

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
 Data File : VX028229.D
 Acq On : 21 Apr 2022 04:34
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: Apr 21 06:23:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	291465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	480149	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	462532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	263935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	188791	49.677	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.360%
35) Dibromofluoromethane	5.385	113	172444	51.212	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.420%
50) Toluene-d8	8.653	98	636172	49.190	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.380%
62) 4-Bromofluorobenzene	11.079	95	246021	49.751	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	105058	55.838	ug/l	97
3) Chloromethane	1.288	50	118118	62.894	ug/l	99
4) Vinyl Chloride	1.374	62	147258	50.116	ug/l	99
5) Bromomethane	1.599	94	125873	47.706	ug/l	97
6) Chloroethane	1.679	64	105938	50.376	ug/l	97
7) Trichlorofluoromethane	1.886	101	289332	44.654	ug/l	94
8) Diethyl Ether	2.130	74	100923	51.965	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	138175	58.542	ug/l	98
10) Methyl Iodide	2.453	142	182540	55.865	ug/l	96
11) Tert butyl alcohol	2.965	59	202908	279.989	ug/l	98
12) 1,1-Dichloroethene	2.319	96	132672	59.229	ug/l	96
13) Acrolein	2.233	56	132073	283.567	ug/l	99
14) Allyl chloride	2.666	41	183538	48.831	ug/l	93
15) Acrylonitrile	3.062	53	400256	258.444	ug/l	99
16) Acetone	2.380	43	342521	295.339	ug/l	94
17) Carbon Disulfide	2.514	76	306897	50.877	ug/l	99
18) Methyl Acetate	2.703	43	175463	51.928	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	490731	52.537	ug/l	96
20) Methylene Chloride	2.788	84	153787	54.538	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	154731	50.793	ug/l	94
22) Diisopropyl ether	3.764	45	418641	48.902	ug/l	91
23) Vinyl Acetate	3.721	43	1874279	250.603	ug/l	98
24) 1,1-Dichloroethane	3.611	63	257439	50.930	ug/l	98
25) 2-Butanone	4.556	43	557503	247.700	ug/l	99
26) 2,2-Dichloropropane	4.477	77	183658	37.213	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	188216	51.817	ug/l	89
28) Bromochloromethane	4.904	49	94112	43.396	ug/l	85
29) Tetrahydrofuran	5.001	42	352907	240.473	ug/l	97
30) Chloroform	5.099	83	300387	49.483	ug/l	100
31) Cyclohexane	5.471	56	223807	48.337	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	279708	50.884	ug/l	97
36) 1,1-Dichloropropene	5.696	75	211182	48.080	ug/l	96
37) Ethyl Acetate	4.715	43	215717	48.402	ug/l	100
38) Carbon Tetrachloride	5.684	117	246772	49.769	ug/l	97
39) Methylcyclohexane	7.385	83	260156	46.943	ug/l	94
40) Benzene	6.037	78	631116	49.087	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	111230	48.373	ug/l	99
42) 1,2-Dichloroethane	6.086	62	228584	47.895	ug/l	100
43) Isopropyl Acetate	6.342	43	340438	46.935	ug/l	98
44) Trichloroethene	7.129	130	186531	50.030	ug/l	99
45) 1,2-Dichloropropane	7.434	63	150590	47.851	ug/l	99
46) Dibromomethane	7.580	93	124599	50.471	ug/l	98
47) Bromodichloromethane	7.824	83	230324	48.543	ug/l	99
48) Methyl methacrylate	7.696	41	158995	47.744	ug/l	94
49) 1,4-Dioxane	7.659	88	92020	1032.917	ug/l	91
51) 4-Methyl-2-Pentanone	8.574	43	1118986	240.404	ug/l	98
52) Toluene	8.720	92	441703	49.450	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	238044	47.206	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	252363	46.604	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	182735	50.351	ug/l	98
56) Ethyl methacrylate	9.116	69	268173	50.975	ug/l #	95
57) 1,3-Dichloropropane	9.311	76	286521	48.913	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	625228	253.298	ug/l	91
59) 2-Hexanone	9.433	43	899872	249.581	ug/l	96
60) Dibromochloromethane	9.525	129	201764	50.996	ug/l	96
61) 1,2-Dibromoethane	9.610	107	203460	51.101	ug/l	99
64) Tetrachloroethene	9.275	164	161800	44.785	ug/l	98
65) Chlorobenzene	10.079	112	499107	50.611	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	192220	52.325	ug/l	98
67) Ethyl Benzene	10.195	91	847873	51.274	ug/l	95
68) m/p-Xylenes	10.305	106	701990	104.307	ug/l	94
69) o-Xylene	10.646	106	347650	51.811	ug/l	94
70) Styrene	10.659	104	580025	53.357	ug/l	99
71) Bromoform	10.805	173	155551	46.181	ug/l #	98
73) Isopropylbenzene	10.963	105	906612	49.975	ug/l	99
74) N-amyl acetate	10.842	43	318778	50.840	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	301334	51.187	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	314931	60.629	ug/l	88
77) Bromobenzene	11.201	156	237738	50.319	ug/l	90
78) n-propylbenzene	11.305	91	998735	49.649	ug/l	95
79) 2-Chlorotoluene	11.366	91	614226	49.113	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	781588	50.755	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	78535	44.930	ug/l	96
82) 4-Chlorotoluene	11.457	91	705123	48.946	ug/l	94
83) tert-Butylbenzene	11.719	119	823326	52.359	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	777245	50.775	ug/l	98
85) sec-Butylbenzene	11.890	105	958803	50.541	ug/l	96
86) p-Isopropyltoluene	12.012	119	839374	51.287	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	457792	51.567	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	462009	49.565	ug/l	100
89) n-Butylbenzene	12.335	91	659065	49.042	ug/l	97
90) Hexachloroethane	12.542	117	140438	47.774	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	461275	52.304	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	64922	49.589	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	277632	52.930	ug/l	99
94) Hexachlorobutadiene	13.725	225	111128	47.479	ug/l	95
95) Naphthalene	13.774	128	959370	54.905	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	273135	53.050	ug/l	98

