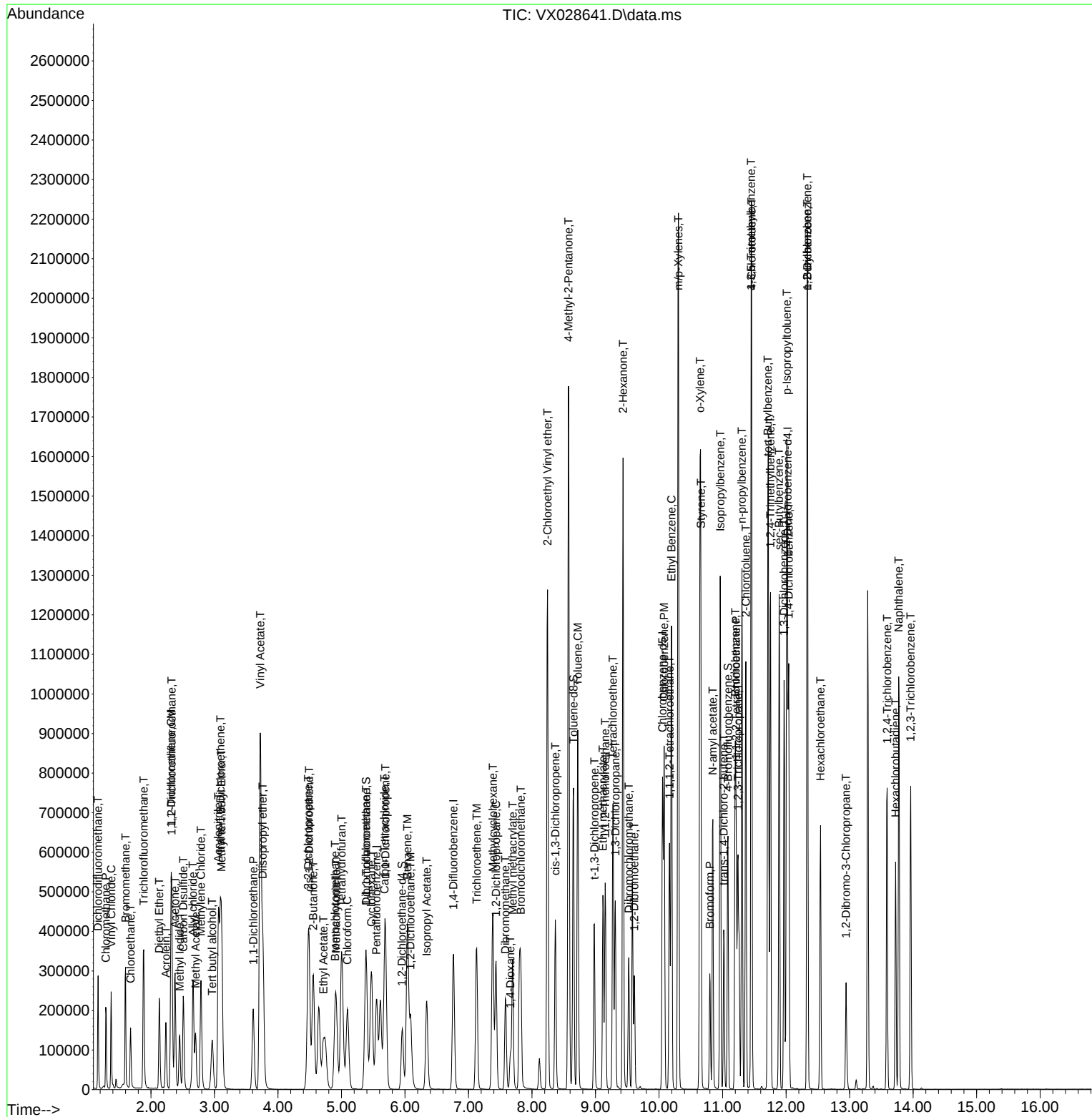
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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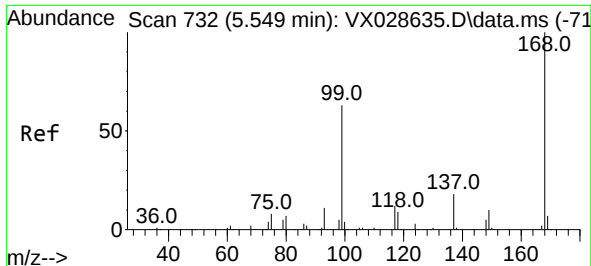
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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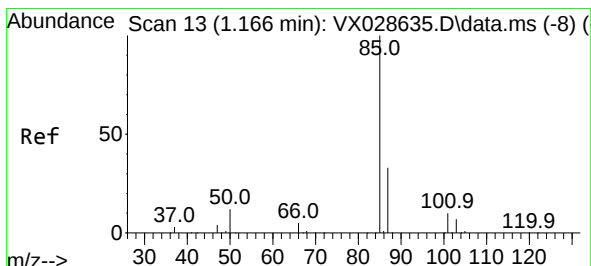
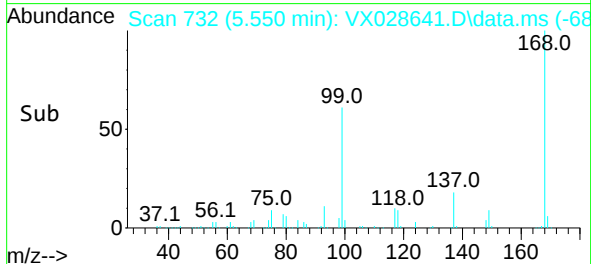
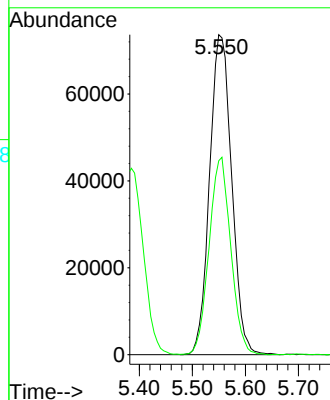
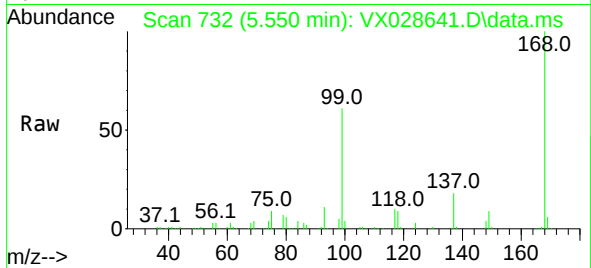




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX028641.D
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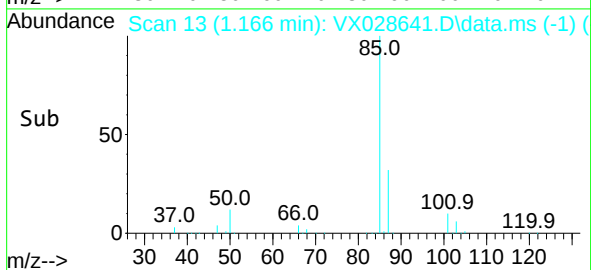
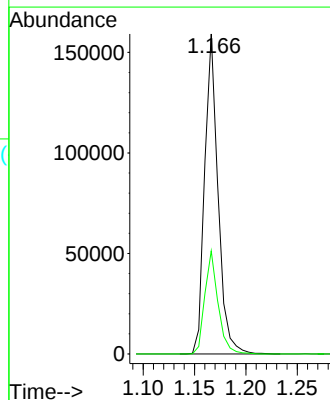
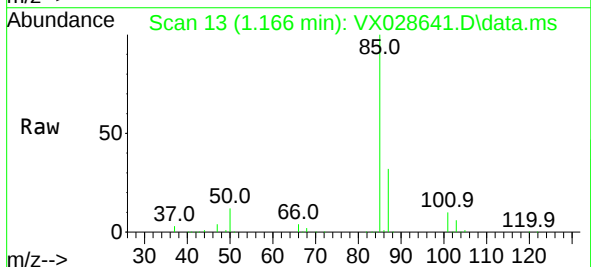
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

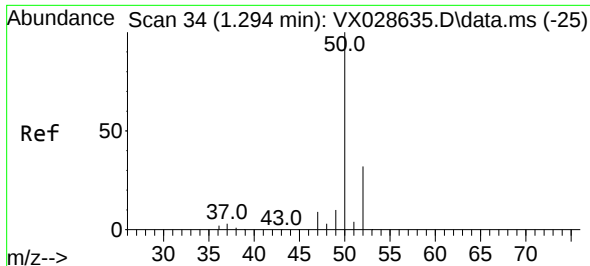
Tgt Ion:168 Resp: 213149
Ion Ratio Lower Upper
168 100
99 60.6 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 51.666 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

Tgt Ion: 85 Resp: 144200
Ion Ratio Lower Upper
85 100
87 32.2 16.2 48.6

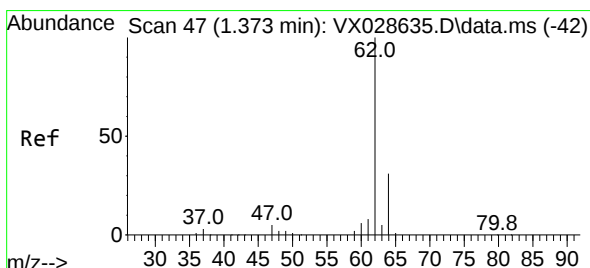
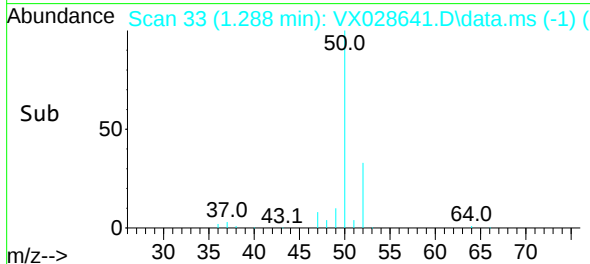
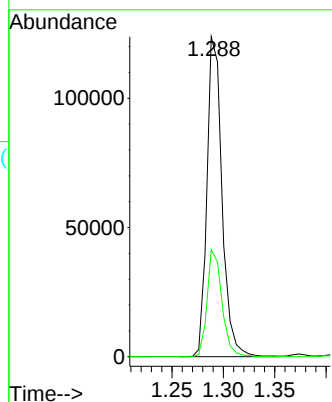
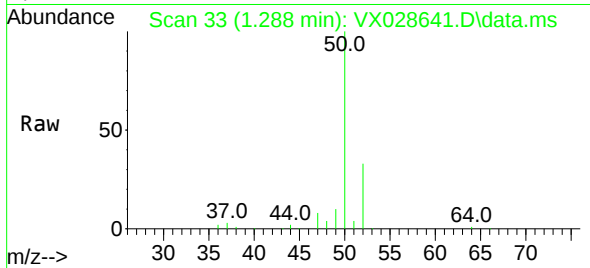




#3
Chloromethane
Concen: 48.272 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

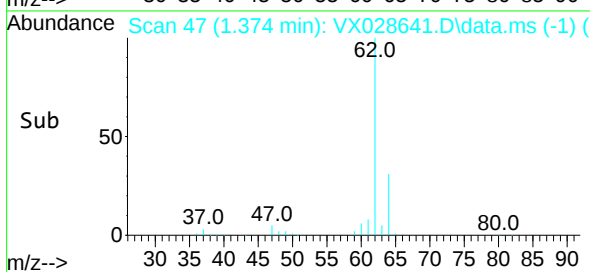
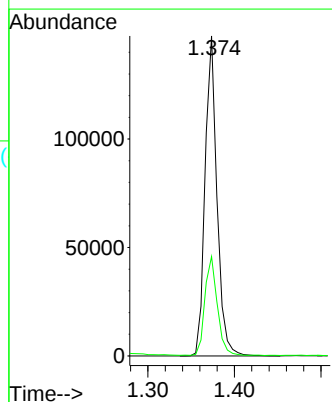
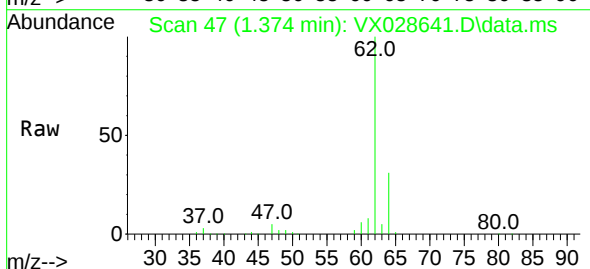
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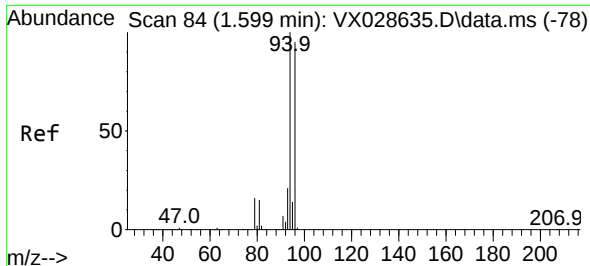
Tgt Ion: 50 Resp: 126879
Ion Ratio Lower Upper
50 100
52 33.5 26.4 39.6



#4
Vinyl Chloride
Concen: 49.707 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

Tgt Ion: 62 Resp: 140797
Ion Ratio Lower Upper
62 100
64 30.9 25.5 38.3

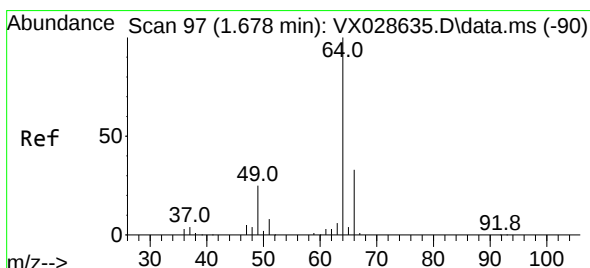
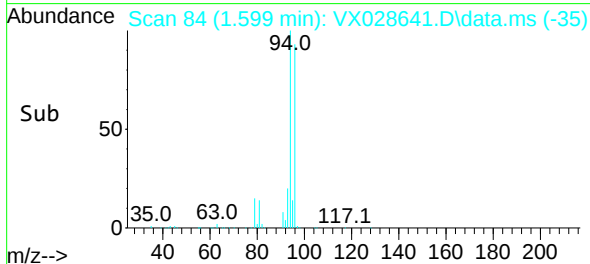
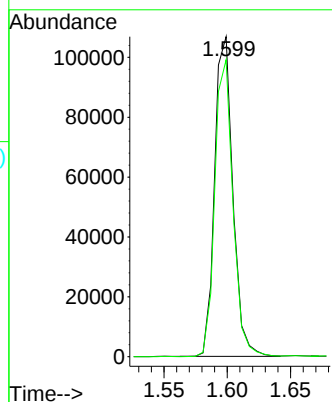
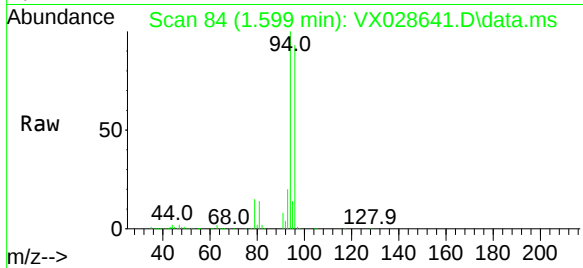




#5
Bromomethane
Concen: 53.845 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX028641.D
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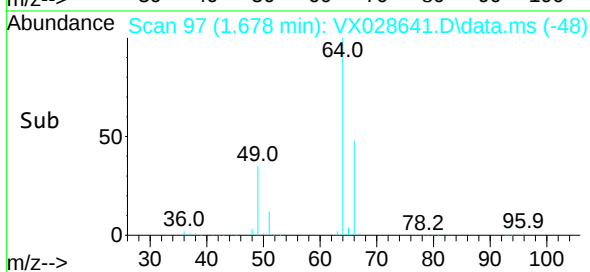
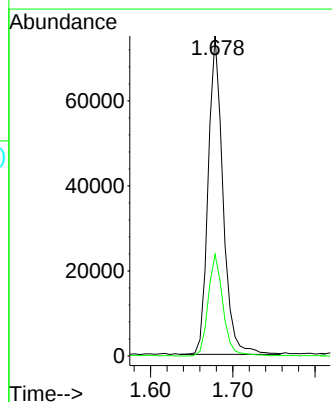
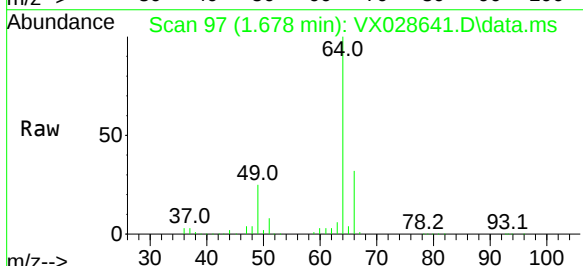
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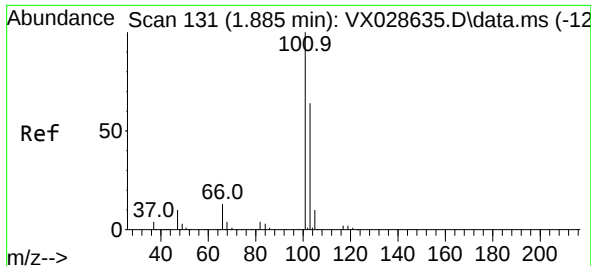
Tgt Ion: 94 Resp: 106999
Ion Ratio Lower Upper
94 100
96 92.9 75.3 112.9



#6
Chloroethane
Concen: 52.557 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX028641.D
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Tgt Ion: 64 Resp: 93576
Ion Ratio Lower Upper
64 100
66 31.9 25.3 37.9

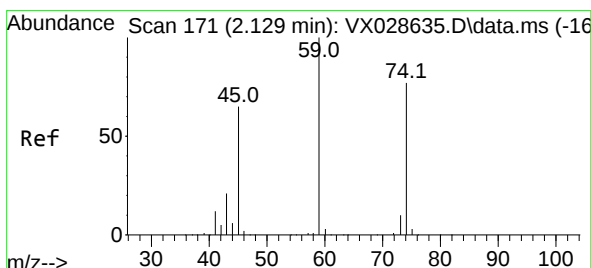
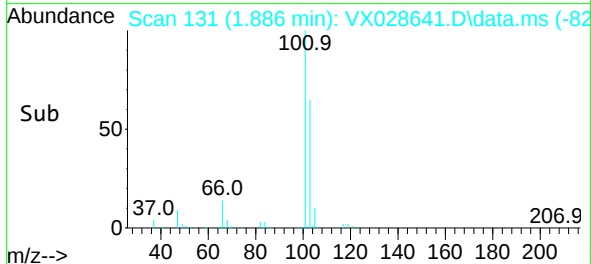
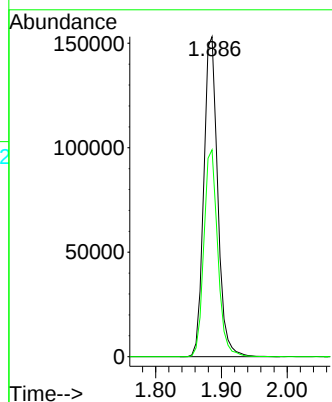
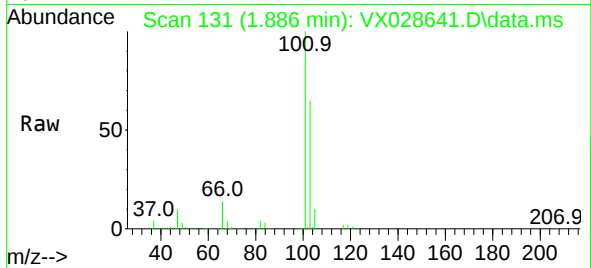




#7
 Trichlorofluoromethane
 Concen: 49.902 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VX028641.D
 Acq: 12 May 2022 16:12

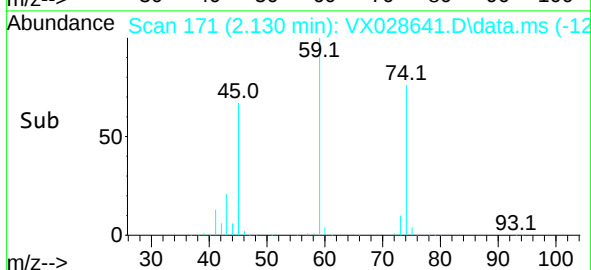
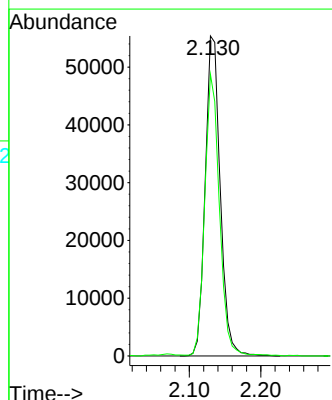
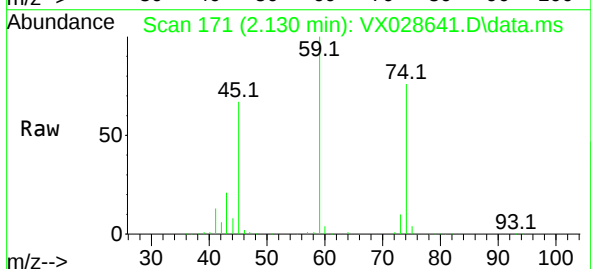
Instrument :
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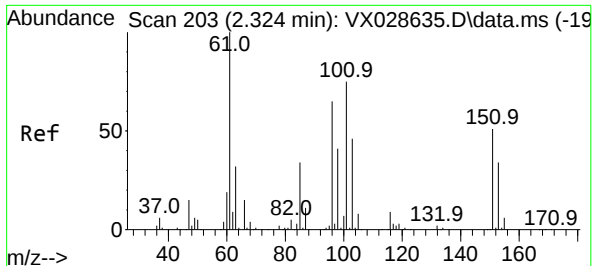
Tgt Ion:101 Resp: 225358
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.5 75.7



#8
 Diethyl Ether
 Concen: 49.239 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.001 min
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Tgt Ion: 74 Resp: 81025
 Ion Ratio Lower Upper
 74 100
 45 86.3 42.0 126.0

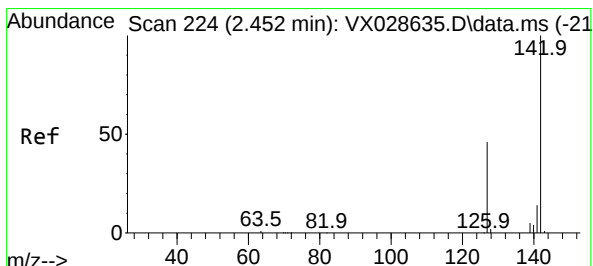
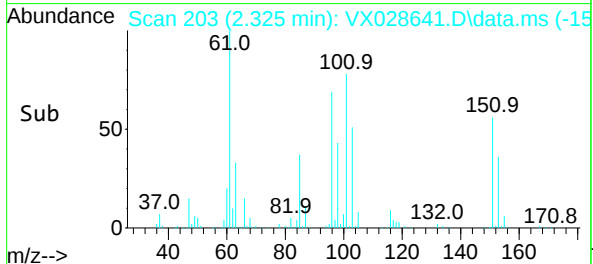
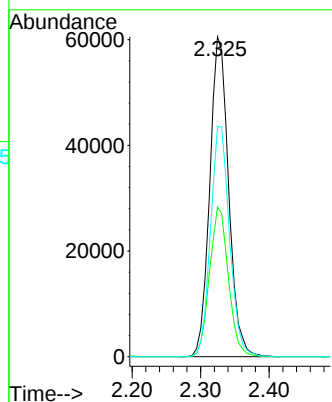
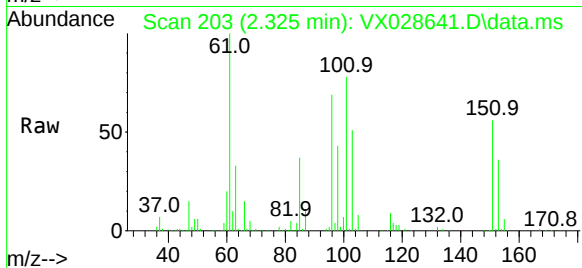




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.732 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.001 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

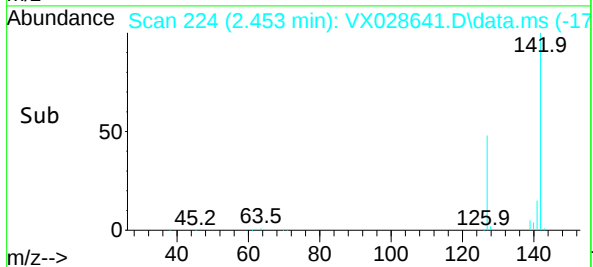
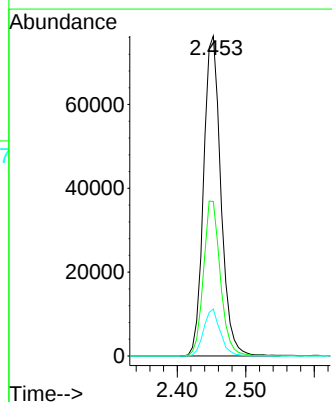
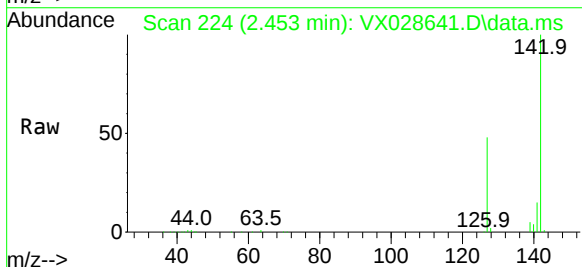
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

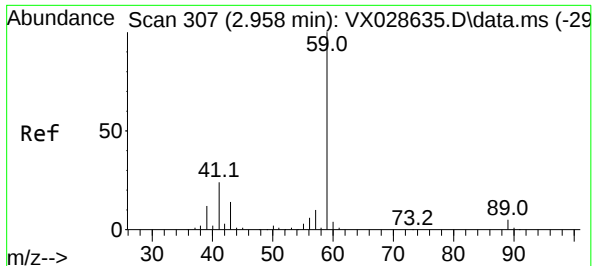
Tgt Ion:101 Resp: 115809
Ion Ratio Lower Upper
101 100
85 46.8 33.5 50.3
151 72.8 61.8 92.6



#10
Methyl Iodide
Concen: 47.151 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

Tgt Ion:142 Resp: 134153
Ion Ratio Lower Upper
142 100
127 47.2 33.9 50.9
141 14.1 11.4 17.2