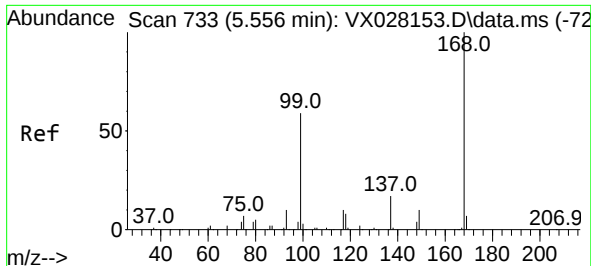
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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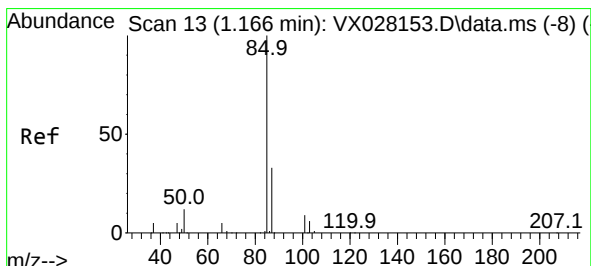
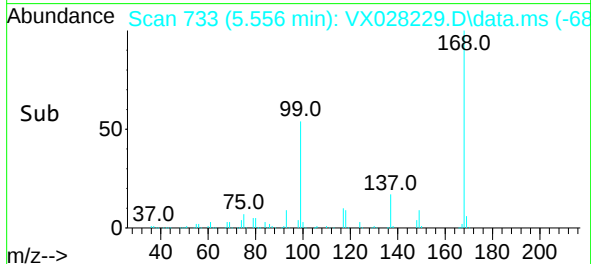
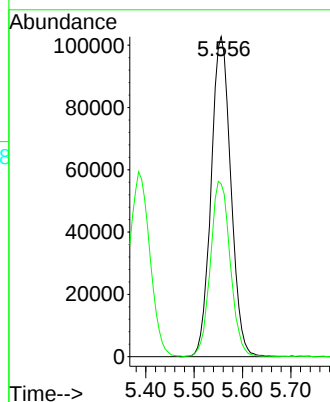
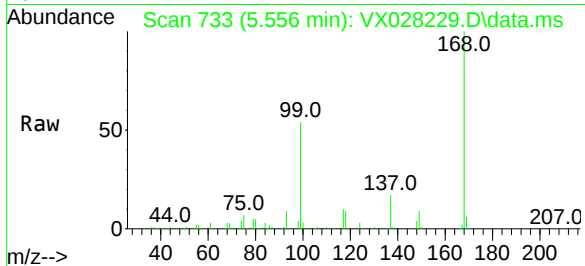
(#) = qualifier out of range (m) = manual integration (+) = signals summed



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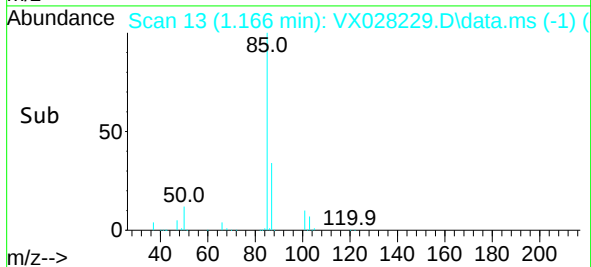
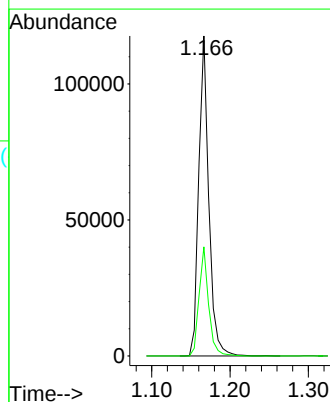
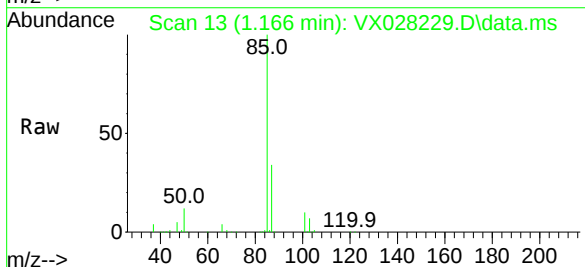
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 291465
Ion Ratio Lower Upper
168 100
99 53.9 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 55.838 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

Tgt Ion: 85 Resp: 105058
Ion Ratio Lower Upper
85 100
87 34.1 16.2 48.6

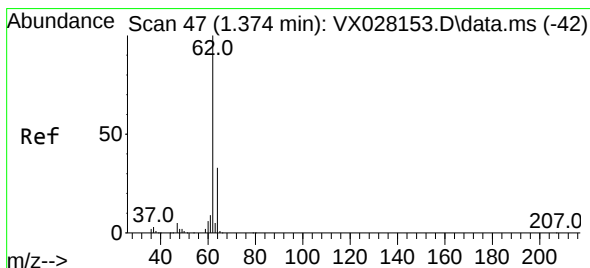
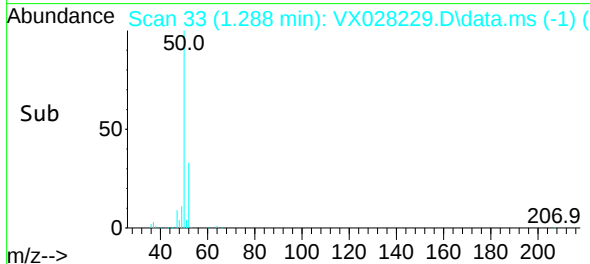
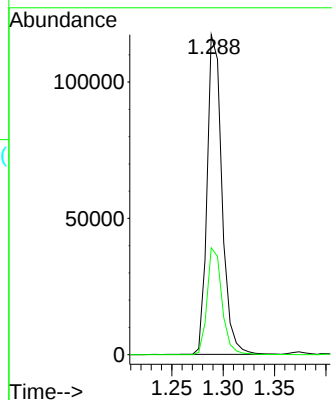
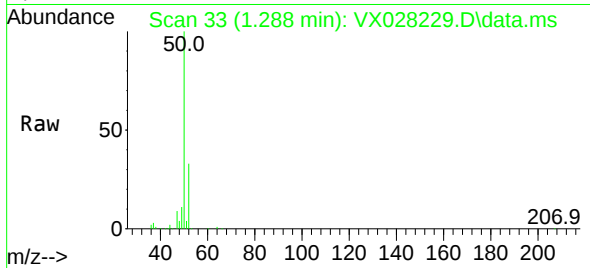