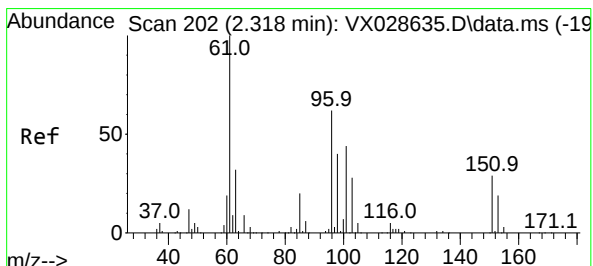
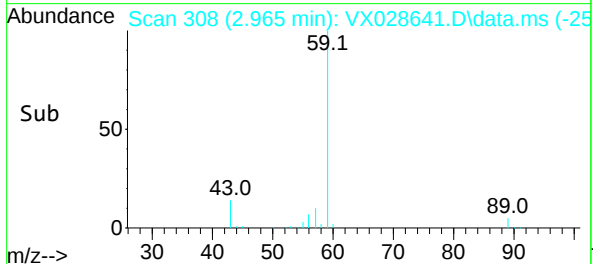
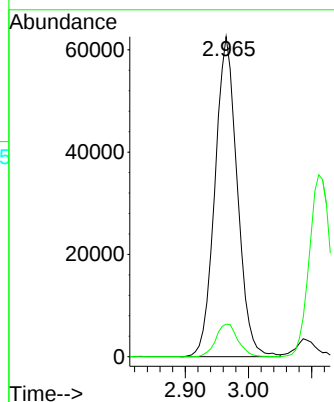
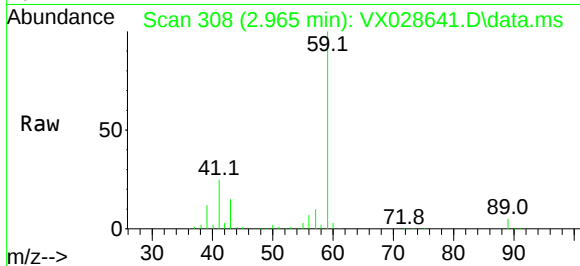




#11
Tert butyl alcohol
Concen: 246.740 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.007 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

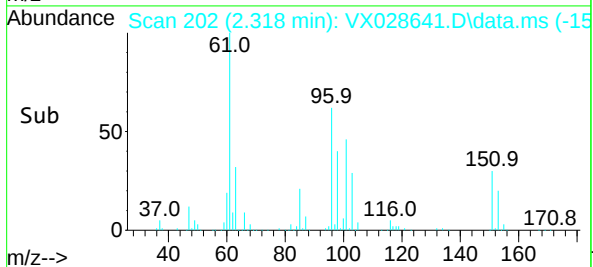
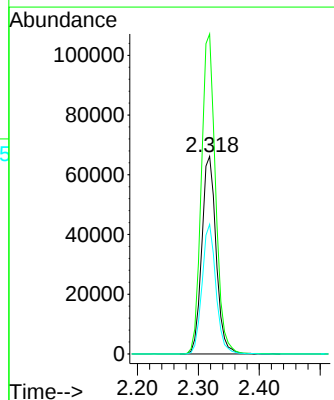
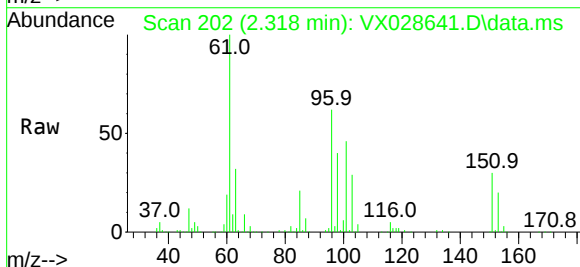
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

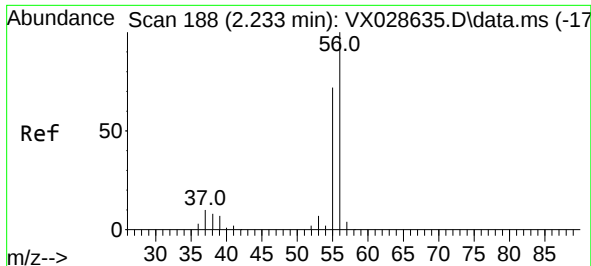
Tgt Ion: 59 Resp: 153059
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5



#12
1,1-Dichloroethene
Concen: 49.092 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

Tgt Ion: 96 Resp: 108297
Ion Ratio Lower Upper
96 100
61 162.0 124.6 187.0
98 65.6 51.0 76.4

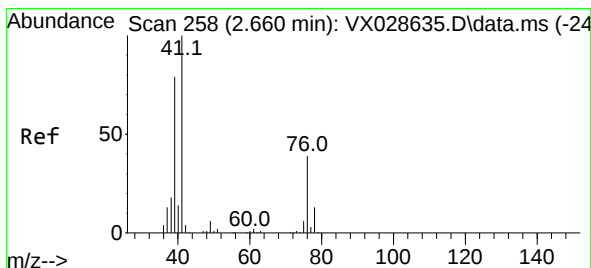
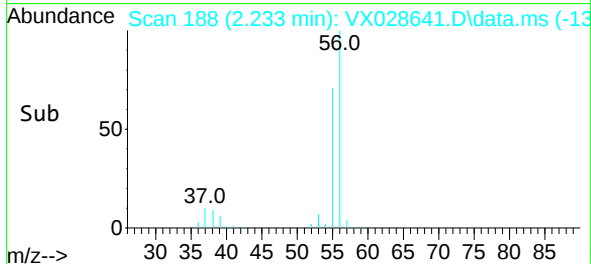
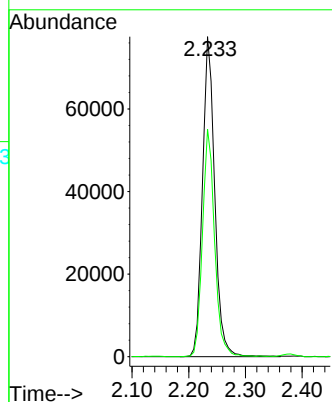
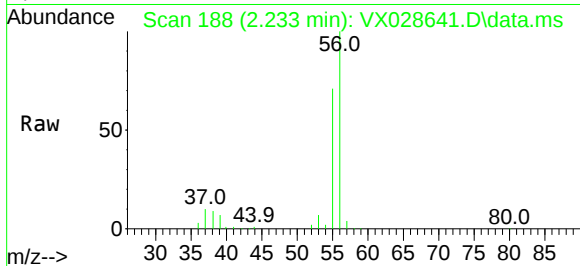




#13
Acrolein
Concen: 243.104 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

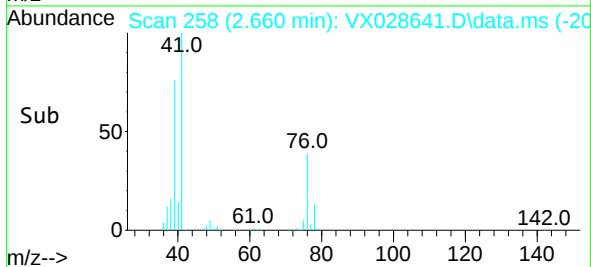
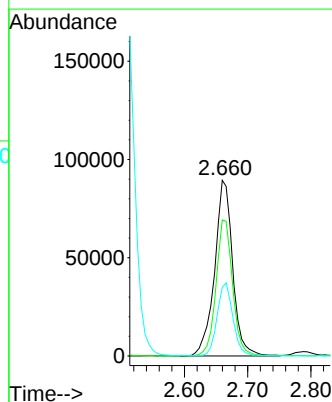
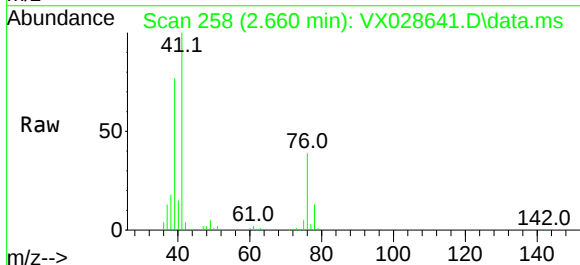
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 116587
Ion Ratio Lower Upper
56 100
55 70.5 55.0 82.6



#14
Allyl chloride
Concen: 50.264 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

Tgt Ion: 41 Resp: 177840
Ion Ratio Lower Upper
41 100
39 70.9 50.4 75.6
76 36.1 32.7 49.1

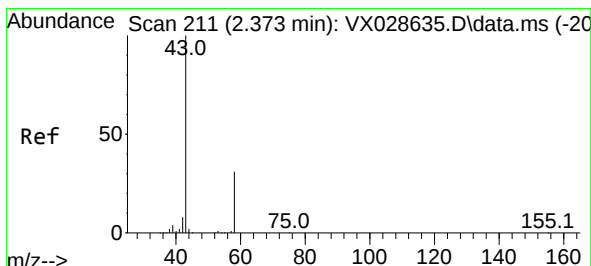
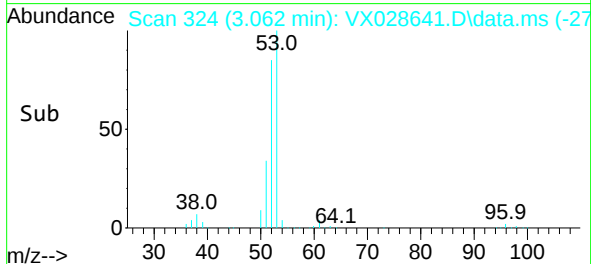
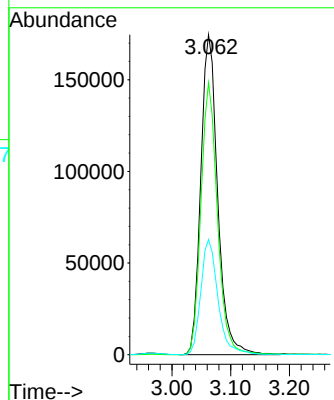
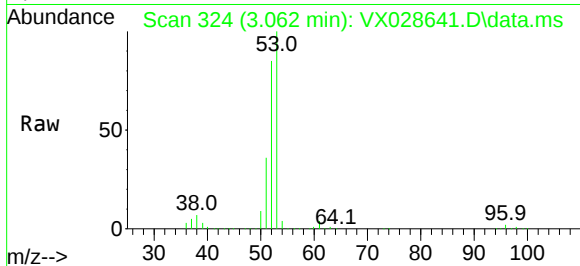




#15
Acrylonitrile
Concen: 247.951 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

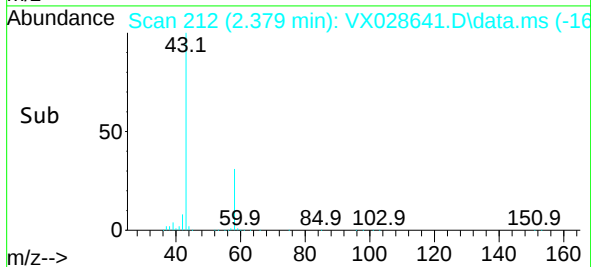
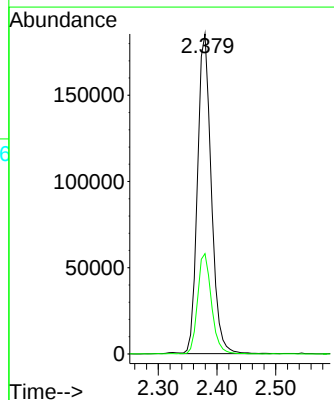
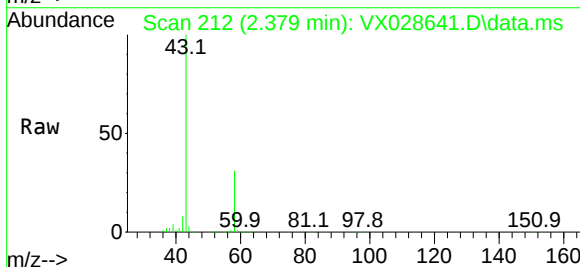
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

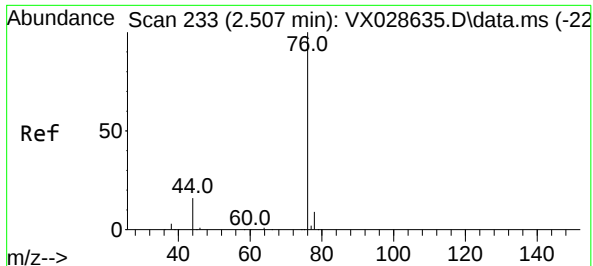
Tgt Ion: 53 Resp: 349047
Ion Ratio Lower Upper
53 100
52 83.0 65.7 98.5
51 36.6 28.4 42.6



#16
Acetone
Concen: 240.023 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

Tgt Ion: 43 Resp: 300979
Ion Ratio Lower Upper
43 100
58 31.3 28.8 43.2





#17

Carbon Disulfide

Concen: 49.371 ug/l

RT: 2.507 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX028641.D

Acq: 12 May 2022 16:12

Instrument :

MSVOA_X

ClientSampleId :

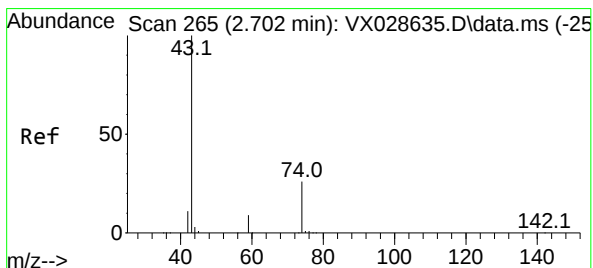
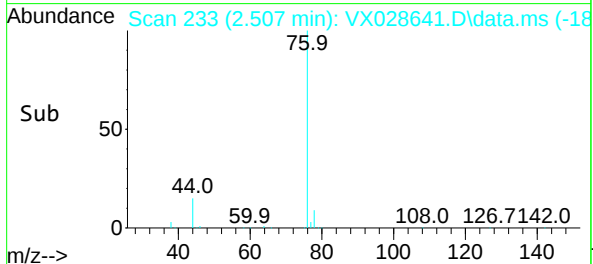
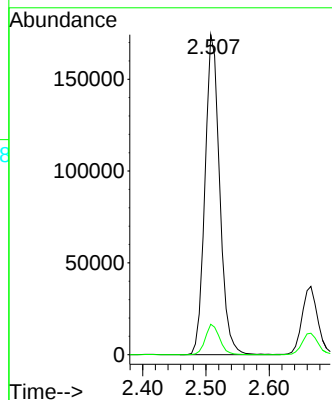
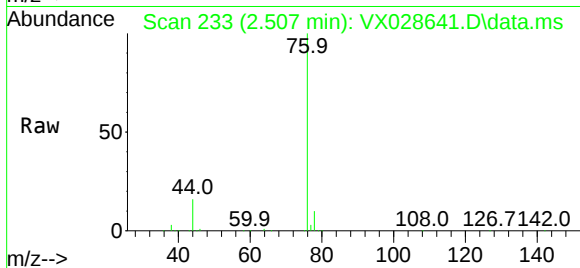
VSTDCCC050

Tgt Ion: 76 Resp: 282325

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8



#18

Methyl Acetate

Concen: 49.224 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.001 min

Lab File: VX028641.D

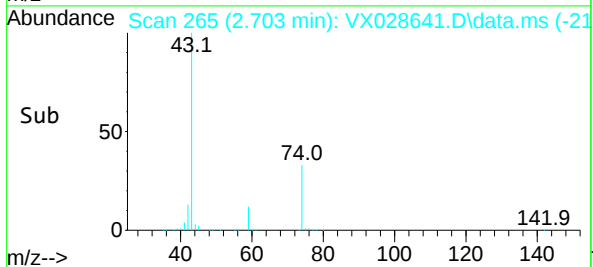
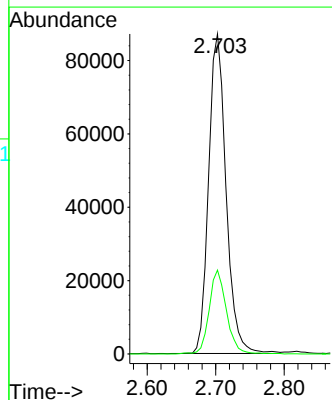
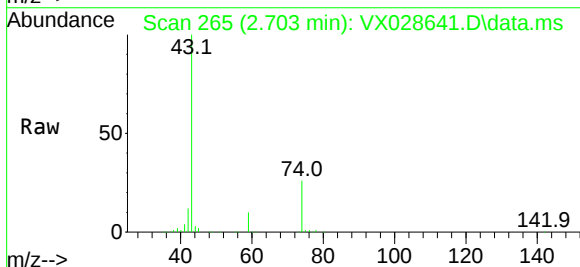
Acq: 12 May 2022 16:12

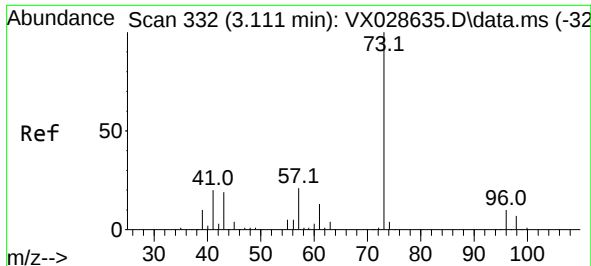
Tgt Ion: 43 Resp: 154597

Ion Ratio Lower Upper

43 100

74 26.0 22.8 34.2

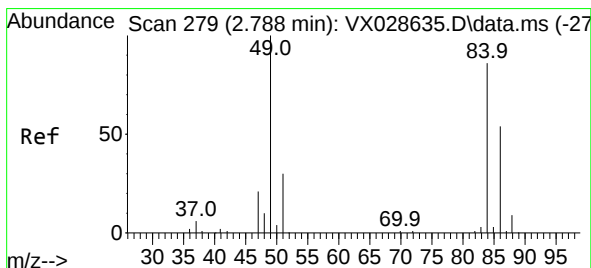
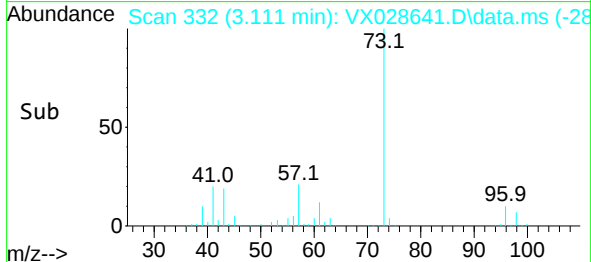
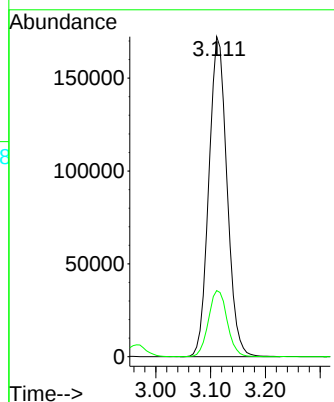
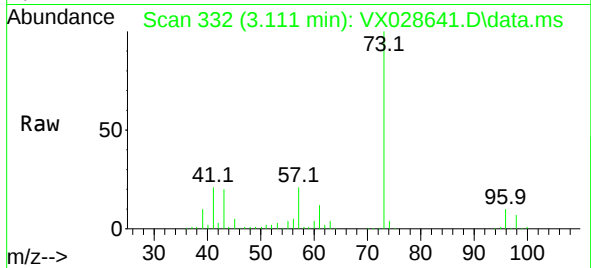




#19
Methyl tert-butyl Ether
Concen: 50.538 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

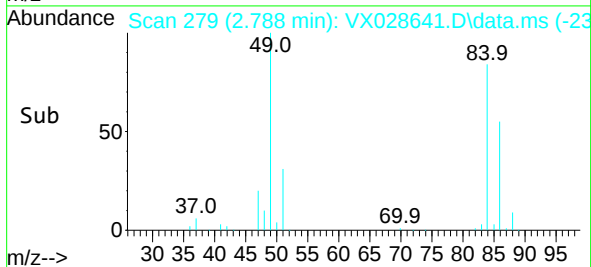
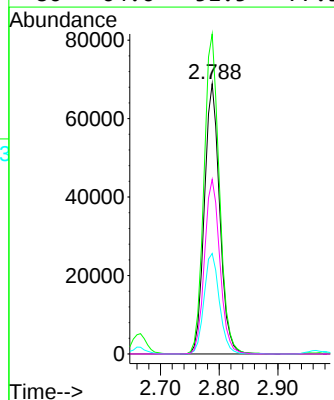
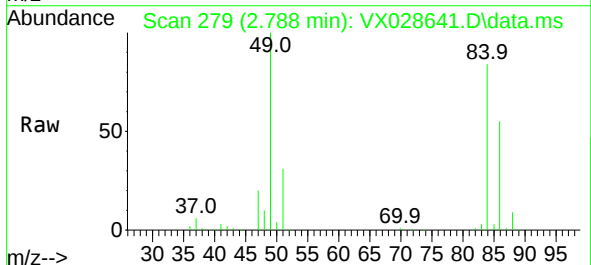
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

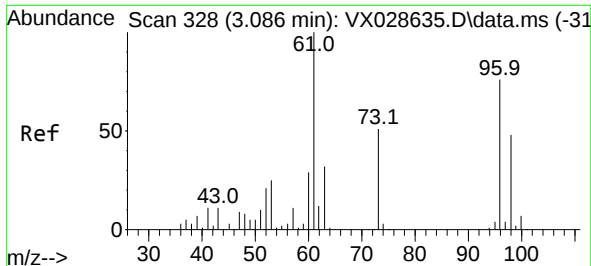
Tgt Ion: 73 Resp: 395624
Ion Ratio Lower Upper
73 100
57 20.6 16.8 25.2



#20
Methylene Chloride
Concen: 47.421 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

Tgt Ion: 84 Resp: 124752
Ion Ratio Lower Upper
84 100
49 118.4 85.5 128.3
51 37.2 26.6 39.8
86 64.6 51.5 77.3

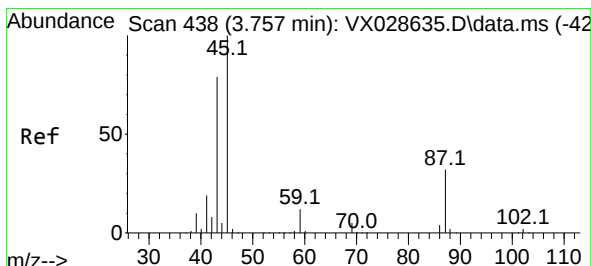
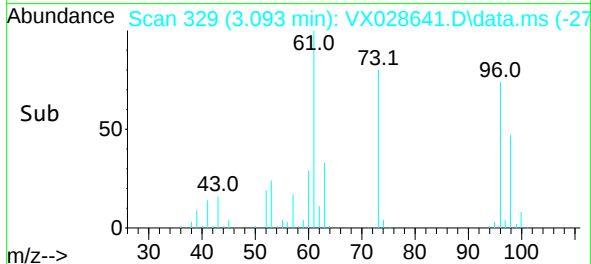
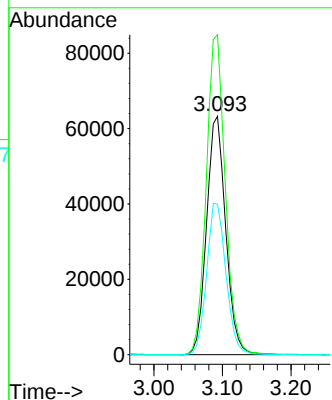
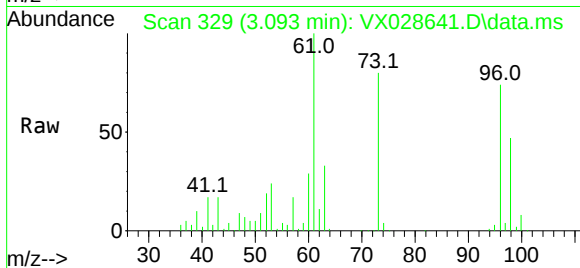




#21
trans-1,2-Dichloroethene
Concen: 49.474 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

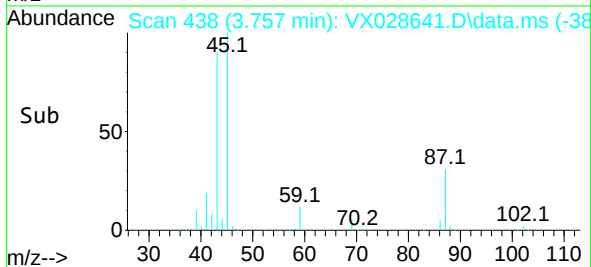
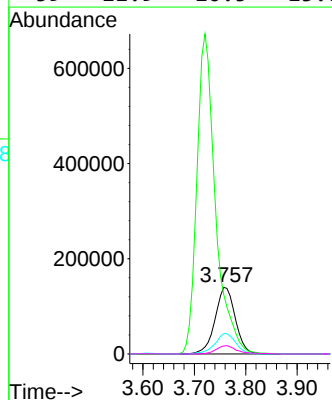
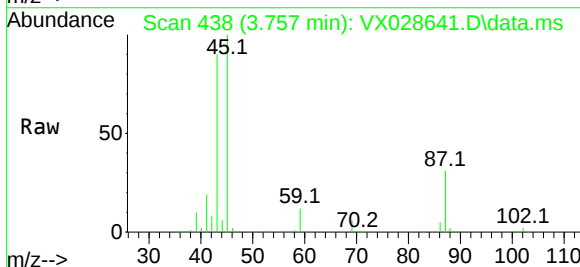
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

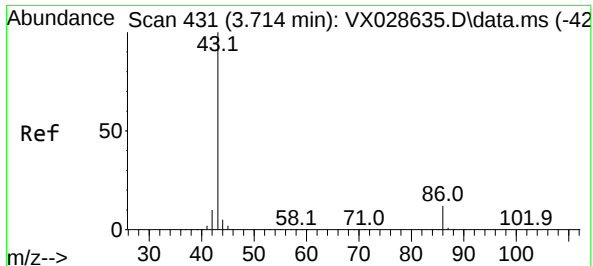
Tgt Ion: 96 Resp: 122935
Ion Ratio Lower Upper
96 100
61 134.2 105.4 158.2
98 63.2 50.0 75.0



#22
Diisopropyl ether
Concen: 50.482 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

Tgt Ion: 45 Resp: 381691
Ion Ratio Lower Upper
45 100
43 89.0 50.8 76.2#
87 30.5 26.6 39.8
59 11.9 10.5 15.7

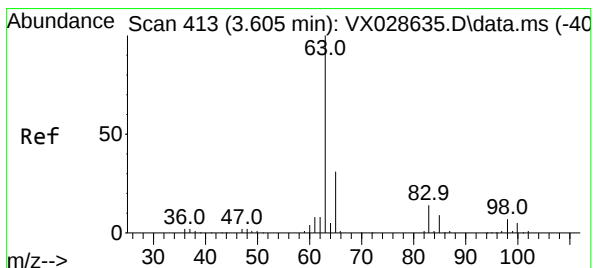
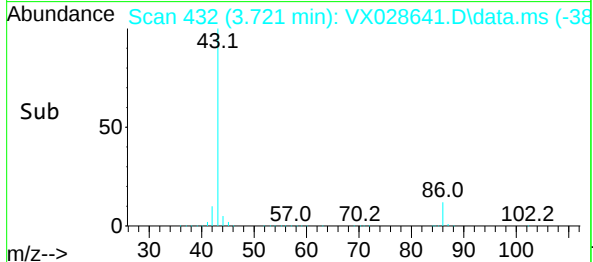
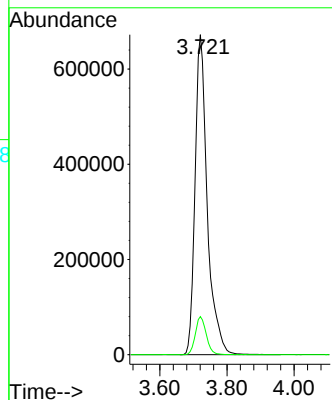
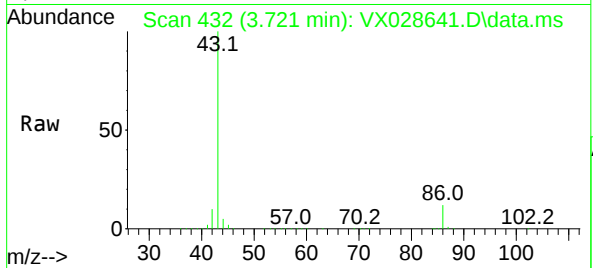




#23
 Vinyl Acetate
 Concen: 260.146 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VX028641.D
 Acq: 12 May 2022 16:12

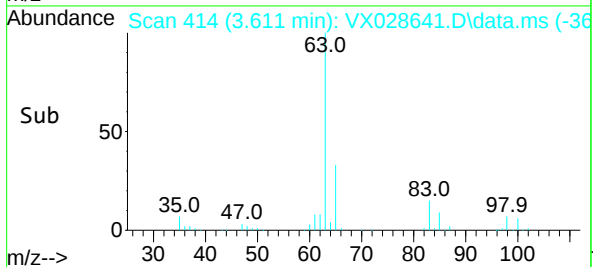
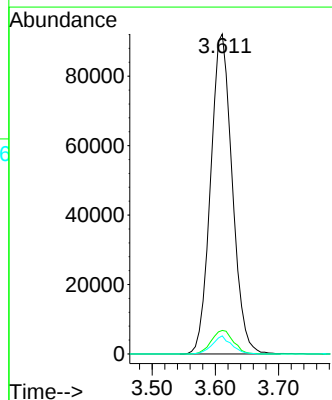
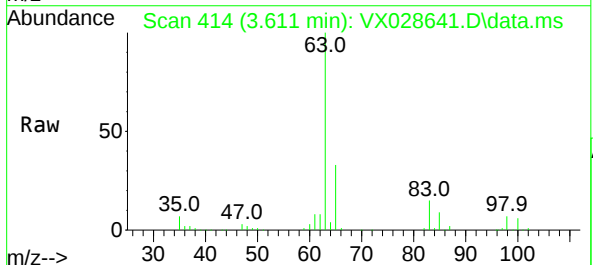
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

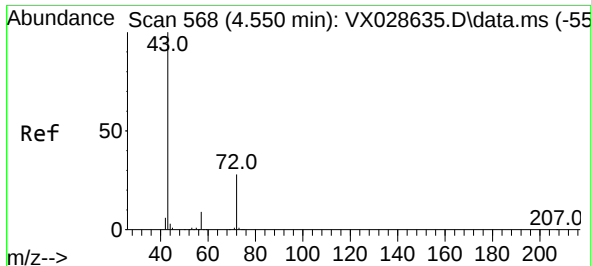
Tgt Ion: 43 Resp: 1695658
 Ion Ratio Lower Upper
 43 100
 86 11.9 10.8 16.2



#24
 1,1-Dichloroethane
 Concen: 49.725 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX028641.D
 Acq: 12 May 2022 16:12

Tgt Ion: 63 Resp: 218569
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 5.6 2.4 7.2

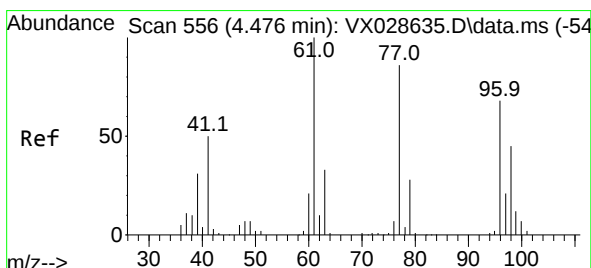
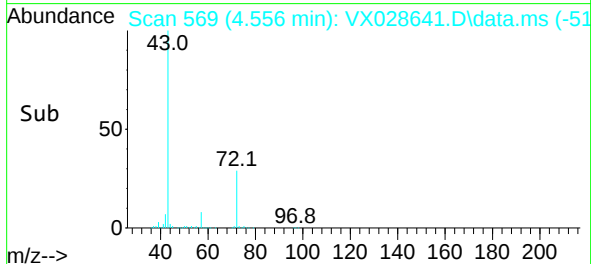
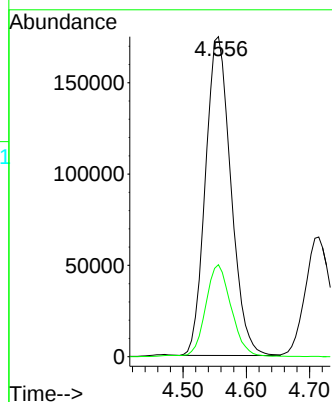
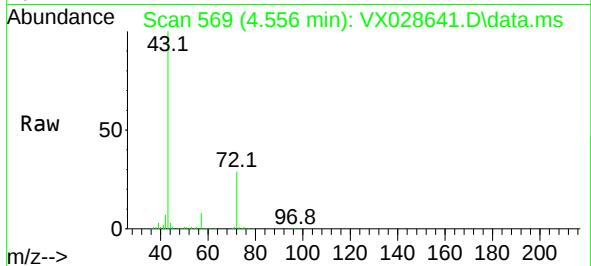




#25
2-Butanone
Concen: 248.324 ug/l
RT: 4.556 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

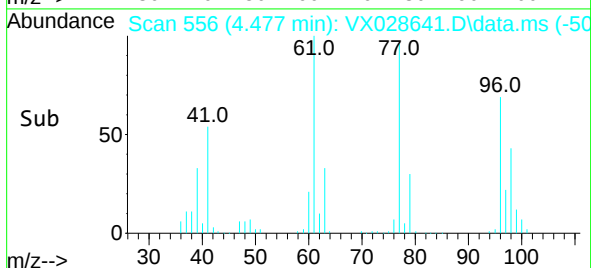
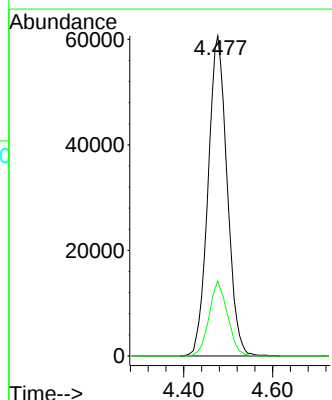
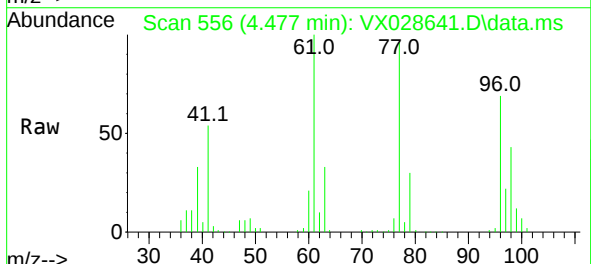
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

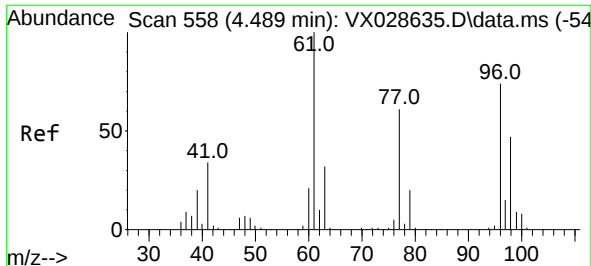
Tgt Ion: 43 Resp: 488777
Ion Ratio Lower Upper
43 100
72 28.7 24.4 36.6



#26
2,2-Dichloropropane
Concen: 52.421 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.001 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

Tgt Ion: 77 Resp: 180664
Ion Ratio Lower Upper
77 100
97 22.6 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 49.465 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX028641.D

Acq: 12 May 2022 16:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

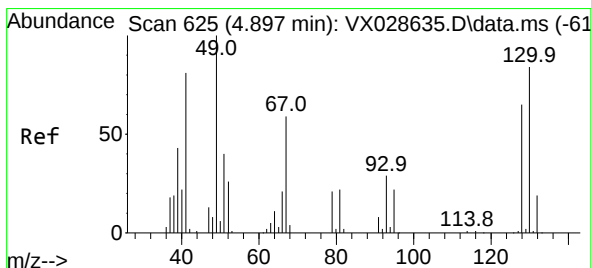
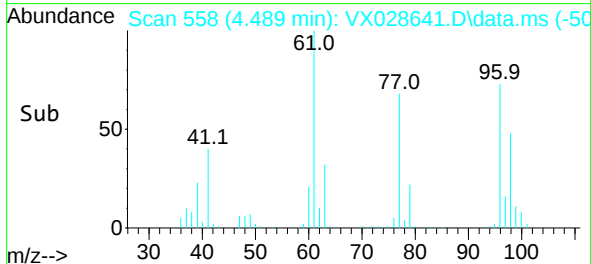
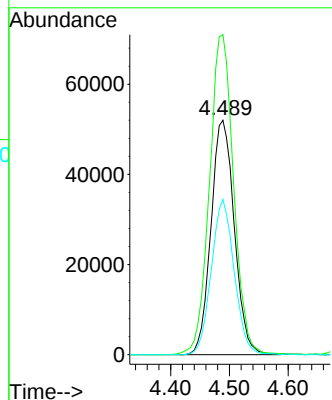
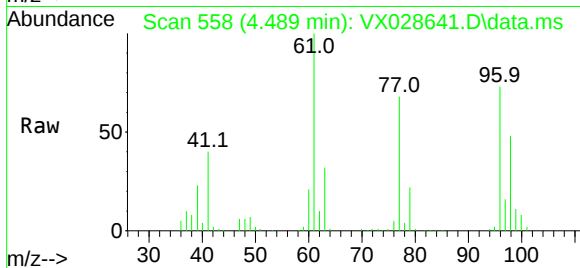
Tgt Ion: 96 Resp: 143554

Ion Ratio Lower Upper

96 100

61 141.3 0.0 283.8

98 64.9 0.0 129.8



#28

Bromochloromethane

Concen: 50.373 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX028641.D

Acq: 12 May 2022 16:12

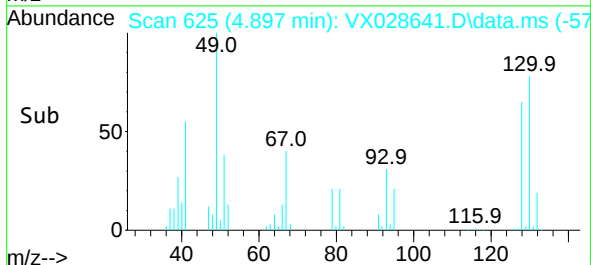
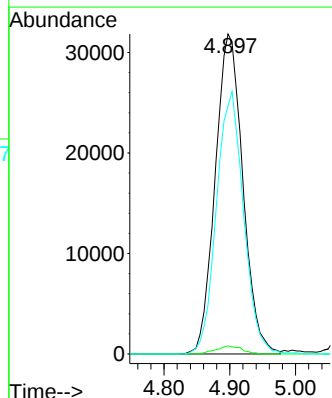
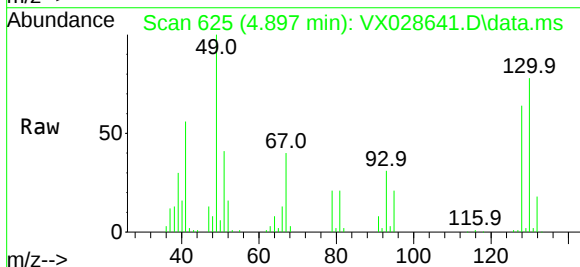
Tgt Ion: 49 Resp: 93200

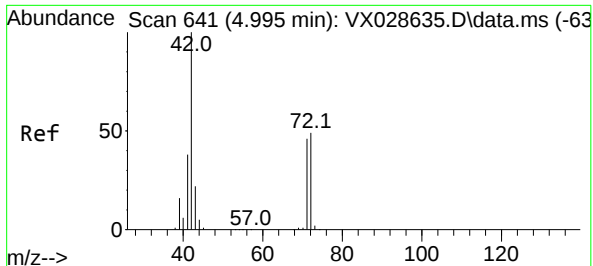
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 80.6 70.7 106.1





#29

Tetrahydrofuran

Concen: 247.832 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX028641.D

Acq: 12 May 2022 16:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

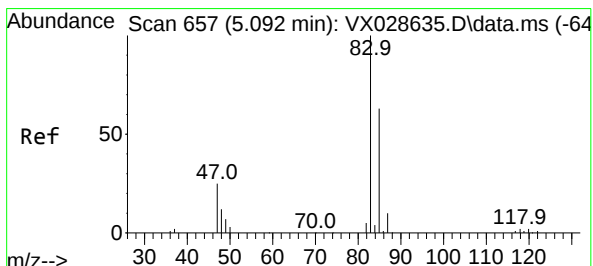
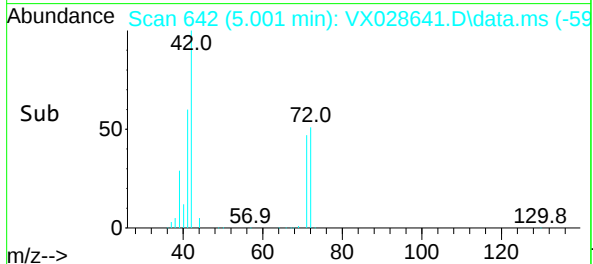
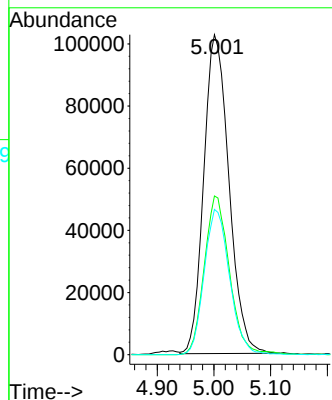
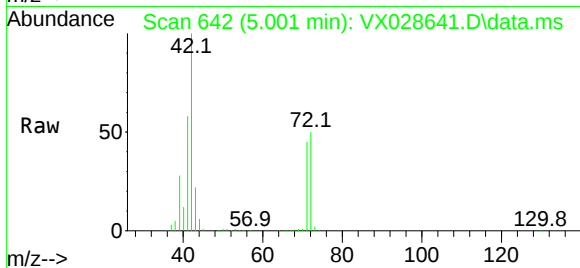
Tgt Ion: 42 Resp: 317082

Ion Ratio Lower Upper

42 100

72 50.0 44.1 66.1

71 46.0 40.5 60.7



#30

Chloroform

Concen: 50.433 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX028641.D

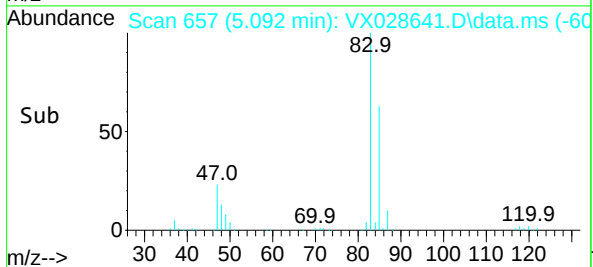
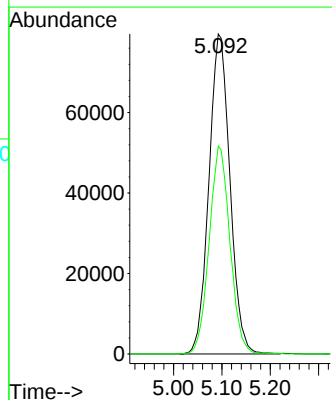
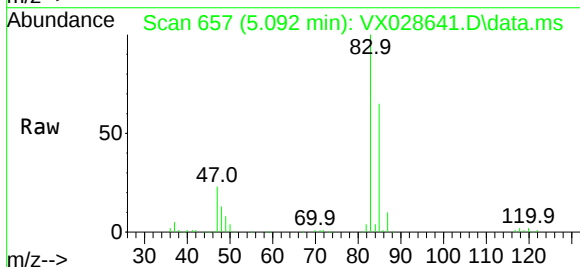
Acq: 12 May 2022 16:12

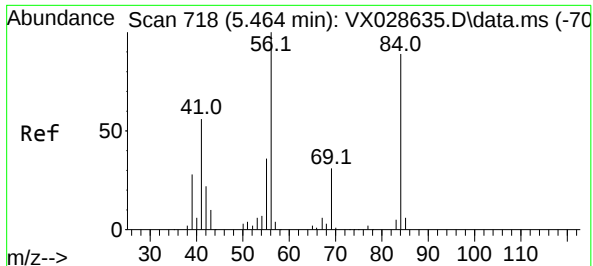
Tgt Ion: 83 Resp: 239920

Ion Ratio Lower Upper

83 100

85 65.0 52.7 79.1

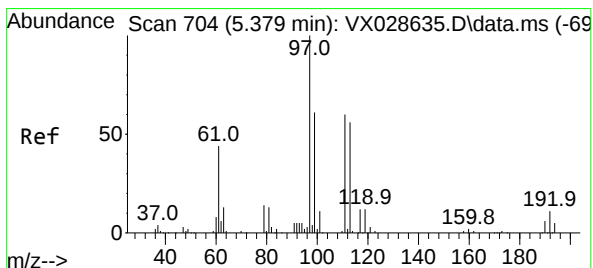
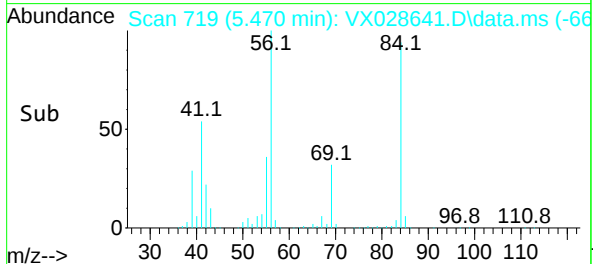
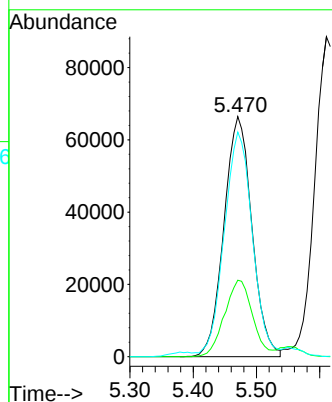
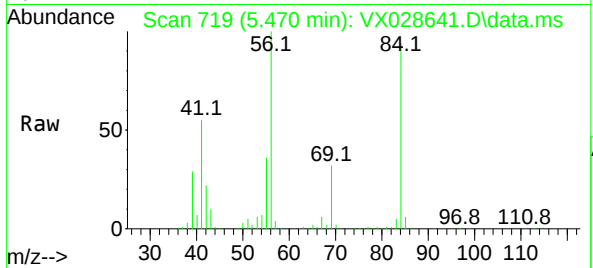




#31
Cyclohexane
Concen: 50.330 ug/l
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

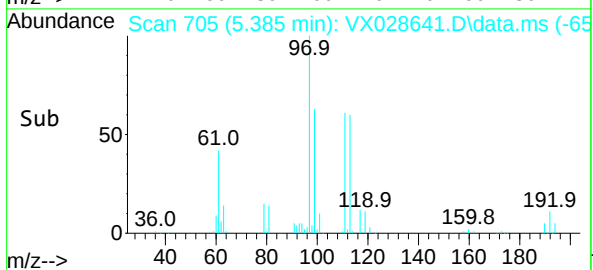
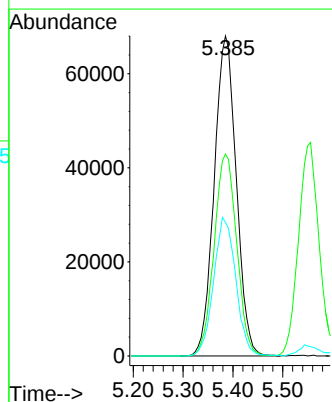
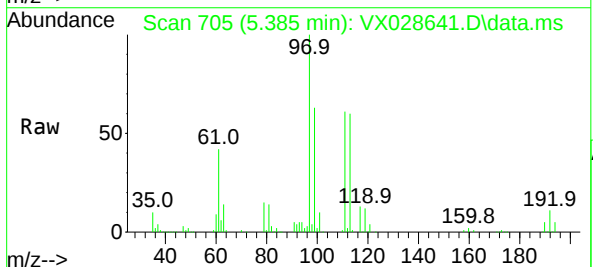
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

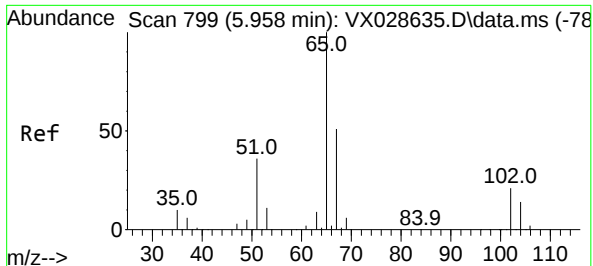
Tgt Ion: 56 Resp: 204118
Ion Ratio Lower Upper
56 100
69 31.9 26.7 40.1
84 91.6 77.2 115.8



#32
1,1,1-Trichloroethane
Concen: 50.422 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

Tgt Ion: 97 Resp: 209403
Ion Ratio Lower Upper
97 100
99 64.6 51.8 77.6
61 43.5 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 49.776 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX028641.D

Acq: 12 May 2022 16:12

Instrument :

MSVOA_X

ClientSampleId :

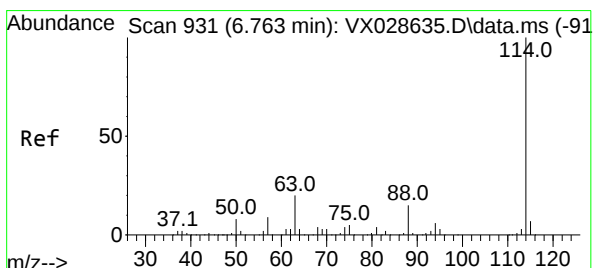
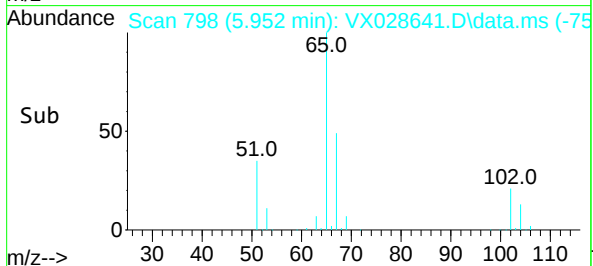
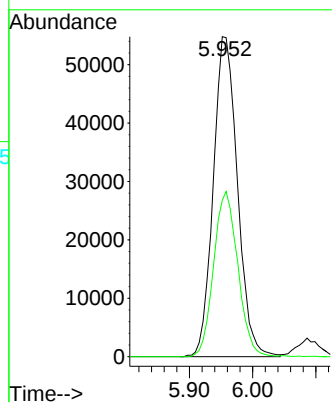
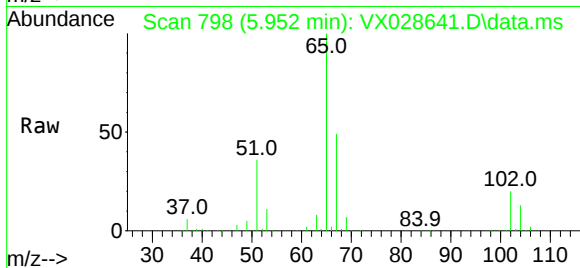
VSTDCCC050

Tgt Ion: 65 Resp: 145433

Ion Ratio Lower Upper

65 100

67 51.5 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028641.D

Acq: 12 May 2022 16:12

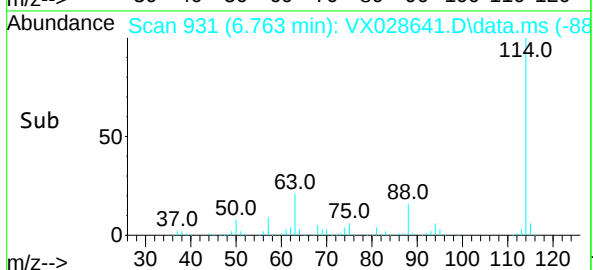
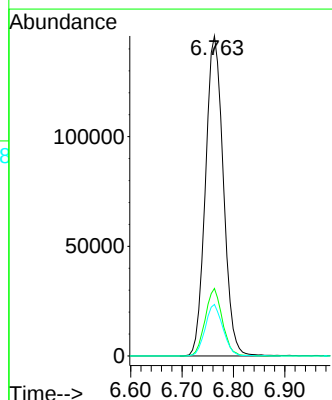
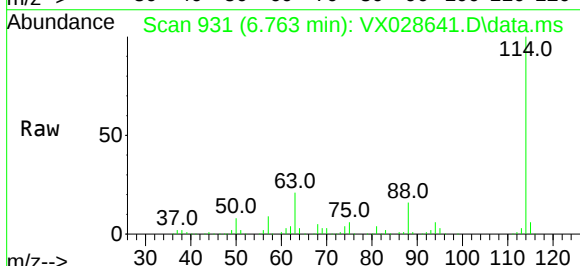
Tgt Ion: 114 Resp: 352055

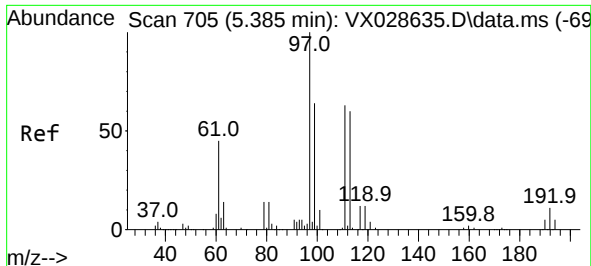
Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.8

88 16.1 0.0 32.4

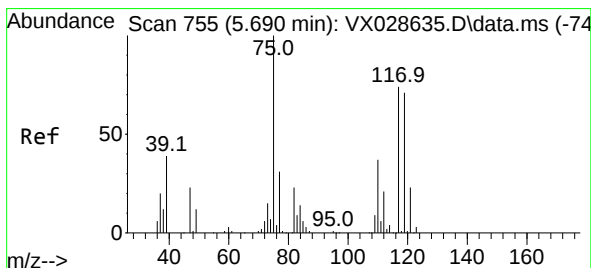
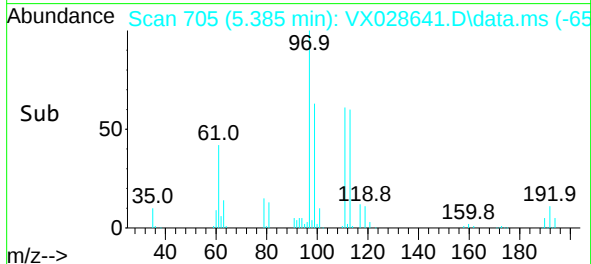
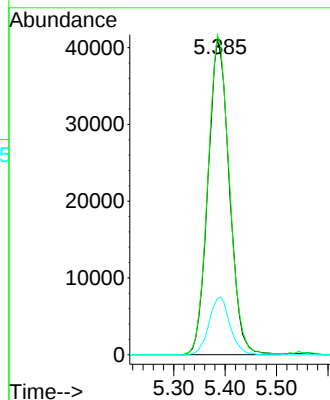
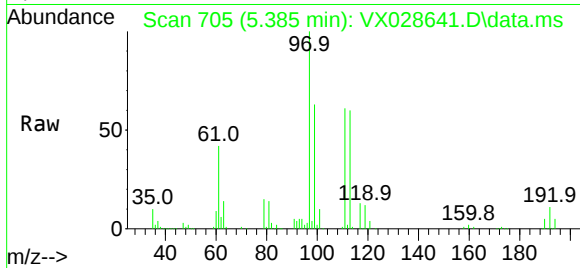