#3
Chloromethane
Concen: 62.894 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

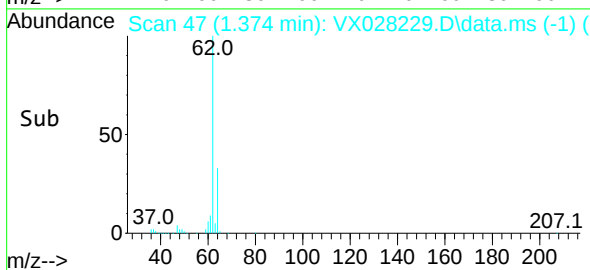
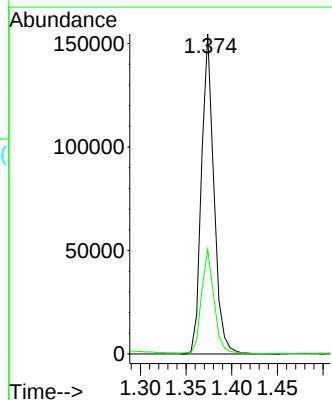
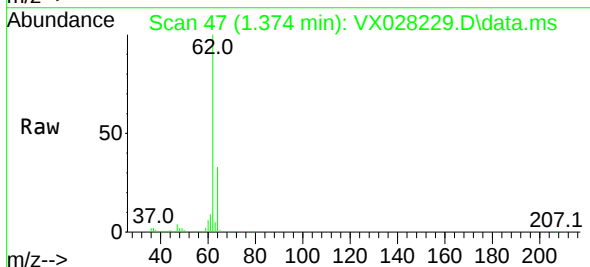
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 118118
Ion Ratio Lower Upper
50 100
52 33.4 26.4 39.6



#4
Vinyl Chloride
Concen: 50.116 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

Tgt Ion: 62 Resp: 147258
Ion Ratio Lower Upper
62 100
64 32.4 25.5 38.3

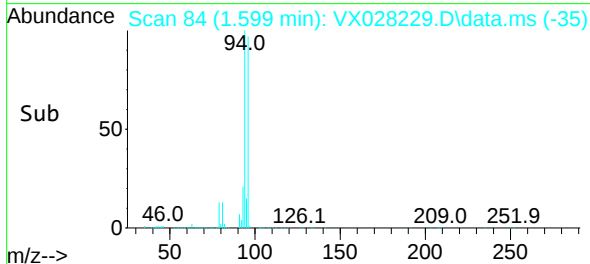
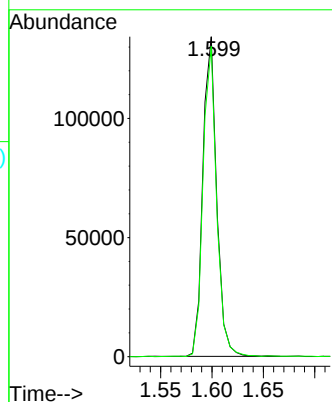
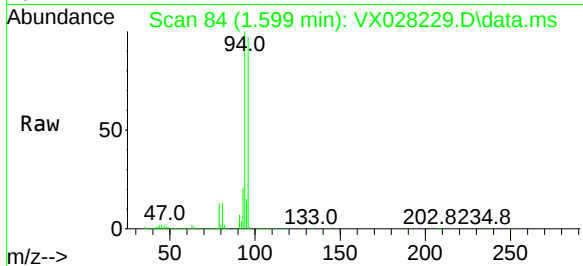