#35
Dibromofluoromethane
Concen: 51.336 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

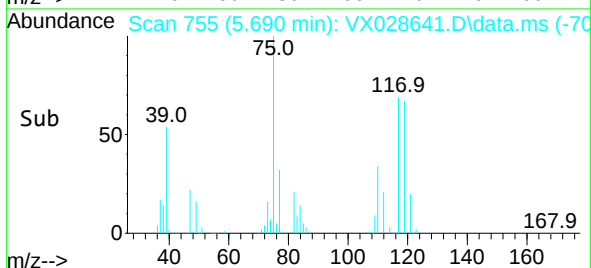
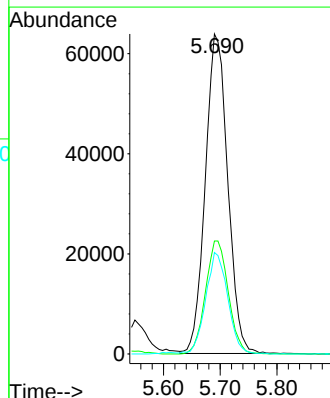
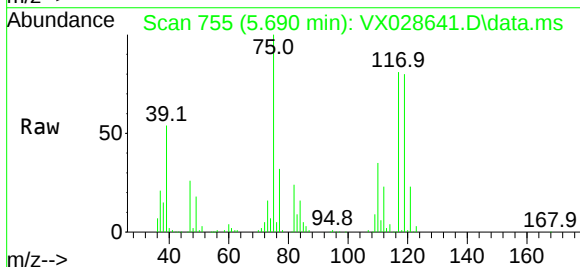
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

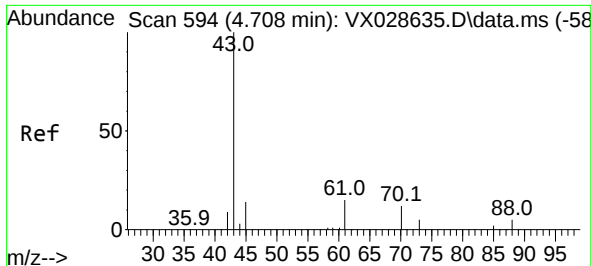
Tgt Ion:113 Resp: 118412
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 17.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 50.629 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

Tgt Ion: 75 Resp: 175405
Ion Ratio Lower Upper
75 100
110 36.0 18.3 54.8
77 31.4 24.8 37.2





#37

Ethyl Acetate

Concen: 52.805 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX028641.D

Acq: 12 May 2022 16:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

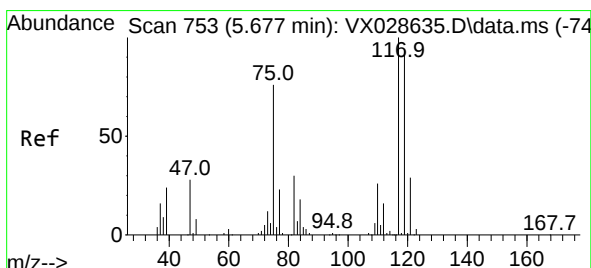
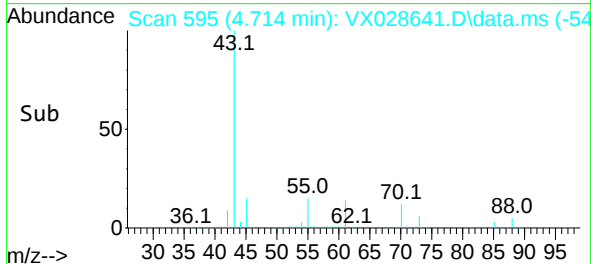
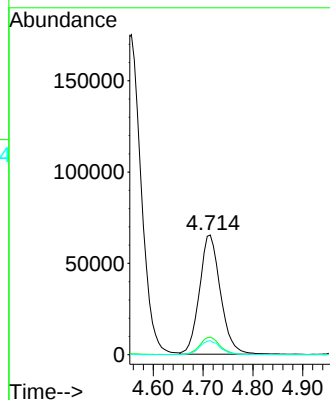
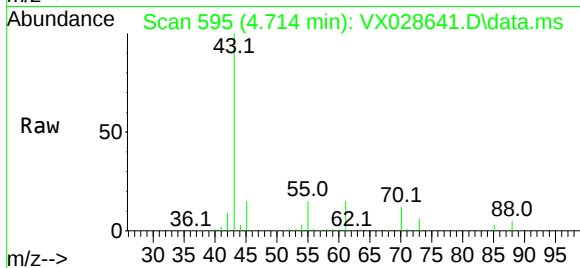
Tgt Ion: 43 Resp: 191079

Ion Ratio Lower Upper

43 100

61 13.9 12.6 19.0

70 11.4 10.2 15.2



#38

Carbon Tetrachloride

Concen: 52.368 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.001 min

Lab File: VX028641.D

Acq: 12 May 2022 16:12

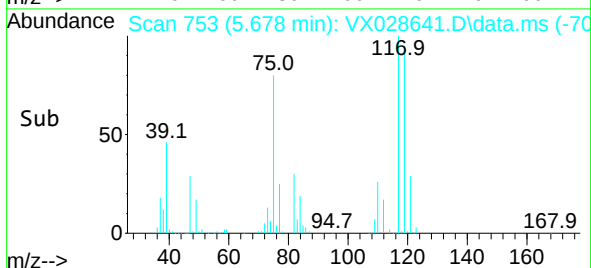
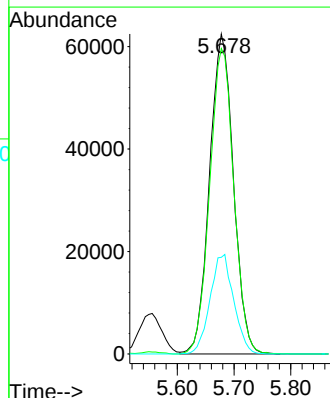
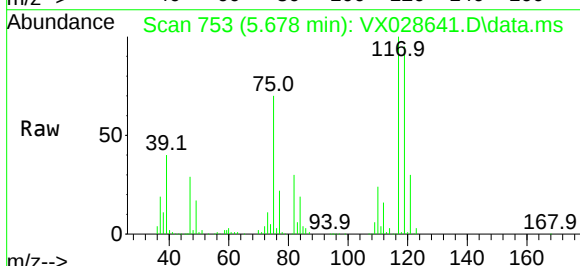
Tgt Ion: 117 Resp: 182585

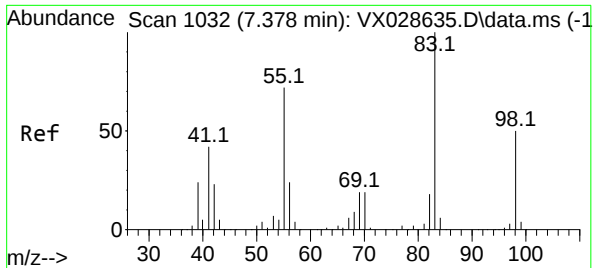
Ion Ratio Lower Upper

117 100

119 95.5 77.3 115.9

121 30.2 24.2 36.2

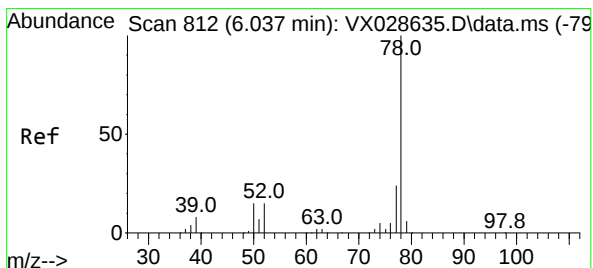
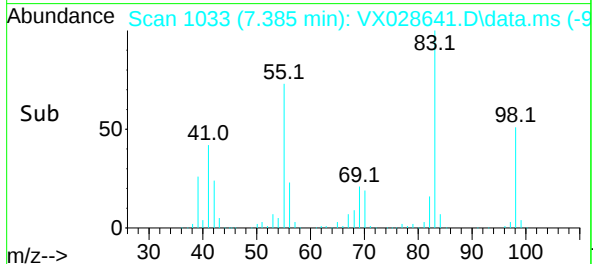
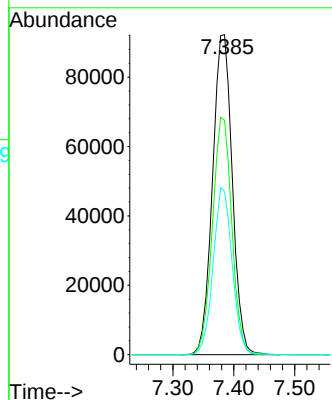
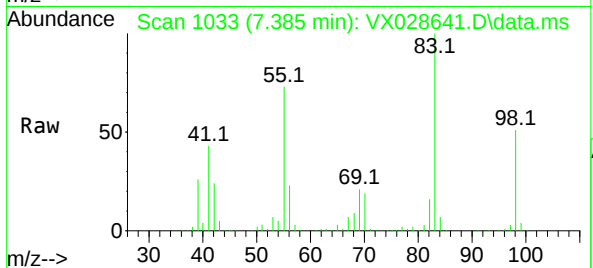




#39
Methylcyclohexane
Concen: 52.282 ug/l
RT: 7.385 min Scan# 10
Delta R.T. 0.007 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

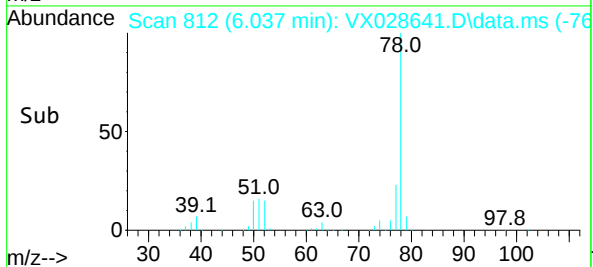
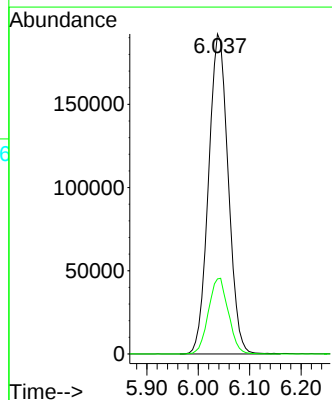
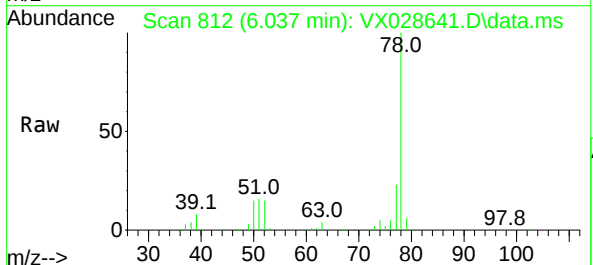
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

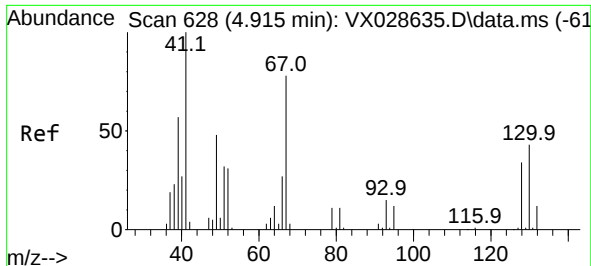
Tgt Ion: 83 Resp: 207723
Ion Ratio Lower Upper
83 100
55 73.3 54.6 81.8
98 51.0 37.4 56.2



#40
Benzene
Concen: 51.294 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

Tgt Ion: 78 Resp: 510727
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9

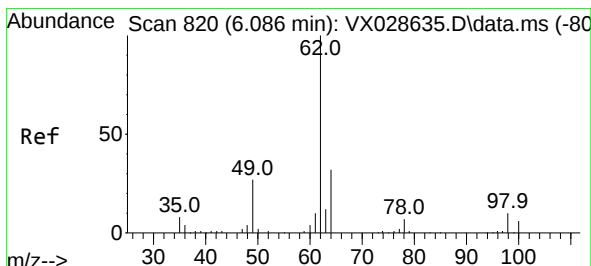
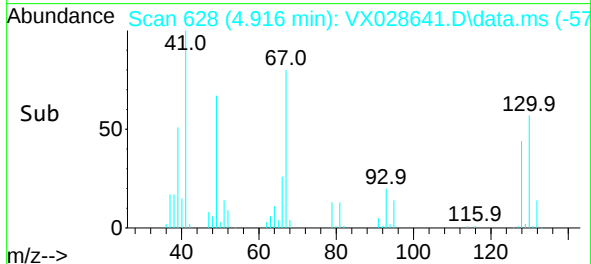
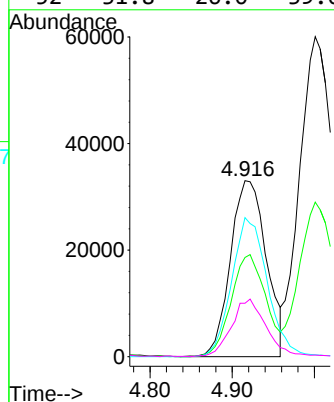
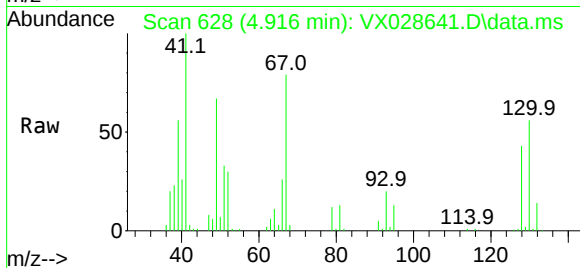




#41
Methacrylonitrile
Concen: 51.856 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

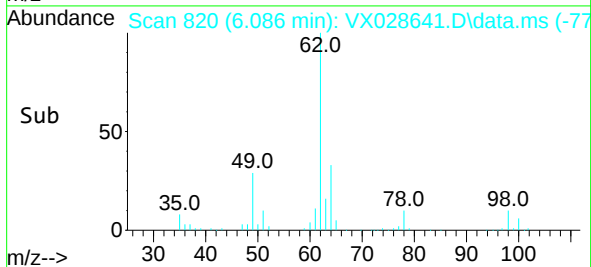
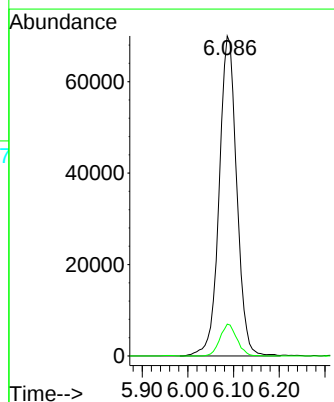
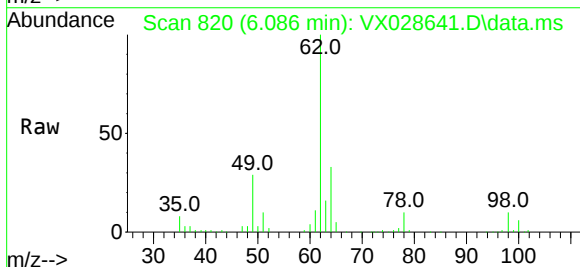
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

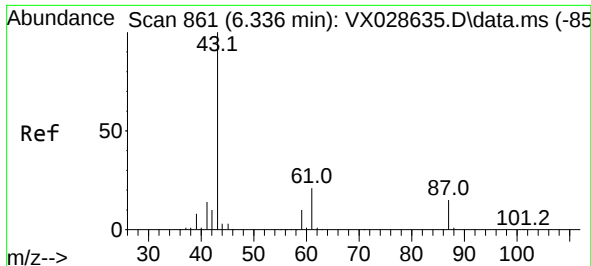
Tgt Ion: 41 Resp: 100612
Ion Ratio Lower Upper
41 100
39 55.8 43.0 64.4
67 78.6 70.2 105.4
52 31.8 26.0 39.0



#42
1,2-Dichloroethane
Concen: 50.902 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

Tgt Ion: 62 Resp: 186945
Ion Ratio Lower Upper
62 100
98 9.6 0.0 20.4





#43

Isopropyl Acetate

Concen: 52.799 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX028641.D

Acq: 12 May 2022 16:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

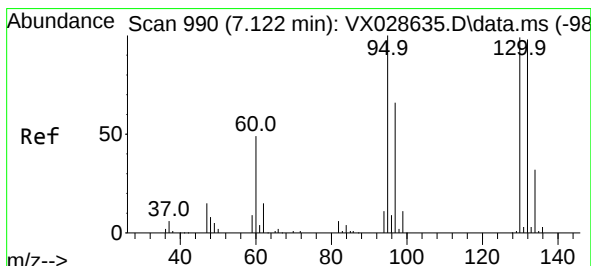
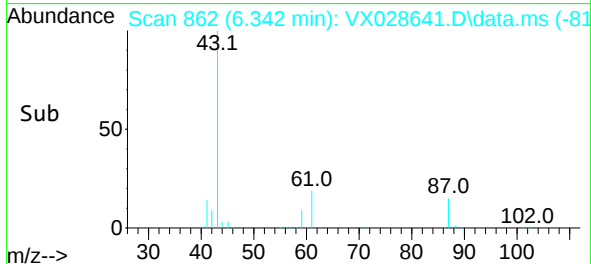
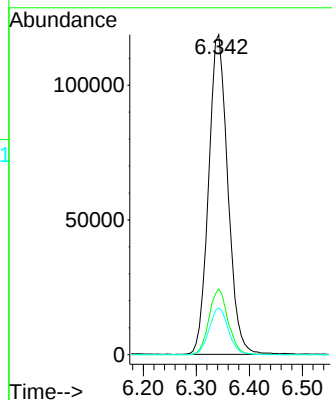
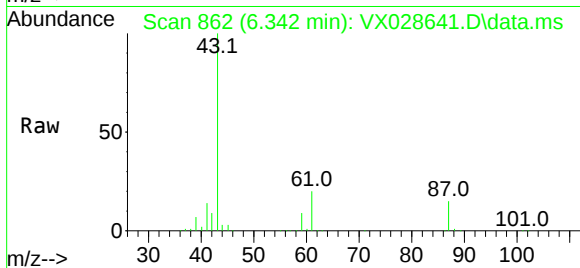
Tgt Ion: 43 Resp: 298900

Ion Ratio Lower Upper

43 100

61 20.3 18.5 27.7

87 14.6 13.0 19.6



#44

Trichloroethene

Concen: 51.708 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.007 min

Lab File: VX028641.D

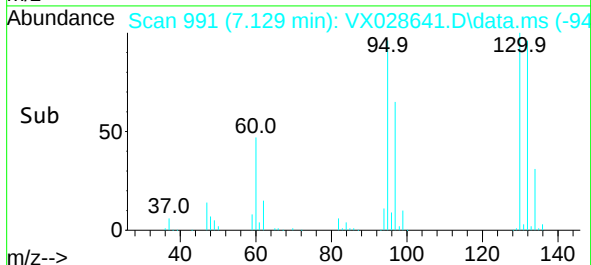
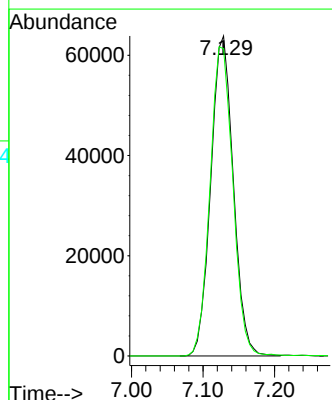
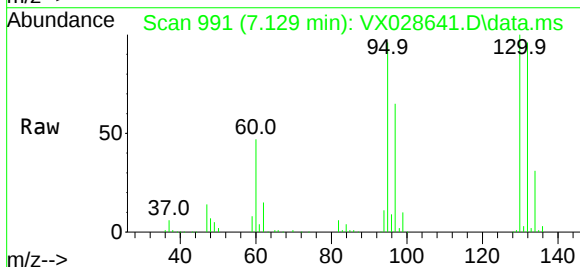
Acq: 12 May 2022 16:12

Tgt Ion:130 Resp: 139630

Ion Ratio Lower Upper

130 100

95 96.0 0.0 188.8





#45

1,2-Dichloropropane

Concen: 50.968 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX028641.D

Acq: 12 May 2022 16:12

Instrument :

MSVOA_X

ClientSampleId :

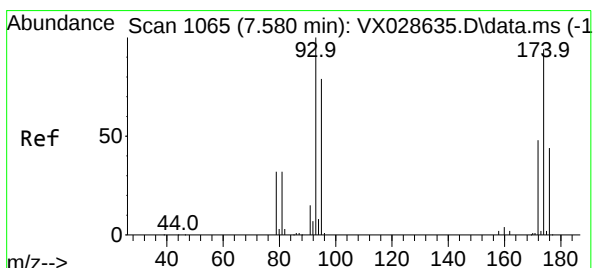
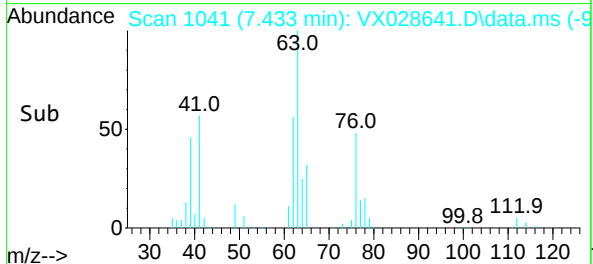
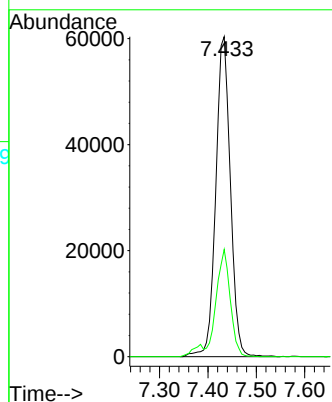
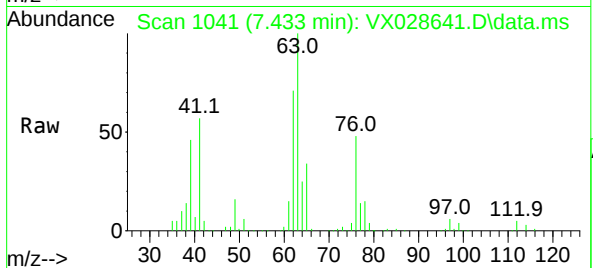
VSTDCCC050

Tgt Ion: 63 Resp: 126615

Ion Ratio Lower Upper

63 100

65 33.5 25.8 38.6



#46

Dibromomethane

Concen: 51.273 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX028641.D

Acq: 12 May 2022 16:12

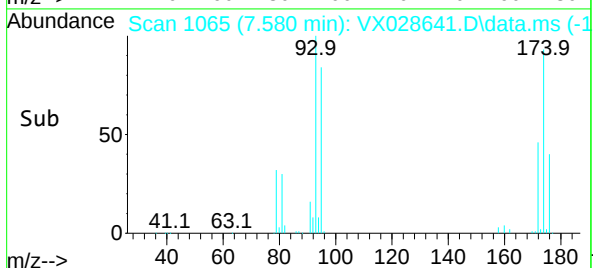
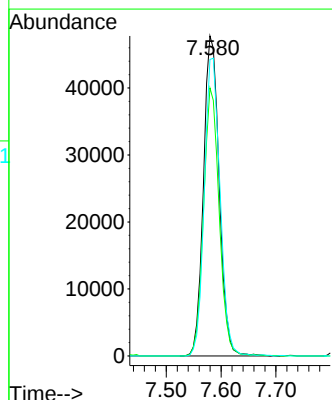
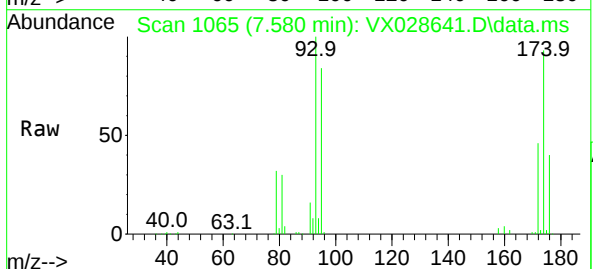
Tgt Ion: 93 Resp: 95121

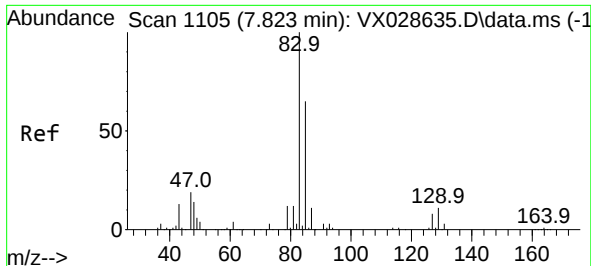
Ion Ratio Lower Upper

93 100

95 82.7 65.8 98.6

174 93.1 85.4 128.2

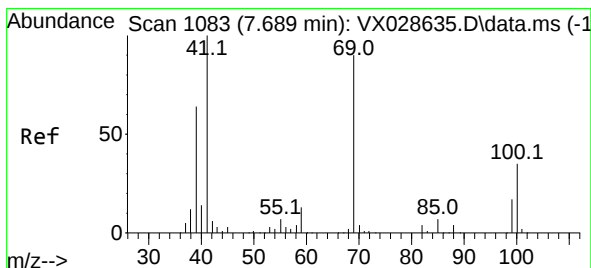
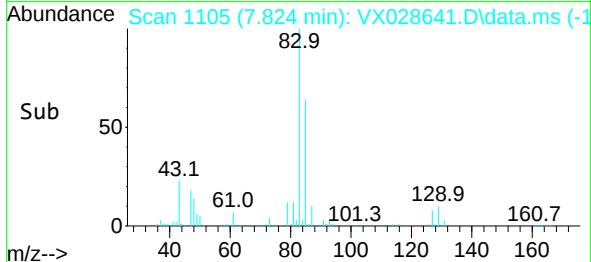
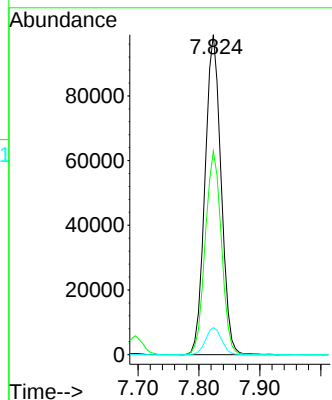
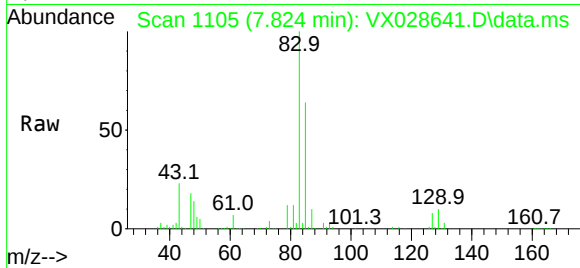