#5
Bromomethane
Concen: 47.706 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

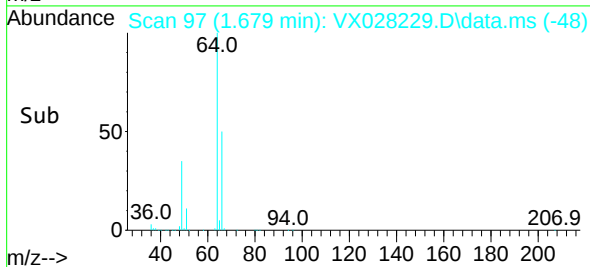
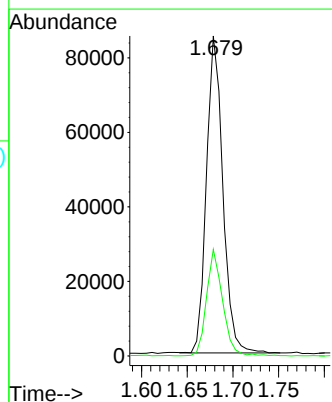
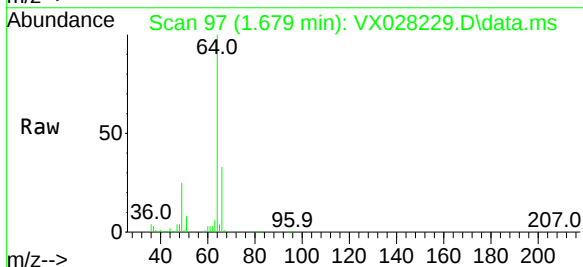
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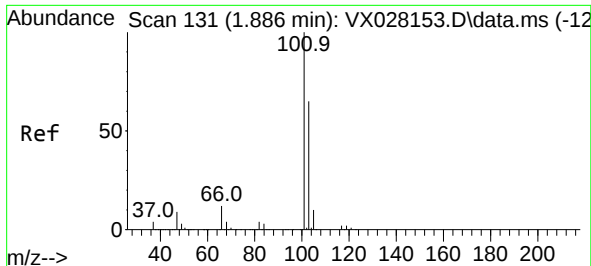
Tgt Ion: 94 Resp: 125873
Ion Ratio Lower Upper
94 100
96 96.9 75.3 112.9



#6
Chloroethane
Concen: 50.376 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