#47
Bromodichloromethane
Concen: 52.529 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

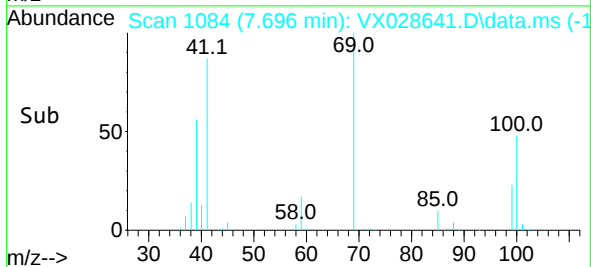
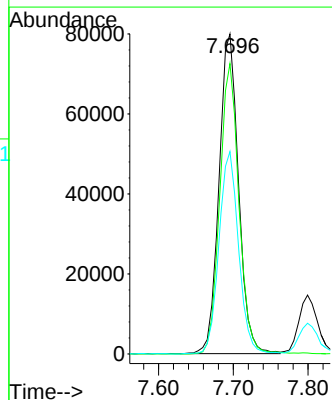
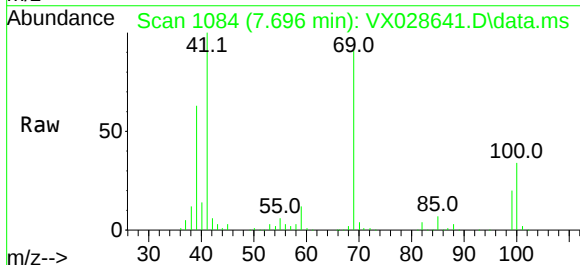
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

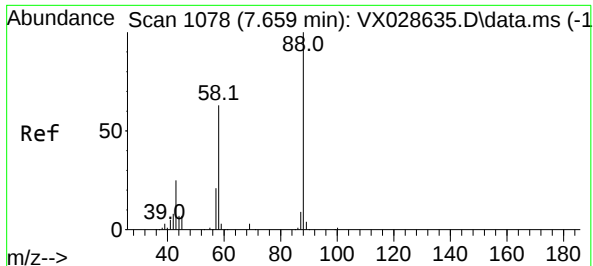
Tgt Ion: 83 Resp: 180926
Ion Ratio Lower Upper
83 100
85 63.6 52.2 78.2
127 8.5 6.8 10.2



#48
Methyl methacrylate
Concen: 53.050 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.007 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

Tgt Ion: 41 Resp: 145078
Ion Ratio Lower Upper
41 100
69 89.7 82.5 123.7
39 63.9 43.8 65.8





#49

1,4-Dioxane

Concen: 1014.773 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX028641.D

Acq: 12 May 2022 16:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

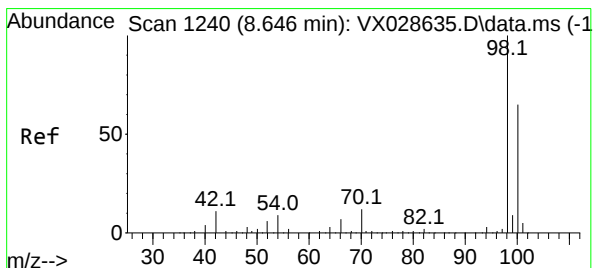
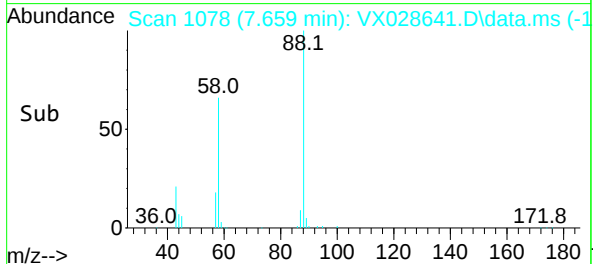
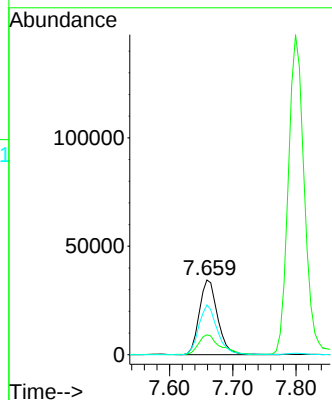
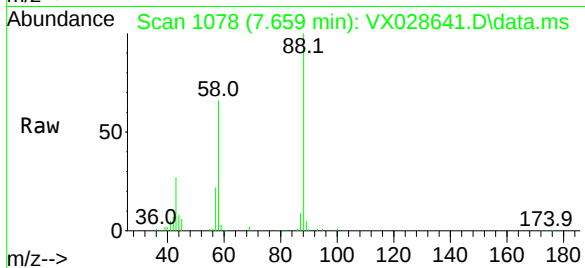
Tgt Ion: 88 Resp: 69328

Ion Ratio Lower Upper

88 100

43 31.6 21.9 32.9

58 67.3 53.7 80.5



#50

Toluene-d8

Concen: 51.394 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028641.D

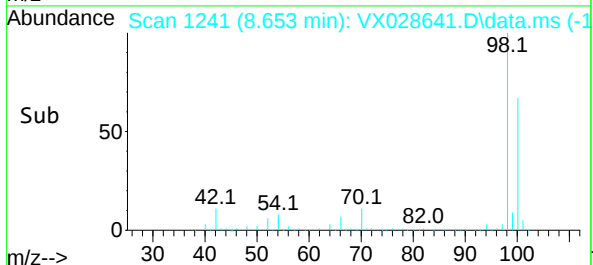
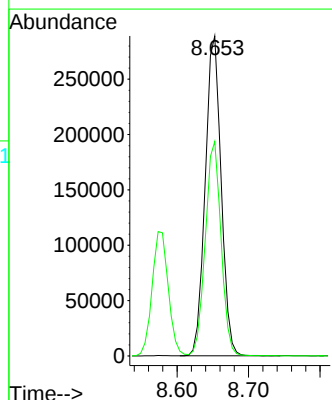
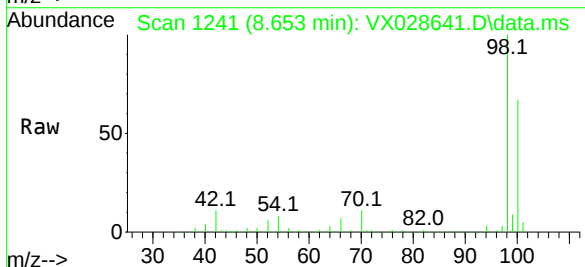
Acq: 12 May 2022 16:12

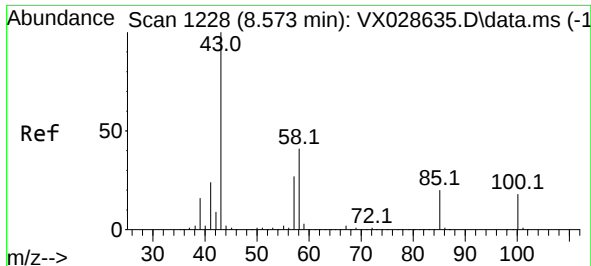
Tgt Ion: 98 Resp: 446941

Ion Ratio Lower Upper

98 100

100 66.5 52.6 78.8

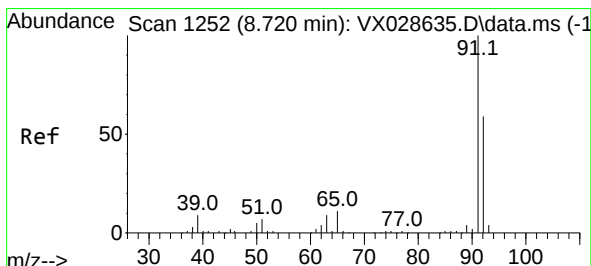
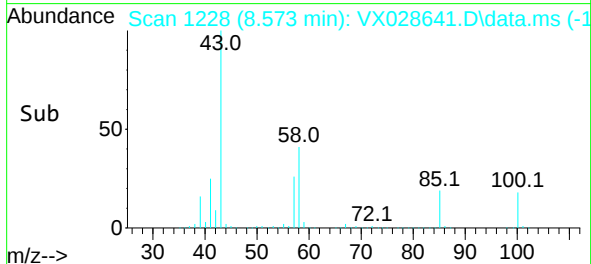
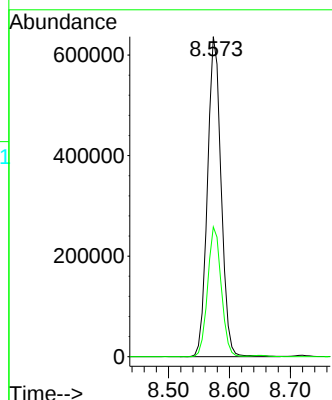
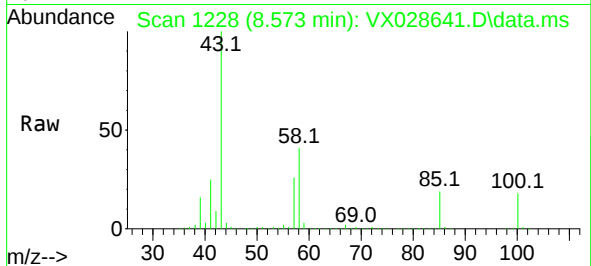




#51
4-Methyl-2-Pentanone
Concen: 265.615 ug/l
RT: 8.573 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

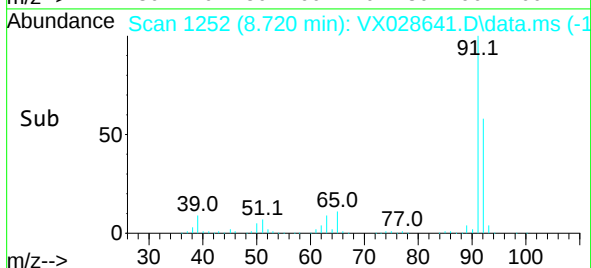
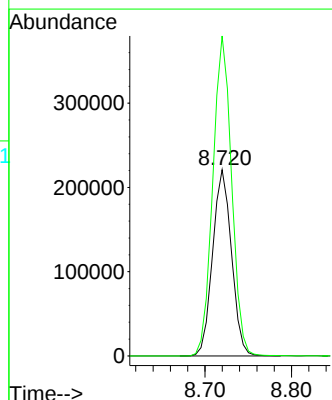
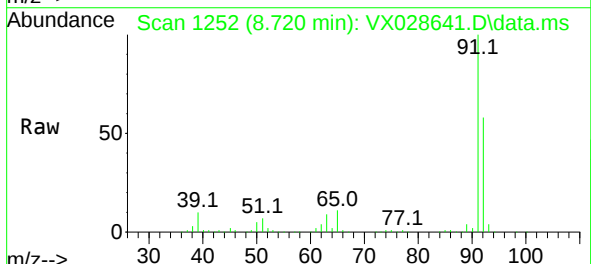
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

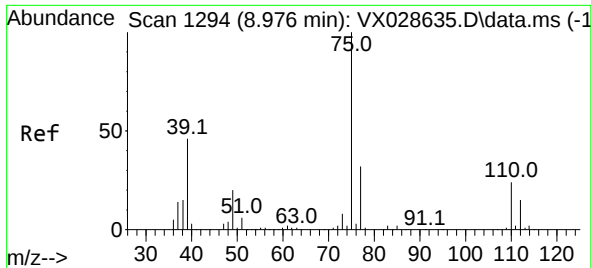
Tgt Ion: 43 Resp: 990458
Ion Ratio Lower Upper
43 100
58 40.5 36.1 54.1



#52
Toluene
Concen: 52.231 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

Tgt Ion: 92 Resp: 334539
Ion Ratio Lower Upper
92 100
91 171.4 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 48.531 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX028641.D

Acq: 12 May 2022 16:12

Instrument :

MSVOA_X

ClientSampleId :

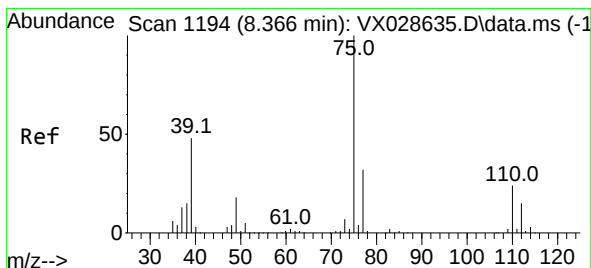
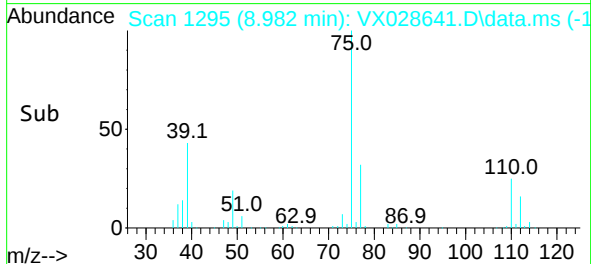
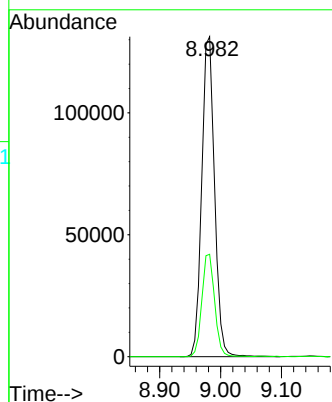
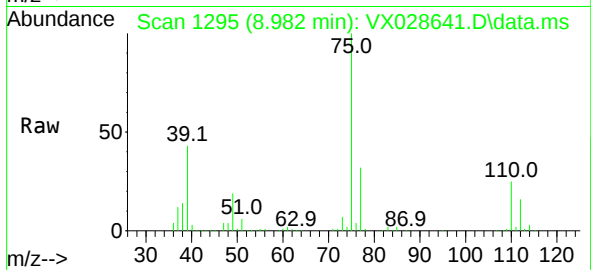
VSTDCCC050

Tgt Ion: 75 Resp: 192217

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 54.610 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028641.D

Acq: 12 May 2022 16:12

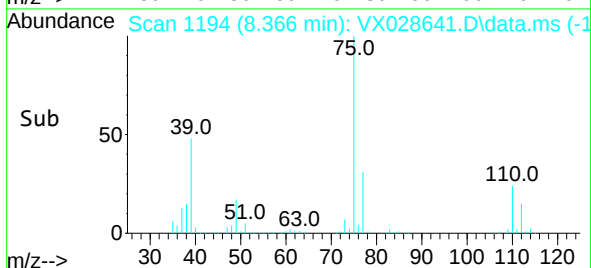
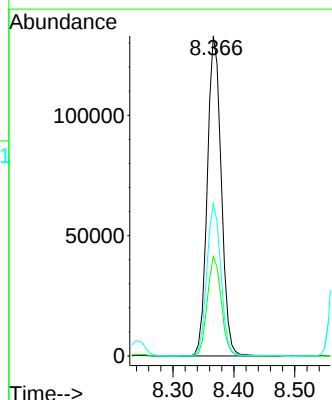
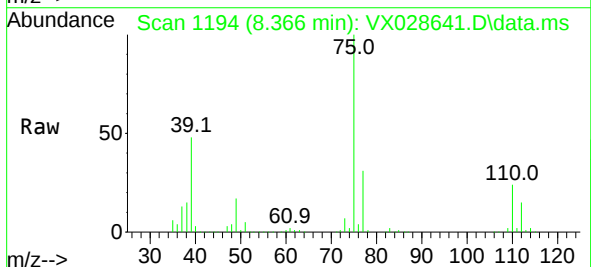
Tgt Ion: 75 Resp: 211646

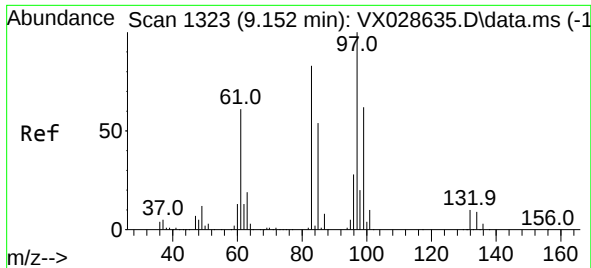
Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2

39 47.5 29.6 44.4#

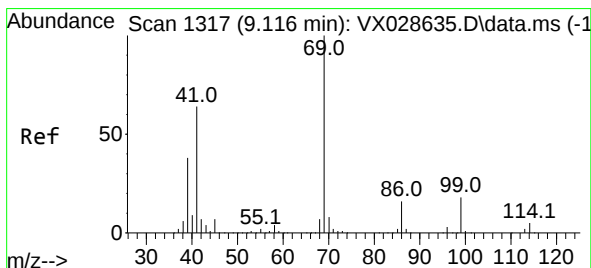
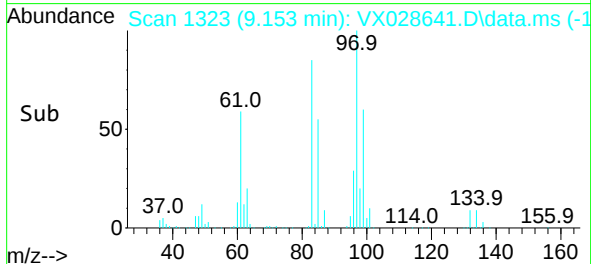
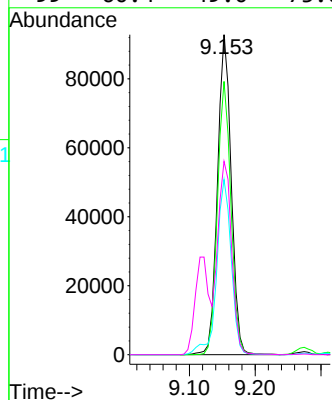
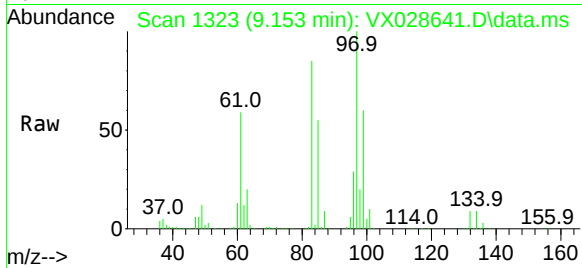




#55
1,1,2-Trichloroethane
Concen: 51.676 ug/l
RT: 9.153 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

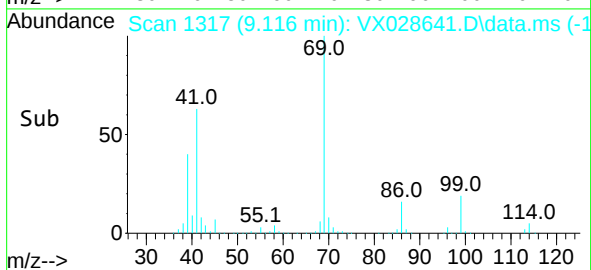
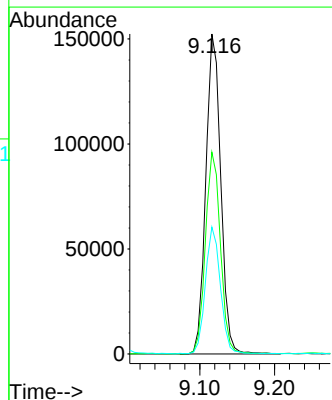
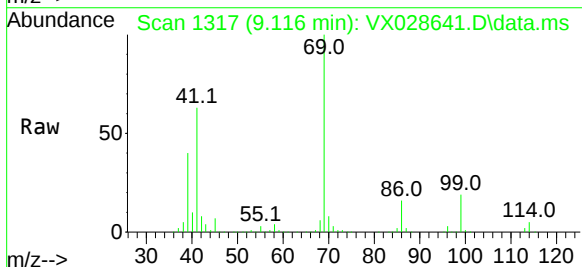
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

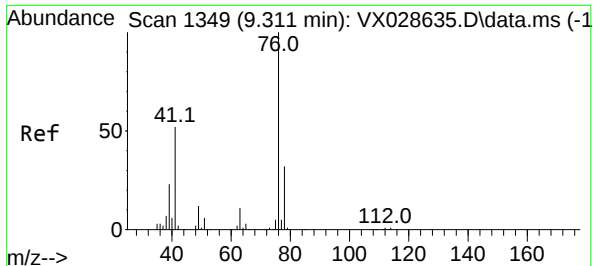
Tgt Ion: 97	Resp: 134967
Ion Ratio	Lower Upper
97 100	
83 85.4	66.2 99.4
85 54.7	42.9 64.3
99 60.4	49.0 73.6



#56
Ethyl methacrylate
Concen: 53.478 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

Tgt Ion: 69	Resp: 211511
Ion Ratio	Lower Upper
69 100	
41 63.2	43.8 65.6
39 39.9	22.2 33.2#





#57

1,3-Dichloropropane

Concen: 51.513 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028641.D

Acq: 12 May 2022 16:12

Instrument :

MSVOA_X

ClientSampleId :

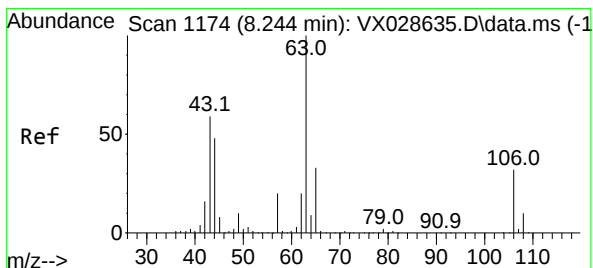
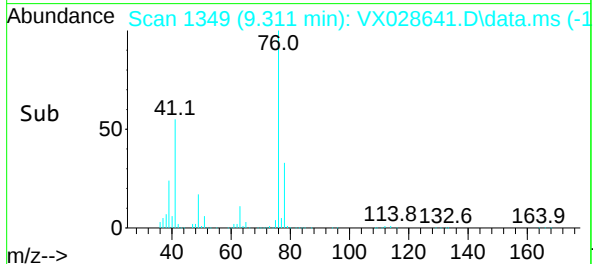
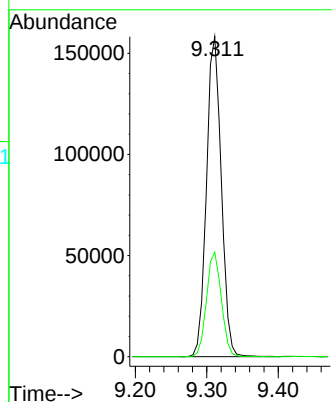
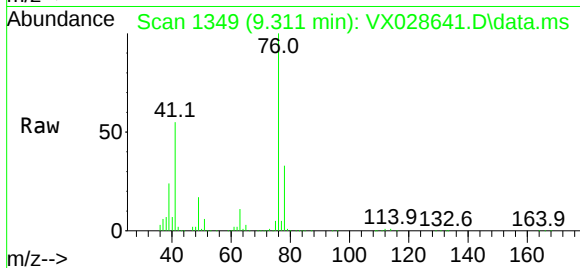
VSTDCCC050

Tgt Ion: 76 Resp: 226921

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 255.618 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX028641.D

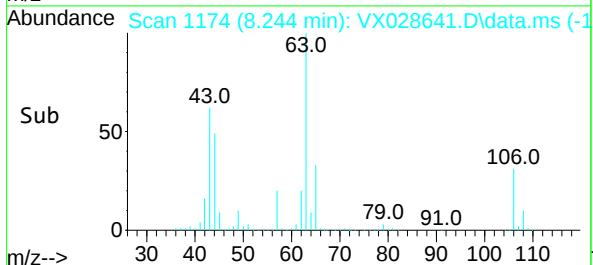
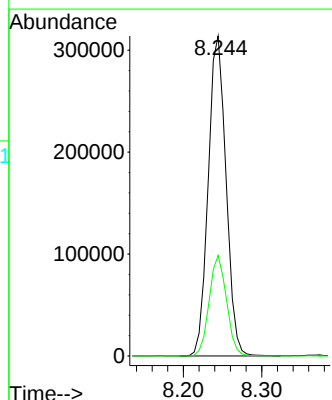
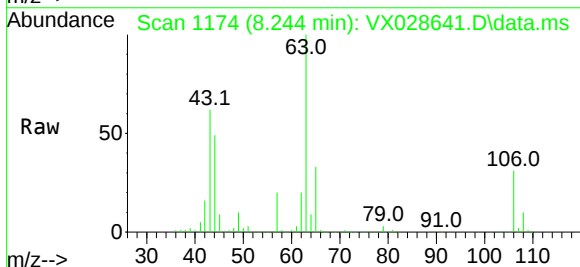
Acq: 12 May 2022 16:12

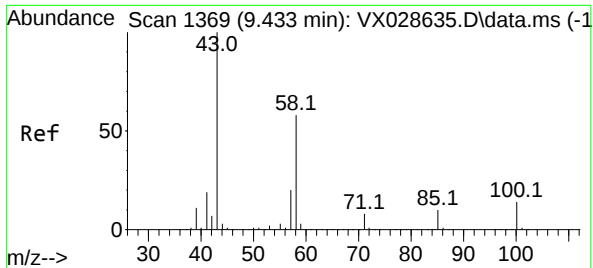
Tgt Ion: 63 Resp: 494972

Ion Ratio Lower Upper

63 100

106 30.5 23.9 35.9

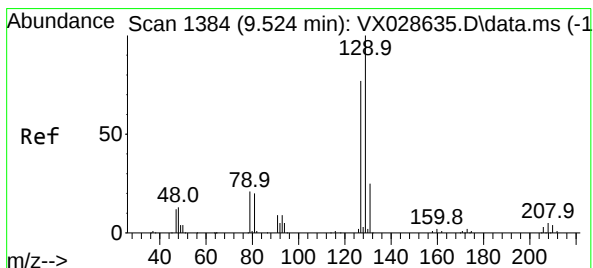
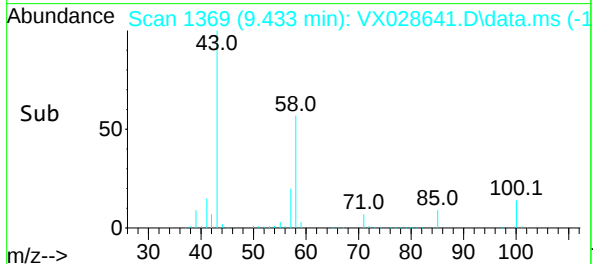
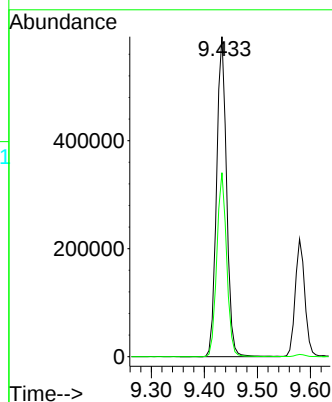
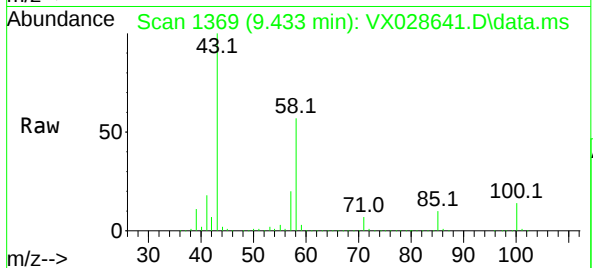




#59
2-Hexanone
Concen: 268.442 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

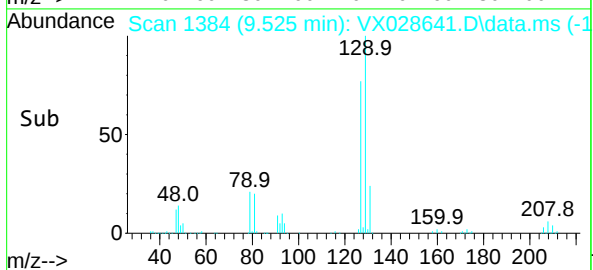
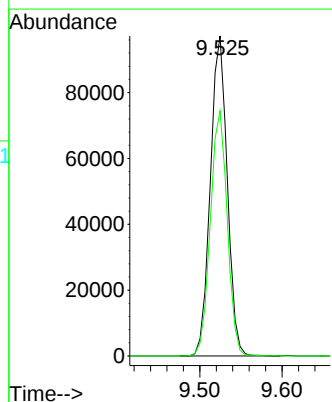
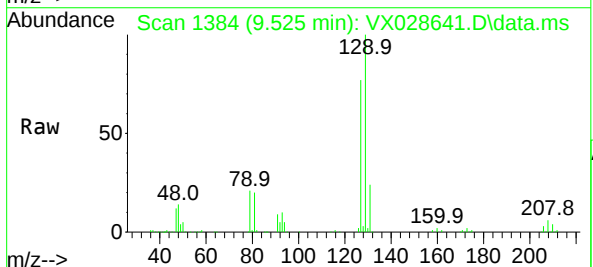
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

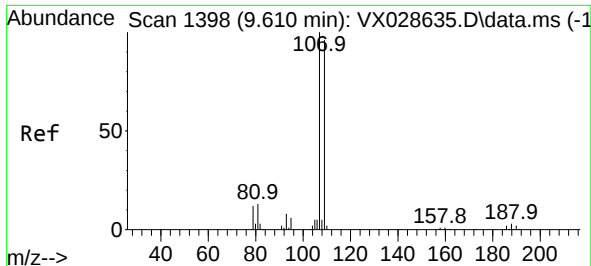
Tgt Ion: 43 Resp: 777704
Ion Ratio Lower Upper
43 100
58 56.6 31.9 95.7



#60
Dibromochloromethane
Concen: 54.494 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.001 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

Tgt Ion: 129 Resp: 138806
Ion Ratio Lower Upper
129 100
127 76.8 40.3 120.8

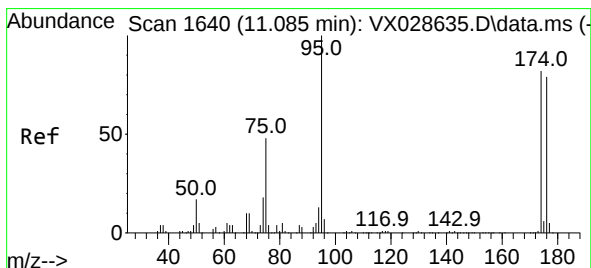
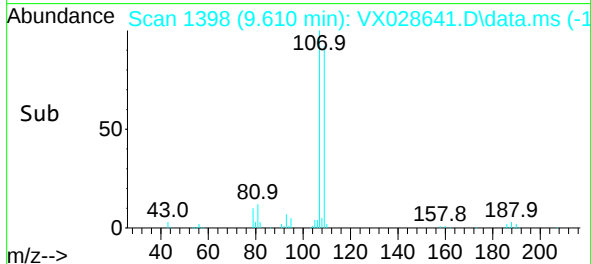
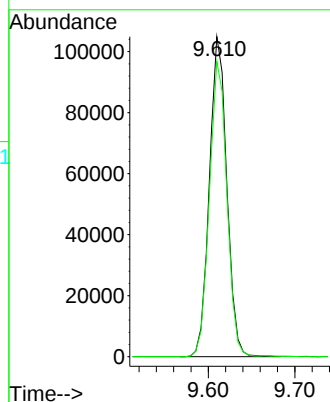
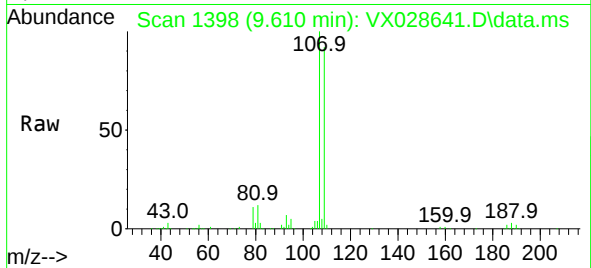




#61
1,2-Dibromoethane
Concen: 53.343 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

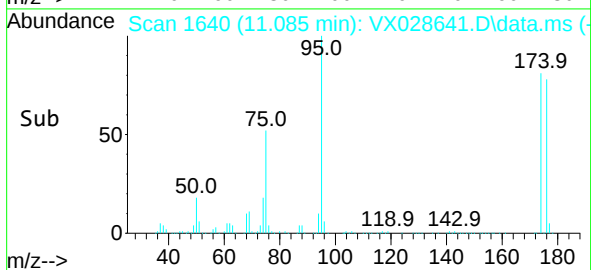
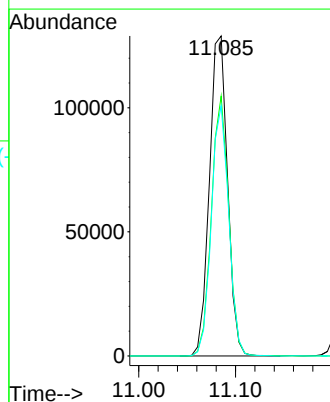
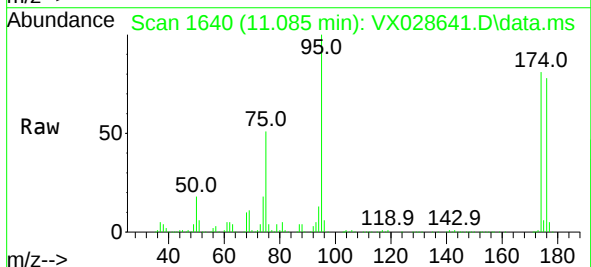
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

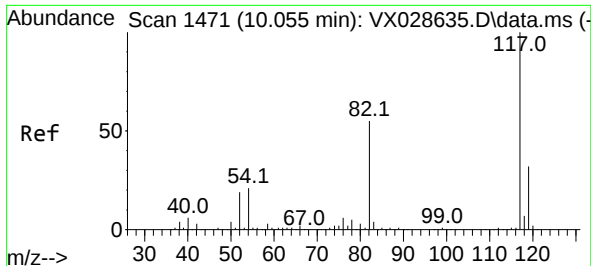
Tgt Ion:107 Resp: 146330
Ion Ratio Lower Upper
107 100
109 92.8 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 51.802 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

Tgt Ion: 95 Resp: 168261
Ion Ratio Lower Upper
95 100
174 77.4 0.0 163.0
176 74.9 0.0 155.0

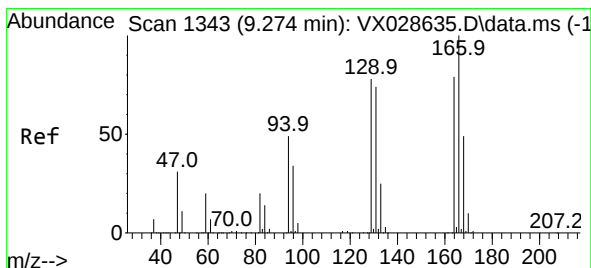
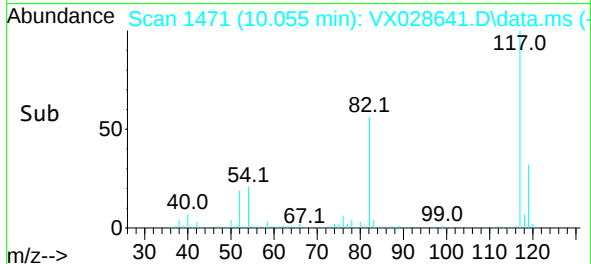
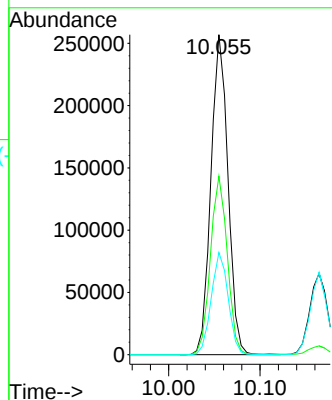
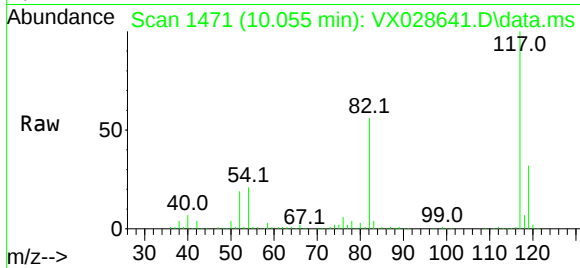




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

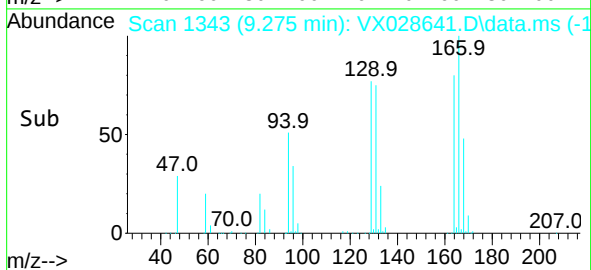
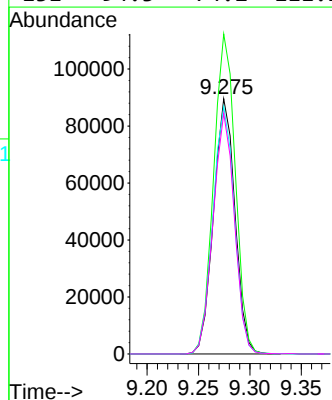
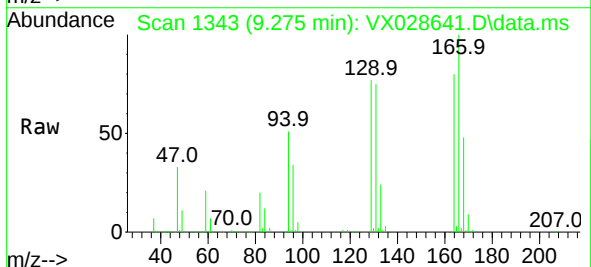
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

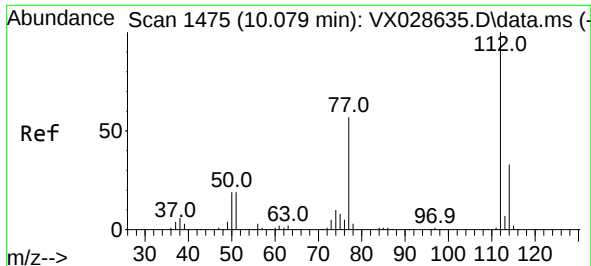
Tgt Ion:117 Resp: 331540
Ion Ratio Lower Upper
117 100
82 55.8 41.8 62.8
119 31.9 24.8 37.2



#64
Tetrachloroethene
Concen: 51.759 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

Tgt Ion:164 Resp: 129586
Ion Ratio Lower Upper
164 100
166 125.4 101.2 151.8
129 96.9 73.0 109.4
131 94.3 74.2 111.2

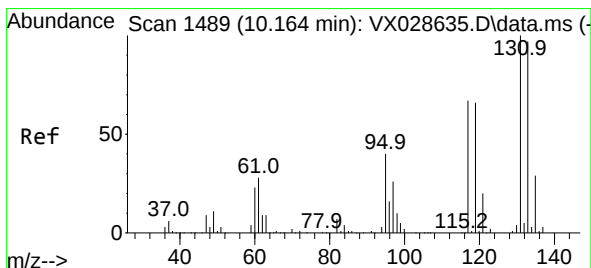
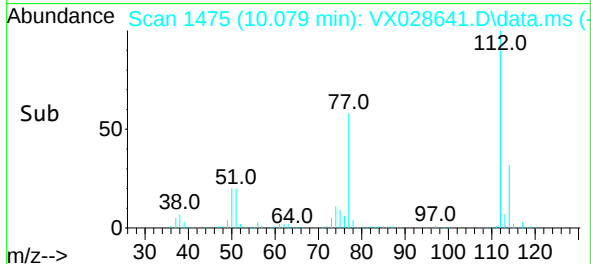
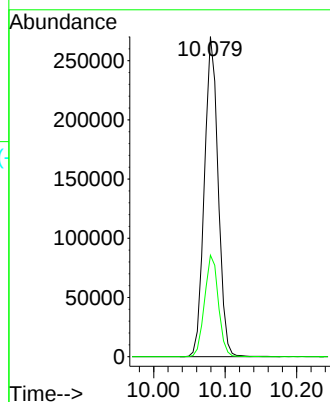
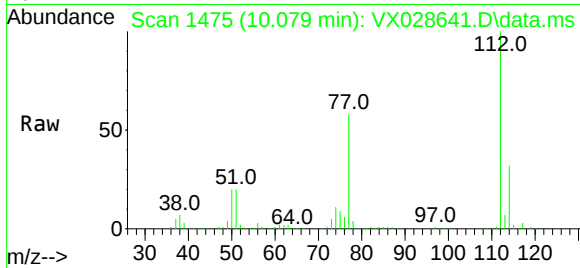




#65
Chlorobenzene
Concen: 51.478 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

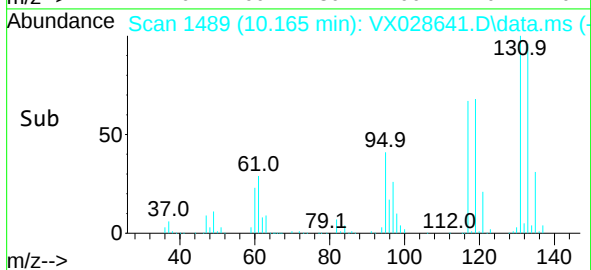
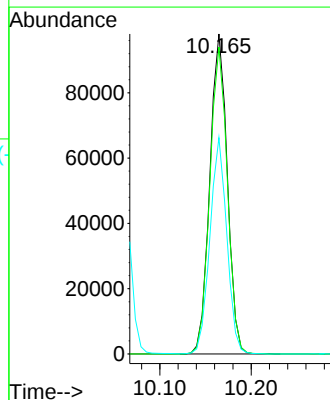
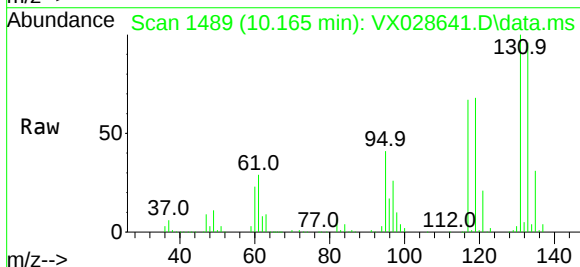
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

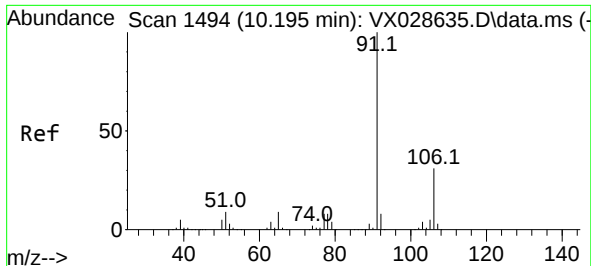
Tgt Ion:112 Resp: 362067
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.110 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

Tgt Ion:131 Resp: 129832
Ion Ratio Lower Upper
131 100
133 96.2 48.3 144.8
119 65.5 32.6 98.0





#67

Ethyl Benzene

Concen: 51.520 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028641.D

Acq: 12 May 2022 16:12

Instrument :

MSVOA_X

ClientSampleId :

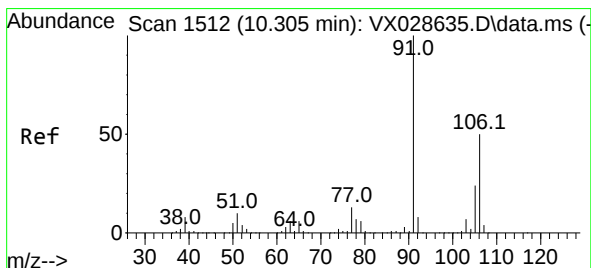
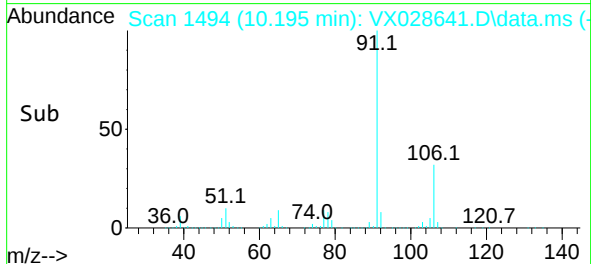
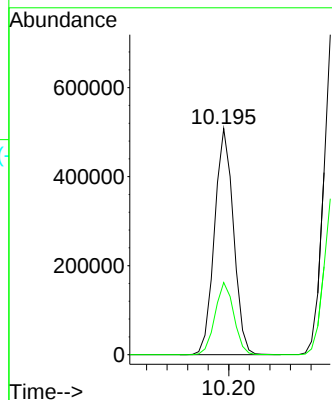
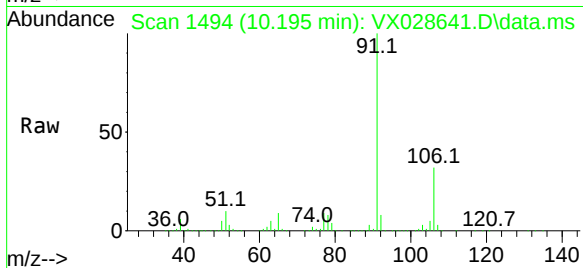
VSTDCCC050

Tgt Ion: 91 Resp: 649495

Ion Ratio Lower Upper

91 100

106 31.9 24.6 36.8



#68

m/p-Xylenes

Concen: 104.837 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX028641.D

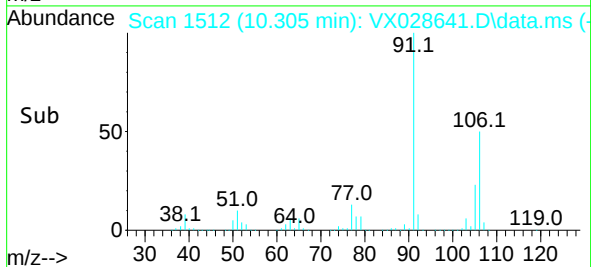
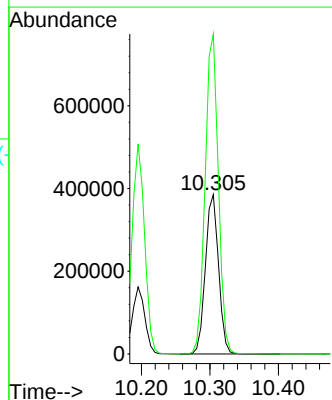
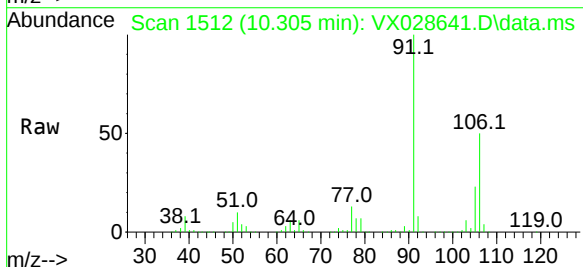
Acq: 12 May 2022 16:12

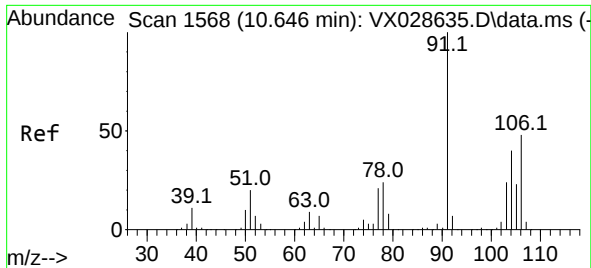
Tgt Ion:106 Resp: 514550

Ion Ratio Lower Upper

106 100

91 201.3 160.4 240.6

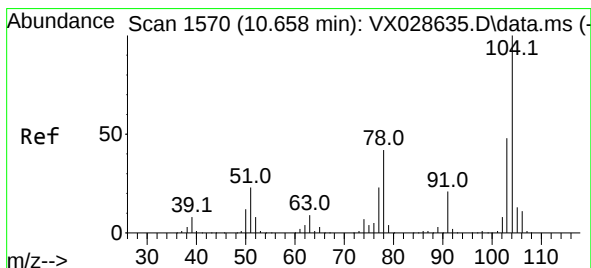
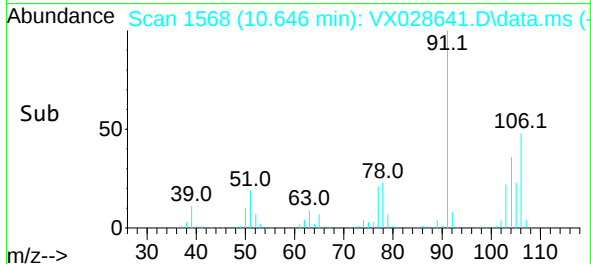
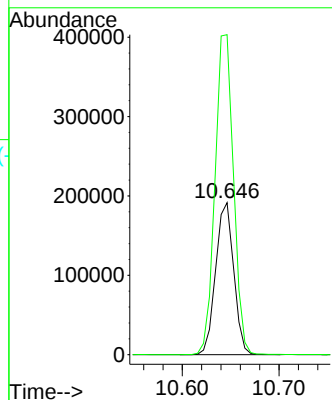
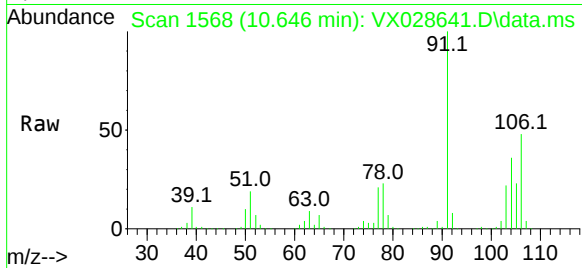




#69
o-Xylene
Concen: 51.372 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

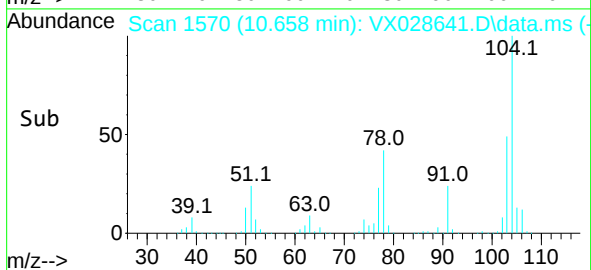
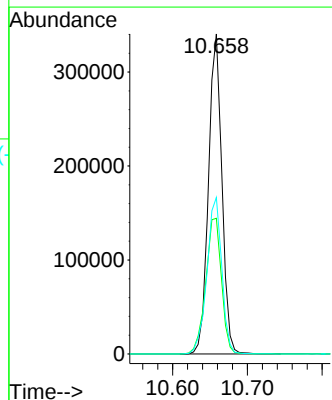
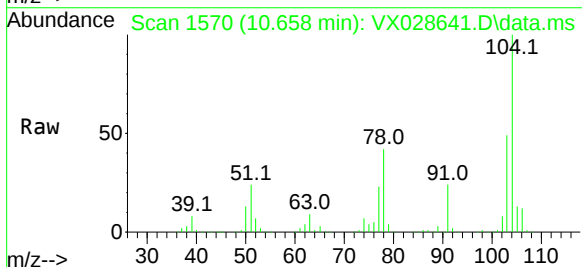
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

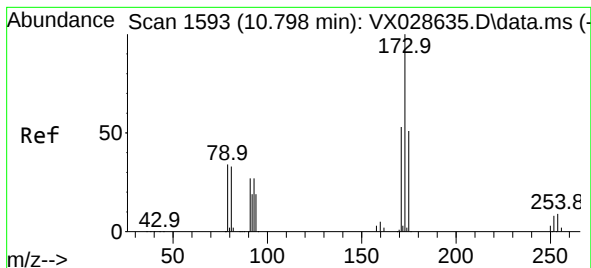
Tgt Ion:106 Resp: 248246
Ion Ratio Lower Upper
106 100
91 215.7 106.1 318.1



#70
Styrene
Concen: 54.086 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

Tgt Ion:104 Resp: 424434
Ion Ratio Lower Upper
104 100
78 50.0 38.6 57.8
103 54.2 43.8 65.8





#71

Bromoform

Concen: 48.109 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.001 min

Lab File: VX028641.D

Acq: 12 May 2022 16:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

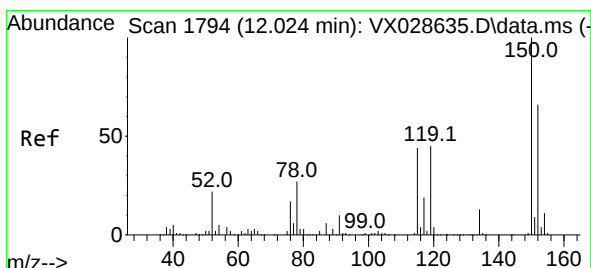
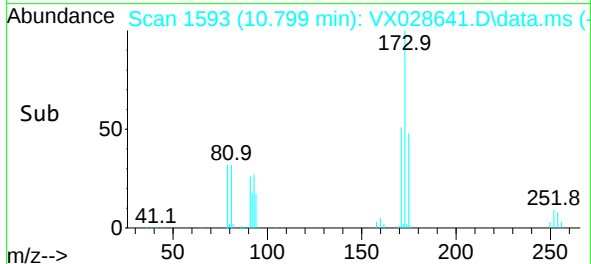
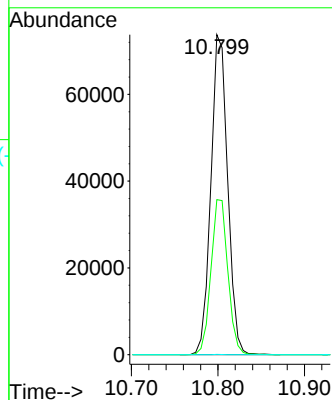
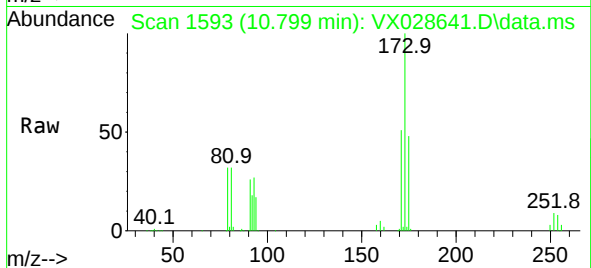
Tgt Ion:173 Resp: 99181

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.2

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX028641.D

Acq: 12 May 2022 16:12

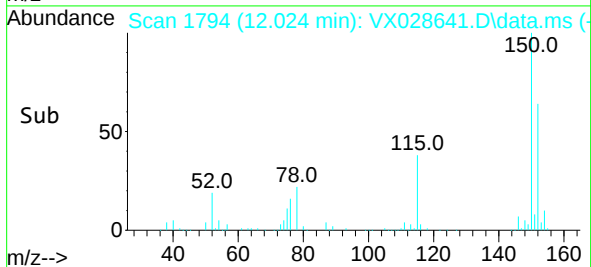
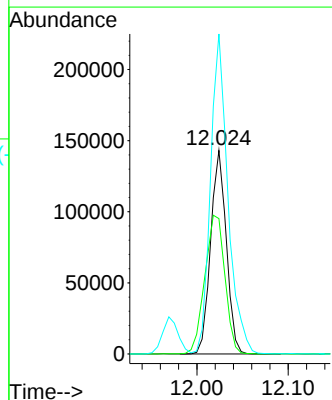
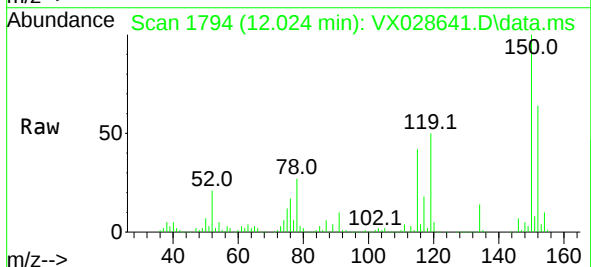
Tgt Ion:152 Resp: 169911

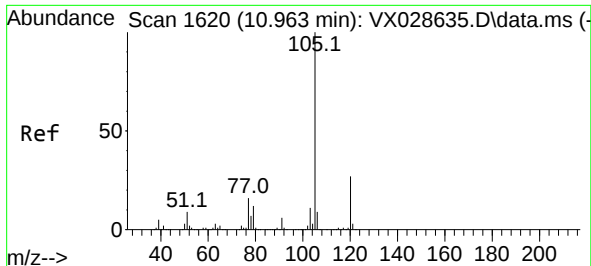
Ion Ratio Lower Upper

152 100

115 87.6 37.5 112.7

150 174.6 0.0 338.2

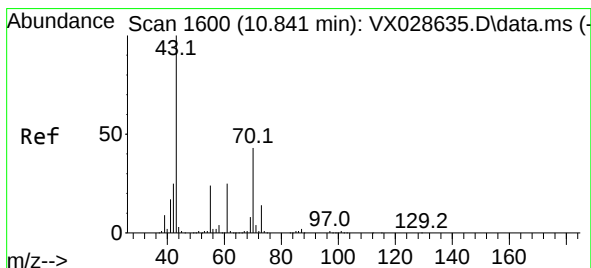
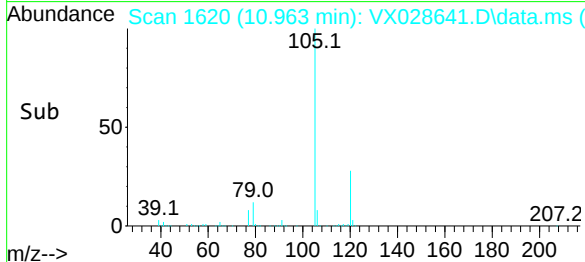
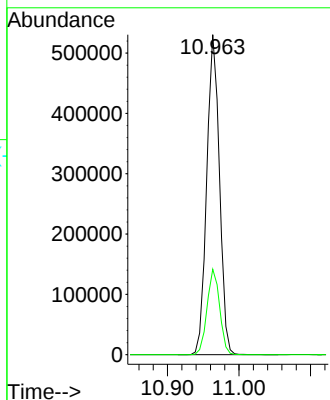
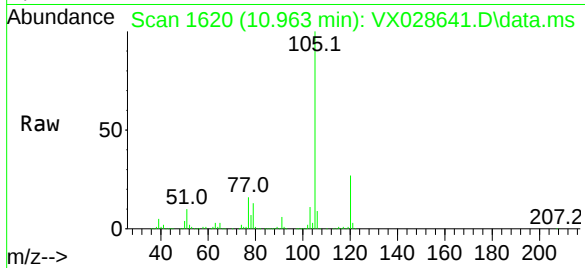




#73
Isopropylbenzene
Concen: 50.790 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

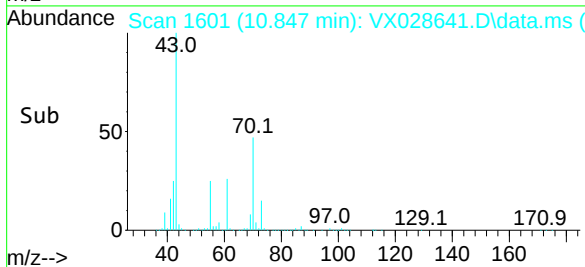
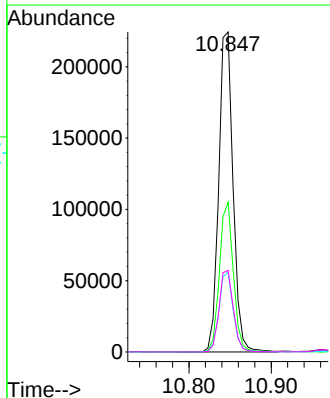
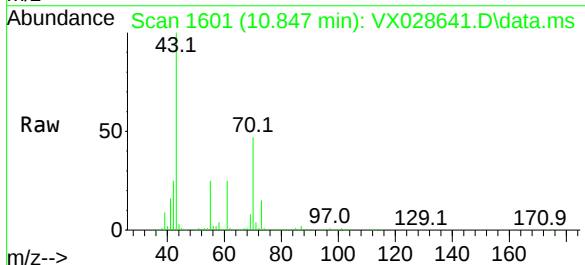
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

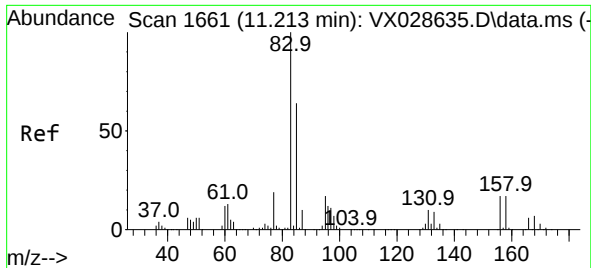
Tgt Ion:105 Resp: 654441
Ion Ratio Lower Upper
105 100
120 26.4 13.5 40.5



#74
N-ethyl acetate
Concen: 53.713 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

Tgt Ion: 43 Resp: 272062
Ion Ratio Lower Upper
43 100
70 45.7 42.5 63.7
55 24.9 23.1 34.7
61 25.3 22.8 34.2

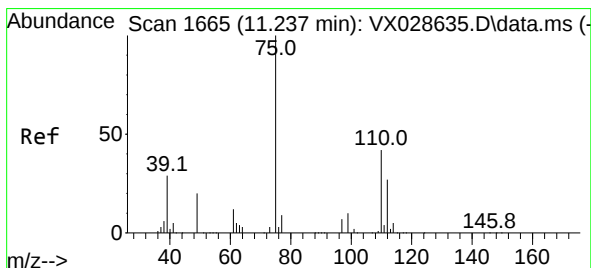
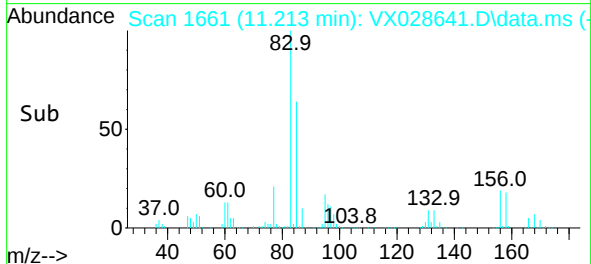
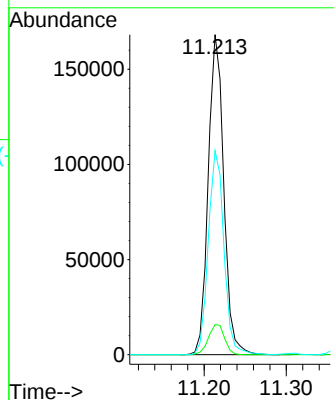
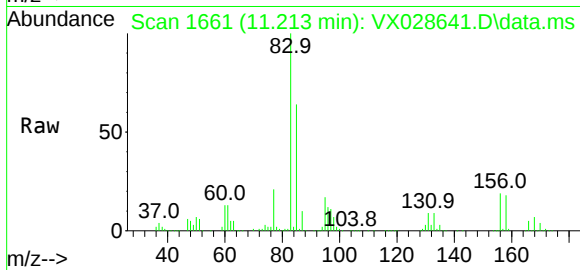




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.830 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX028641.D
 Acq: 12 May 2022 16:12

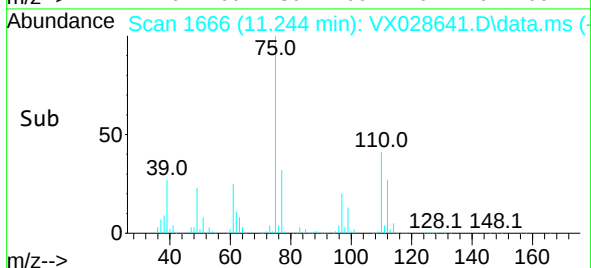
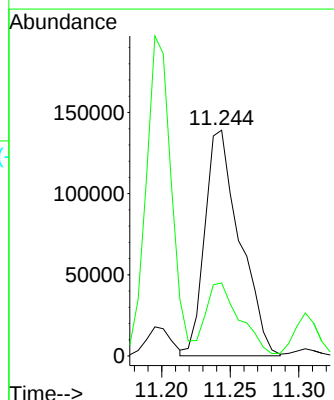
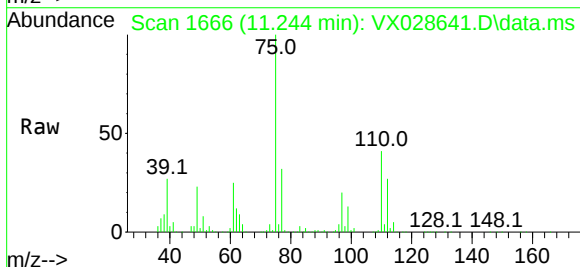
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

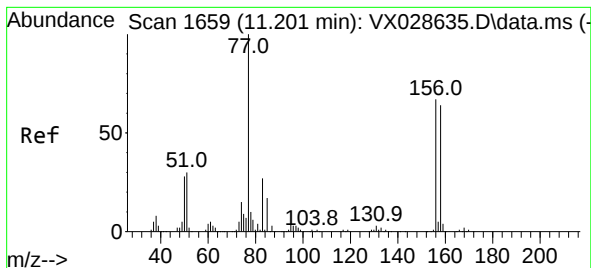
Tgt Ion: 83 Resp: 220272
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.1 15.3
 85 64.4 32.6 97.7



#76
 1,2,3-Trichloropropane
 Concen: 62.070 ug/l
 RT: 11.244 min Scan# 1666
 Delta R.T. 0.007 min
 Lab File: VX028641.D
 Acq: 12 May 2022 16:12

Tgt Ion: 75 Resp: 246985
 Ion Ratio Lower Upper
 75 100
 77 32.3 19.4 58.2





#77

Bromobenzene

Concen: 51.228 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX028641.D

Acq: 12 May 2022 16:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

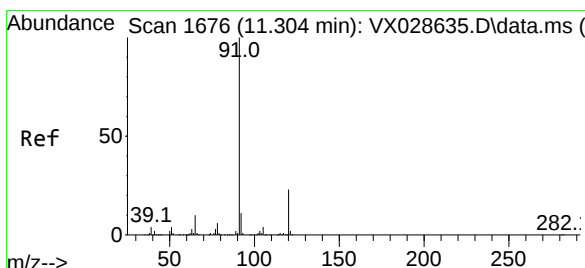
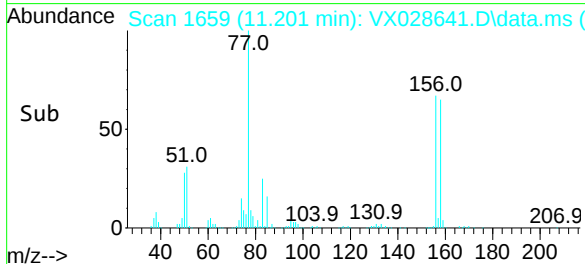
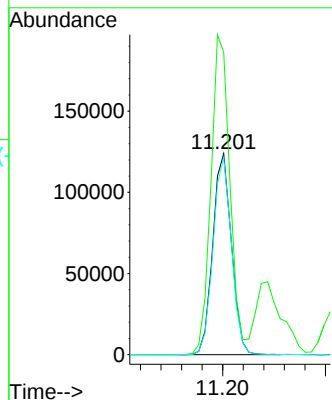
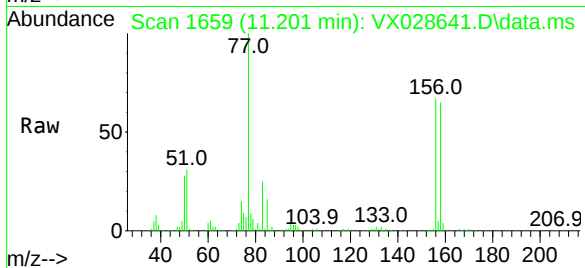
Tgt Ion:156 Resp: 156183

Ion Ratio Lower Upper

156 100

77 159.9 78.5 235.3

158 96.4 50.2 150.7



#78

n-propylbenzene

Concen: 51.612 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.001 min

Lab File: VX028641.D

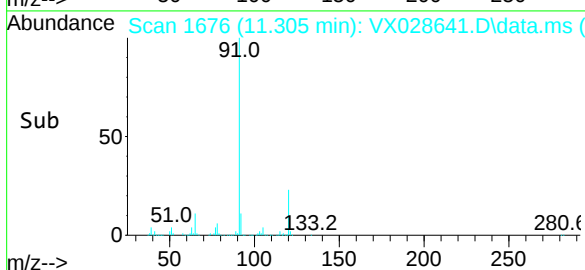
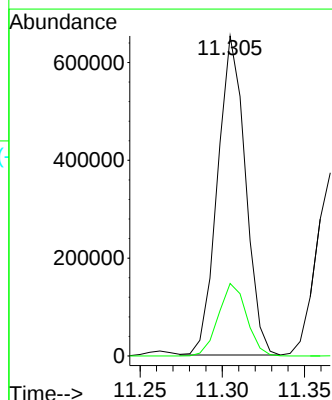
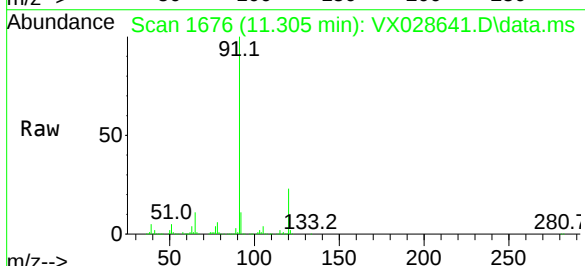
Acq: 12 May 2022 16:12

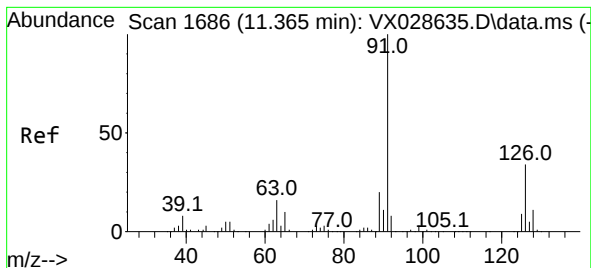
Tgt Ion: 91 Resp: 769257

Ion Ratio Lower Upper

91 100

120 23.0 11.6 34.8





#79

2-Chlorotoluene

Concen: 50.088 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX028641.D

Acq: 12 May 2022 16:12

Instrument :

MSVOA_X

ClientSampleId :

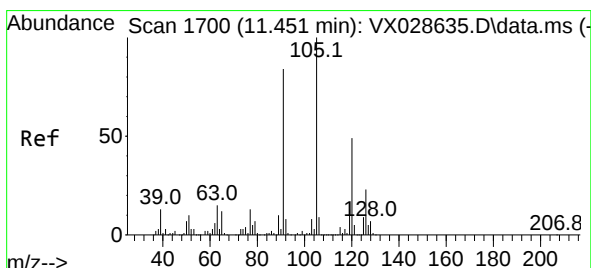
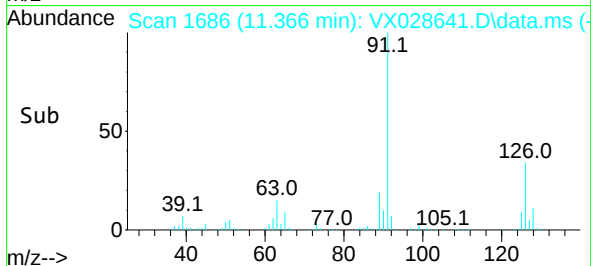
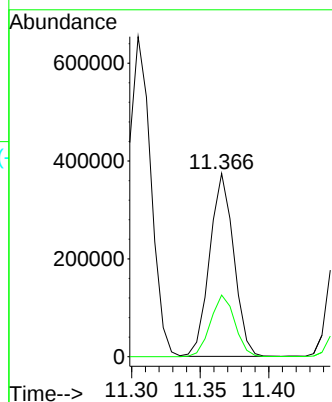
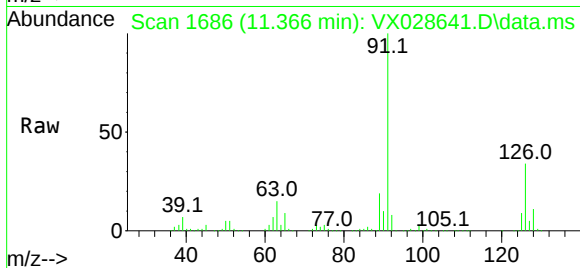
VSTDCCC050

Tgt Ion: 91 Resp: 457560

Ion Ratio Lower Upper

91 100

126 34.1 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 51.798 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX028641.D

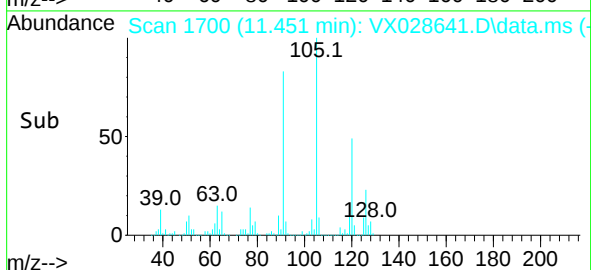
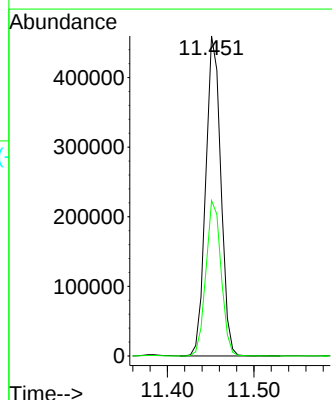
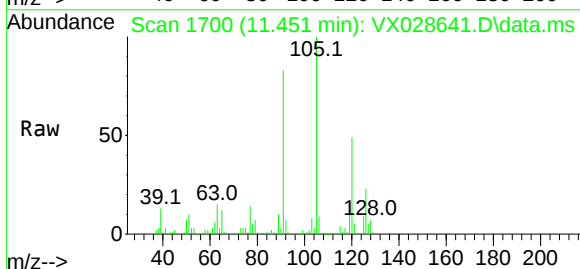
Acq: 12 May 2022 16:12

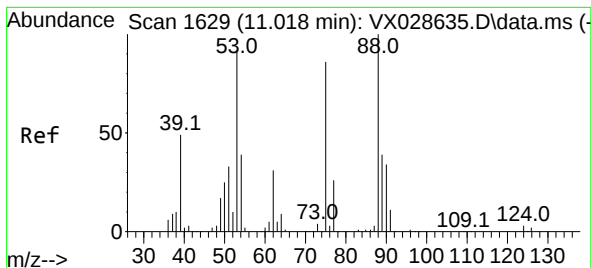
Tgt Ion:105 Resp: 556138

Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.9

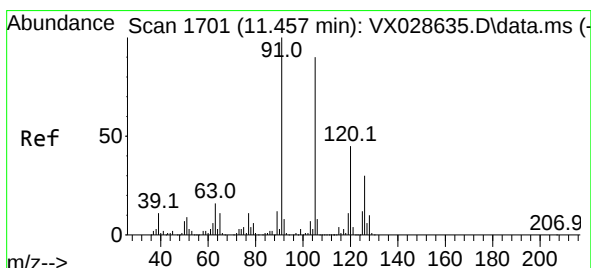
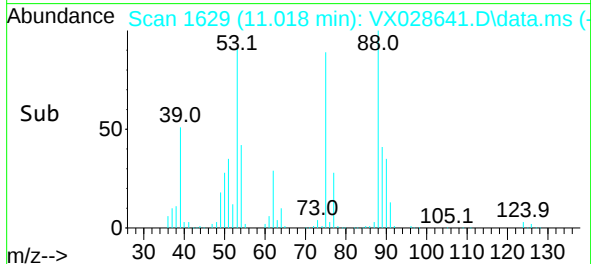
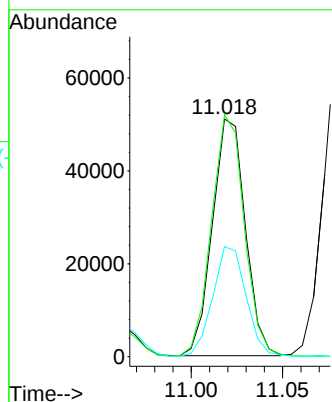
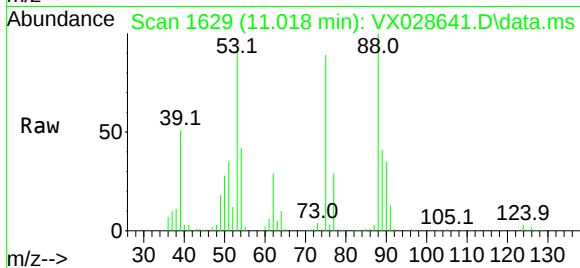




#81
trans-1,4-Dichloro-2-butene
Concen: 48.059 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

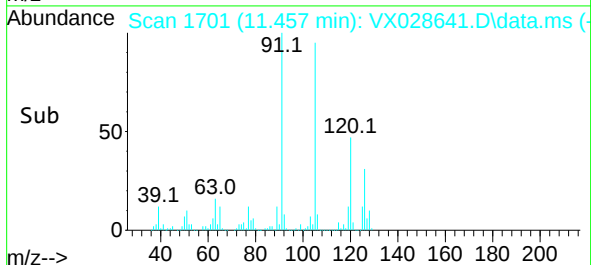
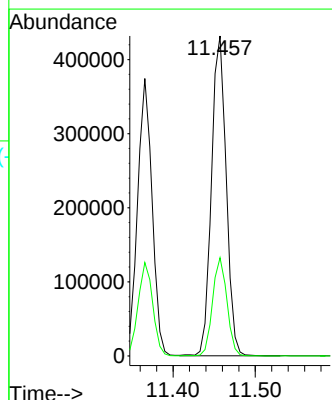
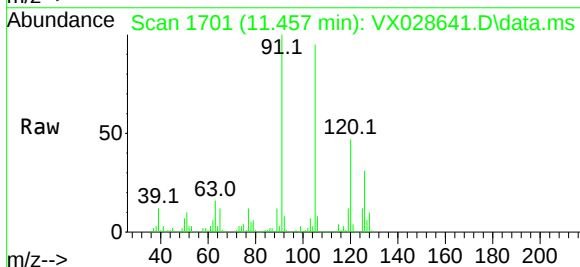
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

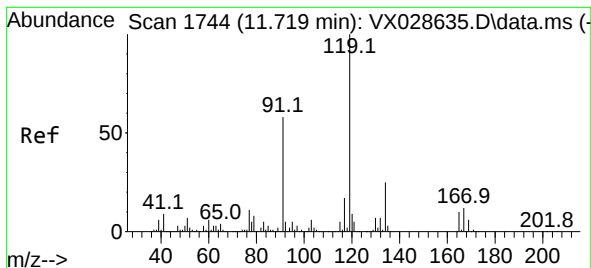
Tgt Ion: 75 Resp: 63885
Ion Ratio Lower Upper
75 100
53 102.6 69.0 103.4
89 47.4 37.0 55.6



#82
4-Chlorotoluene
Concen: 50.901 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

Tgt Ion: 91 Resp: 537552
Ion Ratio Lower Upper
91 100
126 30.0 14.9 44.5





#83

tert-Butylbenzene

Concen: 51.367 ug/l

RT: 11.713 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX028641.D

Acq: 12 May 2022 16:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

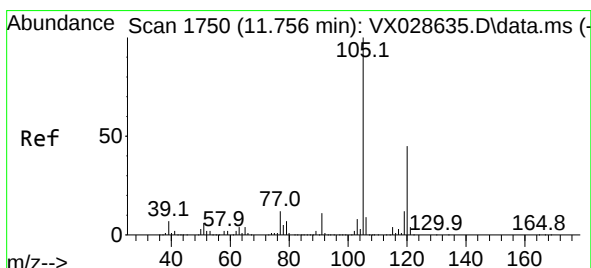
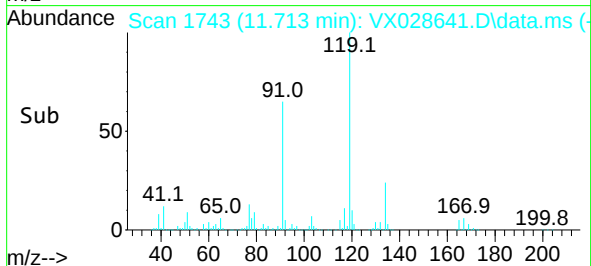
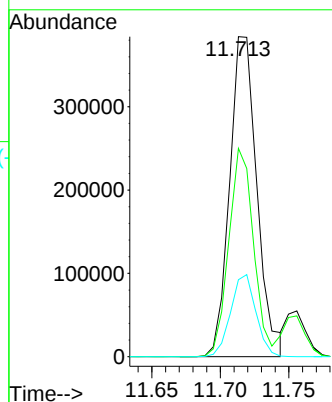
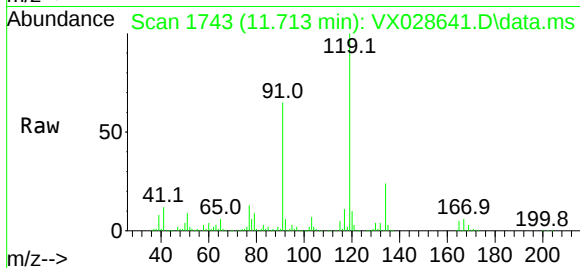
Tgt Ion:119 Resp: 533976

Ion Ratio Lower Upper

119 100

91 58.9 26.9 80.6

134 23.7 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 51.802 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX028641.D

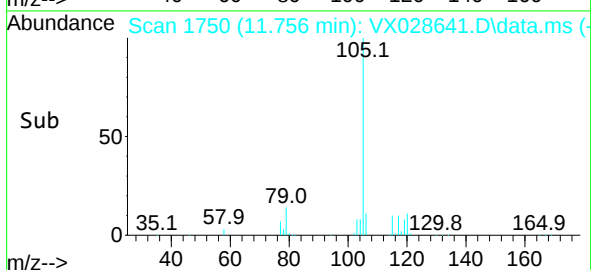
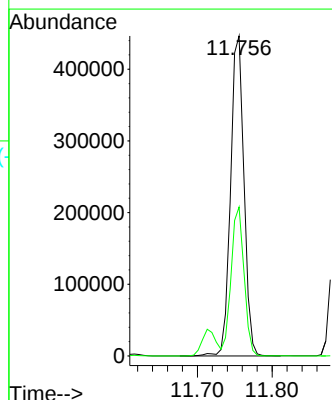
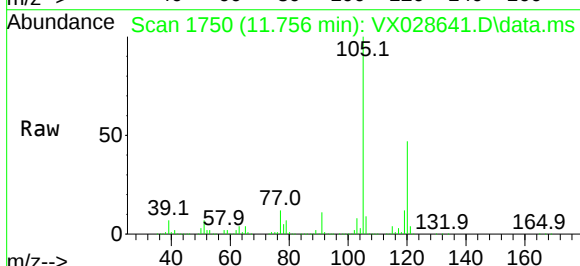
Acq: 12 May 2022 16:12

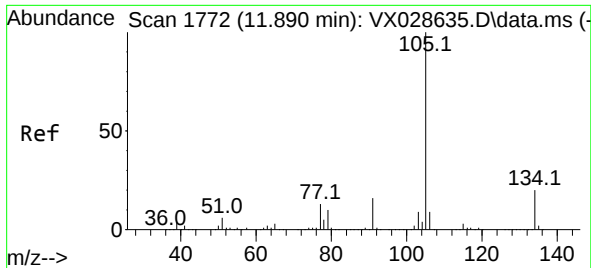
Tgt Ion:105 Resp: 557724

Ion Ratio Lower Upper

105 100

120 45.2 22.6 67.8

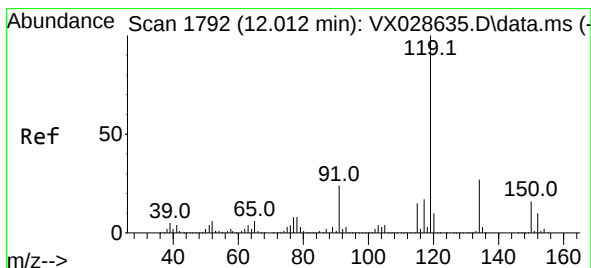
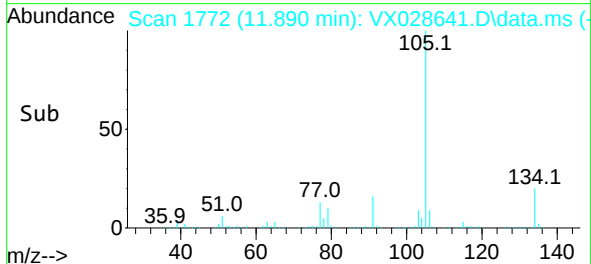
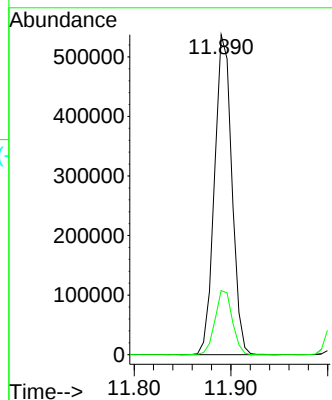
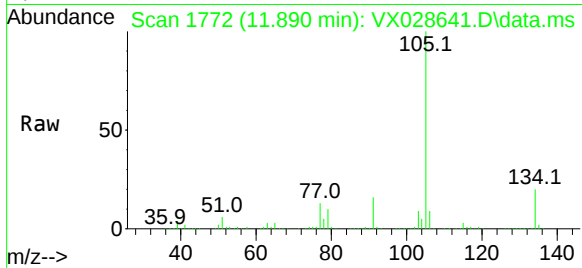




#85
 sec-Butylbenzene
 Concen: 52.030 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX028641.D
 Acq: 12 May 2022 16:12

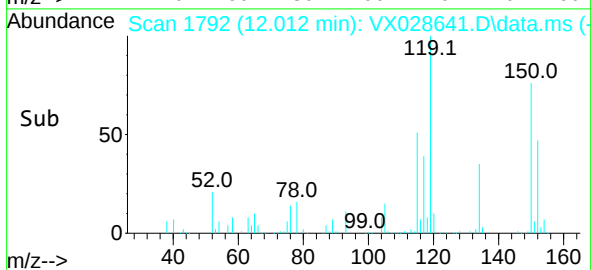
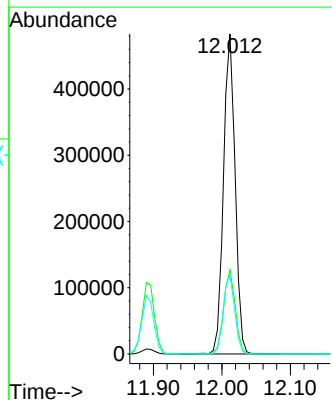
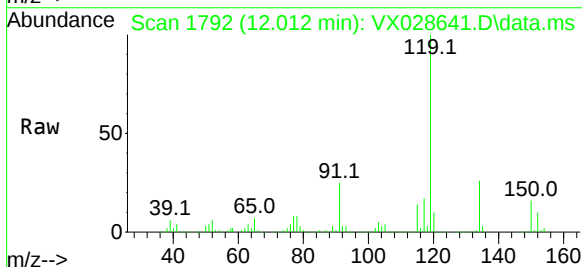
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

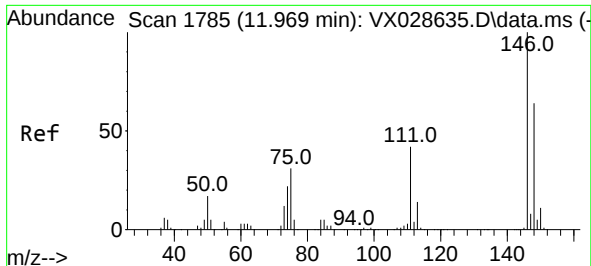
Tgt Ion:105 Resp: 667158
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 52.504 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX028641.D
 Acq: 12 May 2022 16:12

Tgt Ion:119 Resp: 564935
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 24.7 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 51.350 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX028641.D

Acq: 12 May 2022 16:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

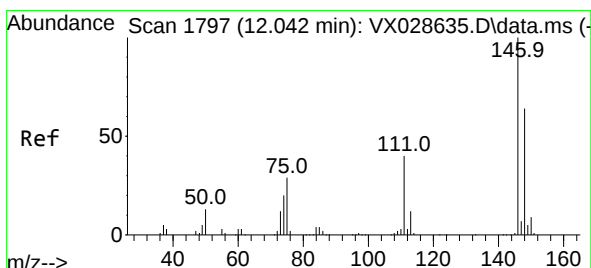
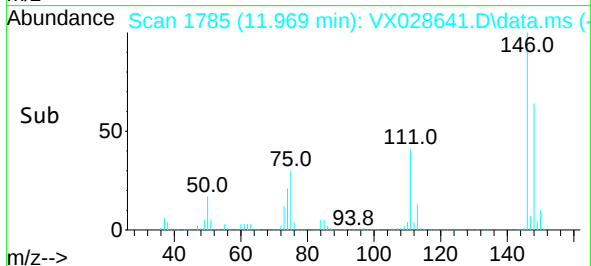
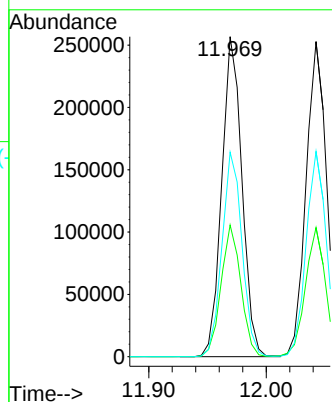
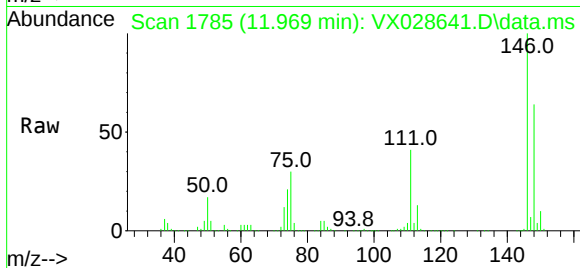
Tgt Ion:146 Resp: 307073

Ion Ratio Lower Upper

146 100

111 40.4 19.7 59.1

148 63.5 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 49.334 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX028641.D

Acq: 12 May 2022 16:12

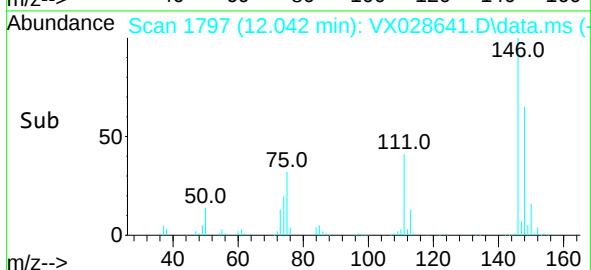
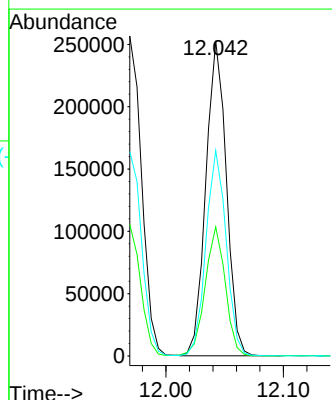
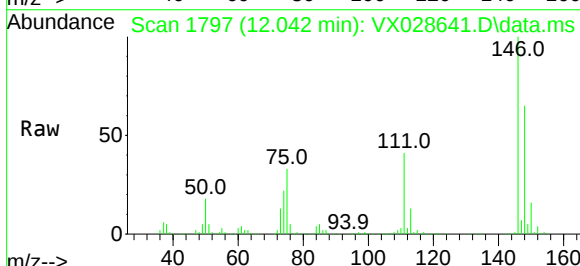
Tgt Ion:146 Resp: 306004

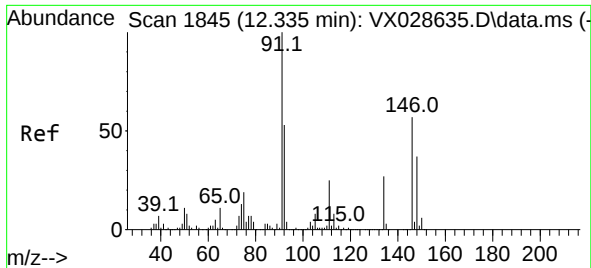
Ion Ratio Lower Upper

146 100

111 40.4 19.2 57.6

148 64.6 32.3 96.9

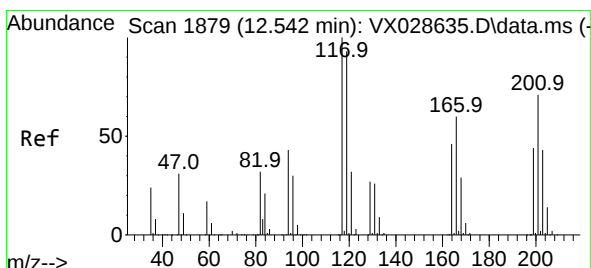
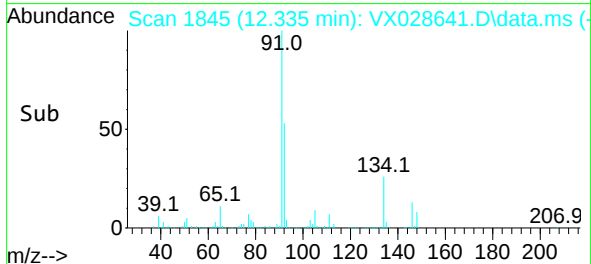
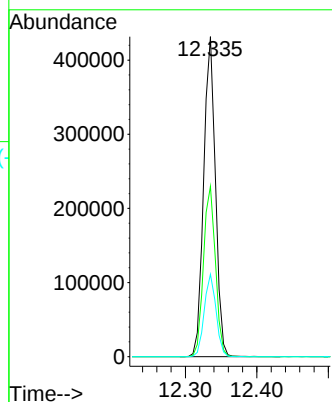
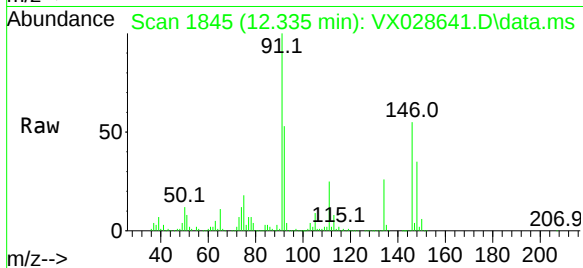




#89
n-Butylbenzene
Concen: 52.983 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

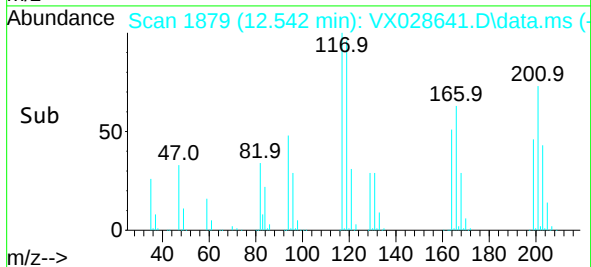
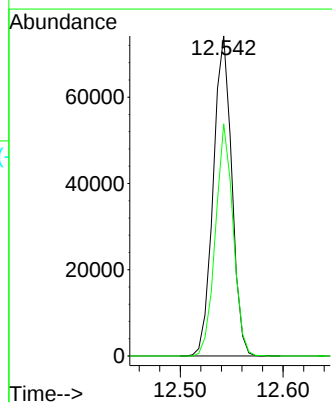
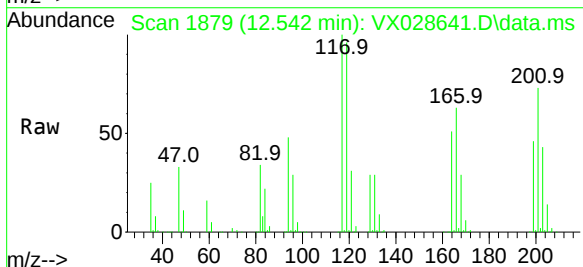
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

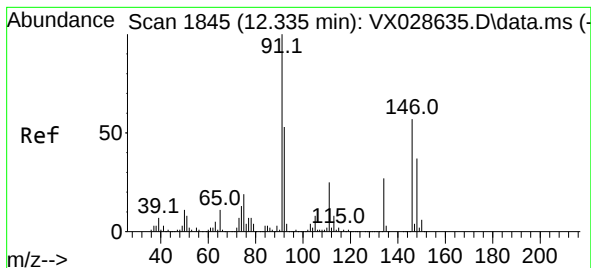
Tgt Ion: 91 Resp: 493945
Ion Ratio Lower Upper
91 100
92 54.1 27.8 83.3
134 25.8 13.3 39.8



#90
Hexachloroethane
Concen: 53.226 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX028641.D
Acq: 12 May 2022 16:12

Tgt Ion: 117 Resp: 92614
Ion Ratio Lower Upper
117 100
201 69.3 39.5 118.5





#91

1,2-Dichlorobenzene

Concen: 50.749 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX028641.D

Acq: 12 May 2022 16:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

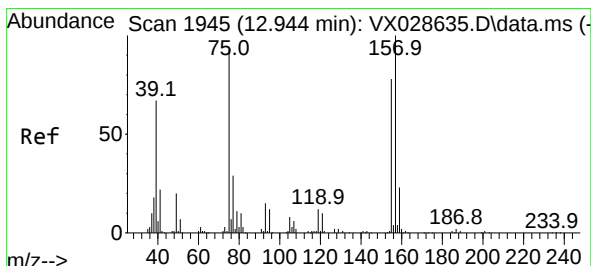
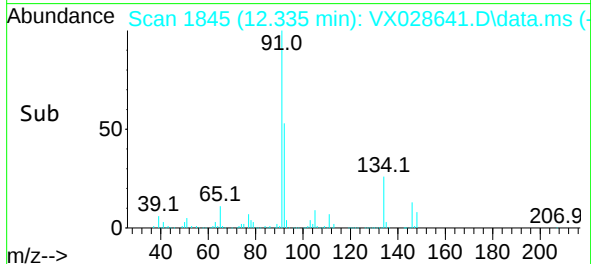
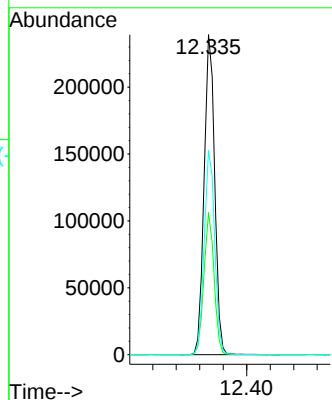
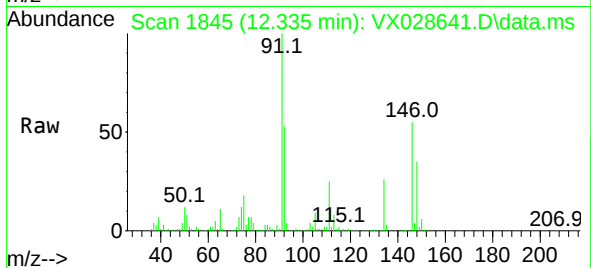
Tgt Ion:146 Resp: 298124

Ion Ratio Lower Upper

146 100

111 42.8 21.0 63.0

148 63.3 32.6 97.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.753 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.001 min

Lab File: VX028641.D

Acq: 12 May 2022 16:12

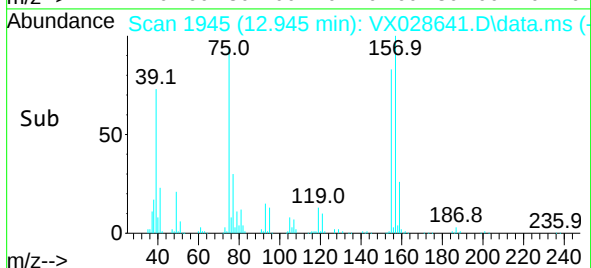
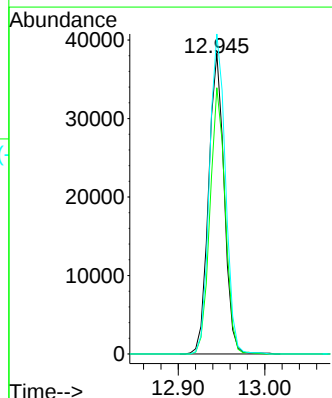
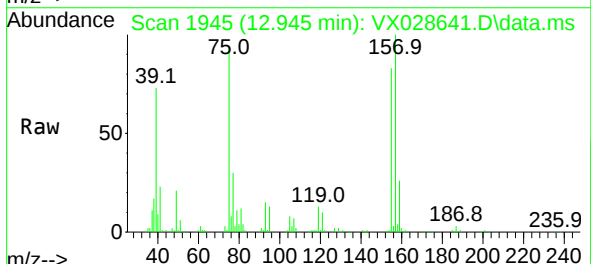
Tgt Ion: 75 Resp: 47904

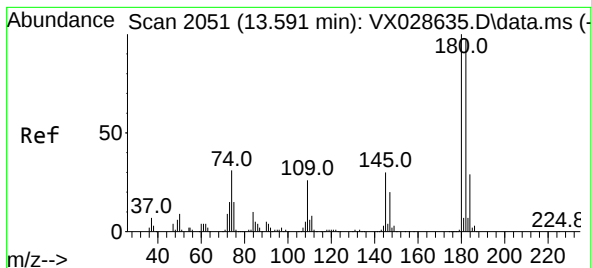
Ion Ratio Lower Upper

75 100

155 86.2 47.0 141.2

157 108.8 57.9 173.6





#93

1,2,4-Trichlorobenzene

Concen: 51.712 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX028641.D

Acq: 12 May 2022 16:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

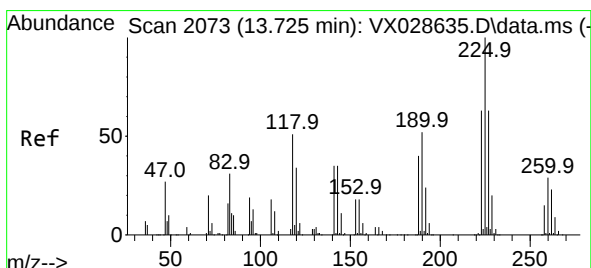
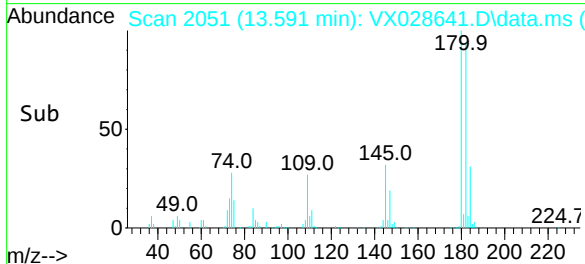
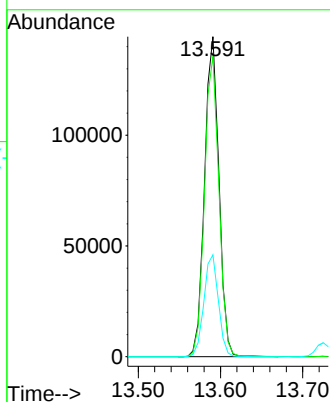
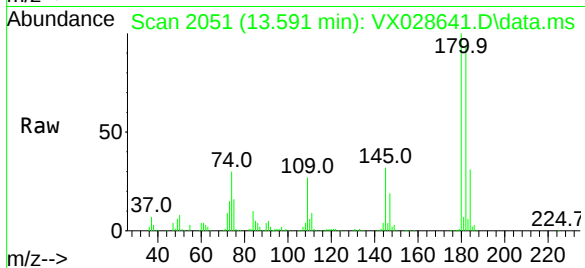
Tgt Ion:180 Resp: 175457

Ion Ratio Lower Upper

180 100

182 94.2 47.7 143.1

145 32.1 15.2 45.5



#94

Hexachlorobutadiene

Concen: 50.792 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX028641.D

Acq: 12 May 2022 16:12

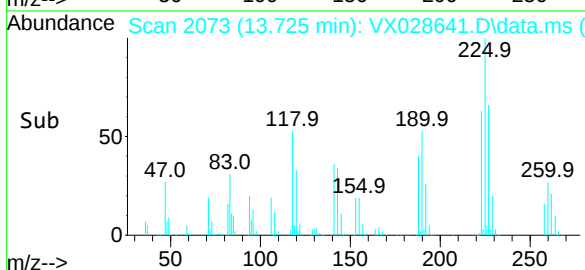
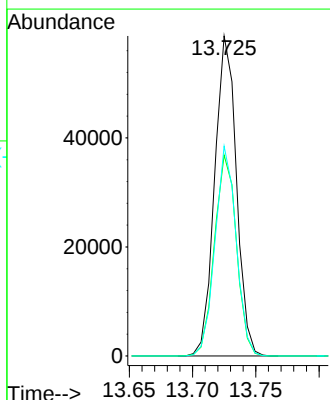
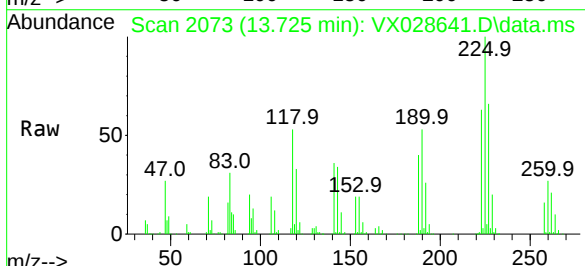
Tgt Ion:225 Resp: 70011

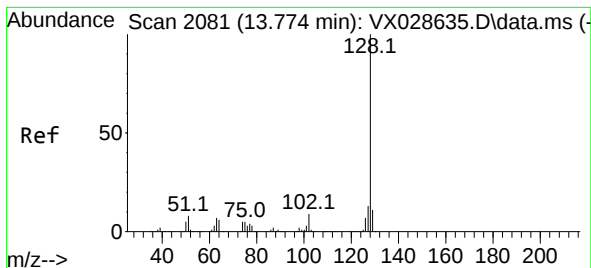
Ion Ratio Lower Upper

225 100

223 63.4 34.2 102.5

227 63.6 33.9 101.7





#95

Naphthalene

Concen: 52.471 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX028641.D

Acq: 12 May 2022 16:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

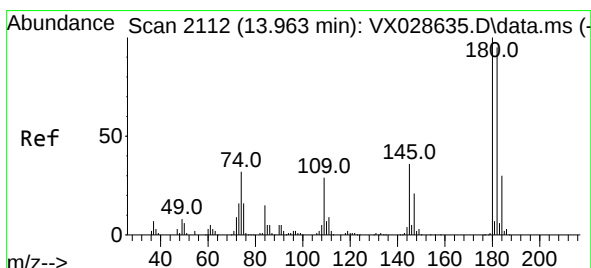
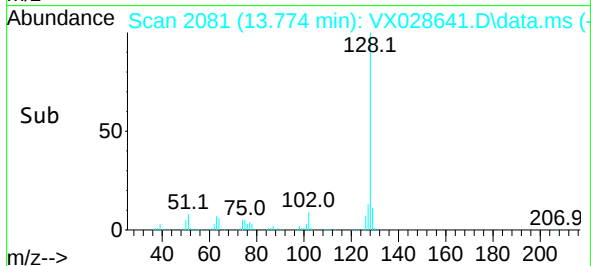
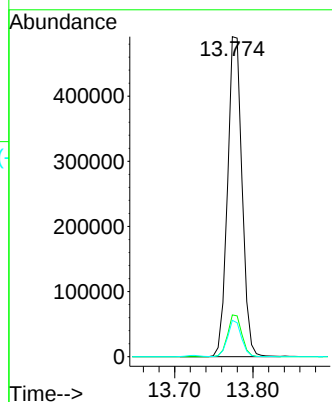
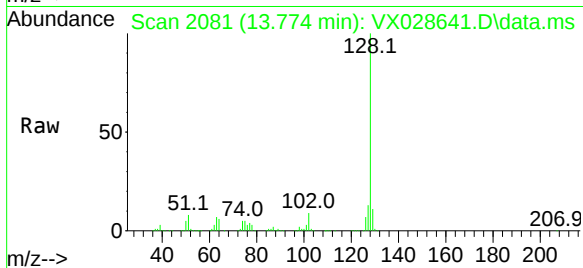
Tgt Ion:128 Resp: 633525

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 51.040 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX028641.D

Acq: 12 May 2022 16:12

Tgt Ion:180 Resp: 173934

Ion Ratio Lower Upper

180 100

182 93.6 50.0 149.8

145 33.7 16.2 48.5