Tgt Ion: 64 Resp: 105938
Ion Ratio Lower Upper
64 100
66 33.5 25.3 37.9

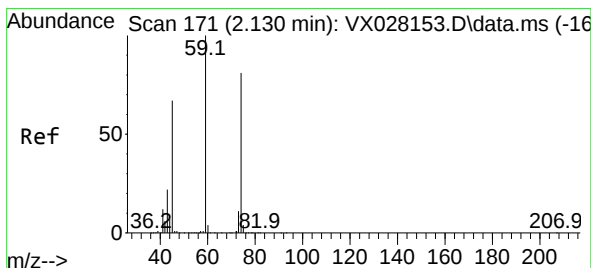
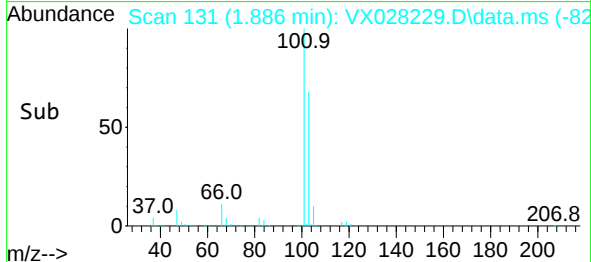
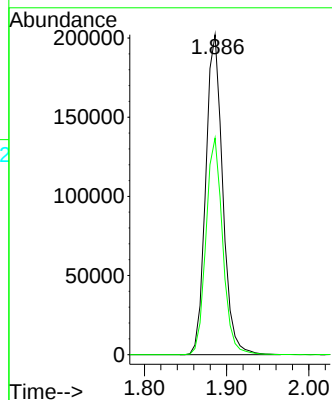
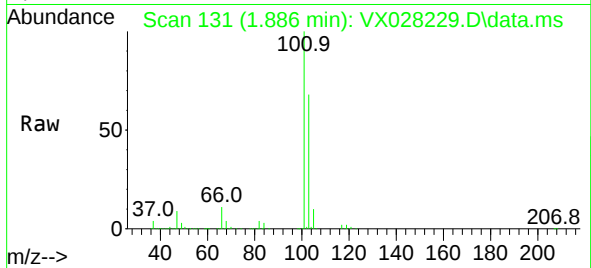




#7
 Trichlorofluoromethane
 Concen: 44.654 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX028229.D
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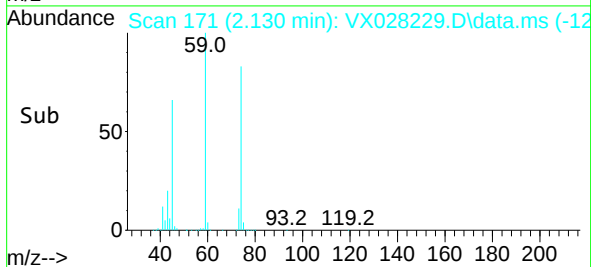
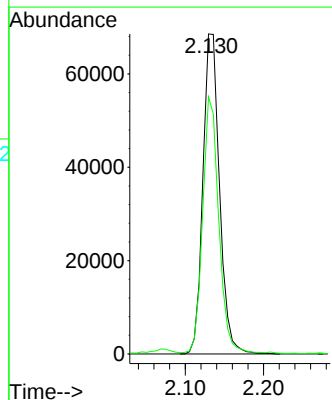
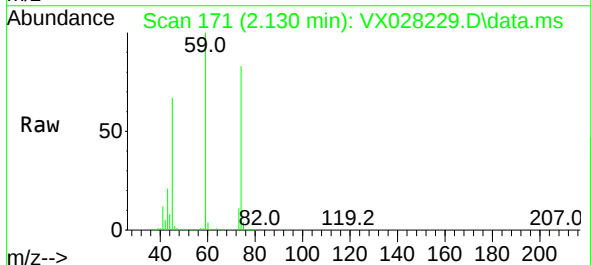
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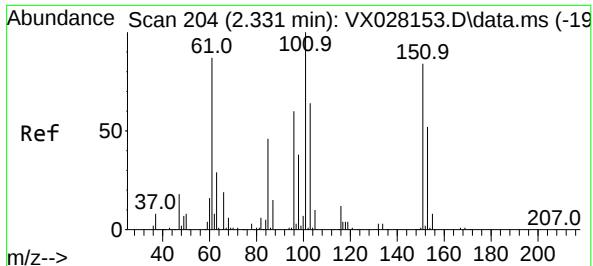
Tgt Ion:101 Resp: 289332
 Ion Ratio Lower Upper
 101 100
 103 67.7 50.5 75.7



#8
 Diethyl Ether
 Concen: 51.965 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX028229.D
 Acq: 21 Apr 2022 04:34

Tgt Ion: 74 Resp: 100923
 Ion Ratio Lower Upper
 74 100
 45 76.8 42.0 126.0

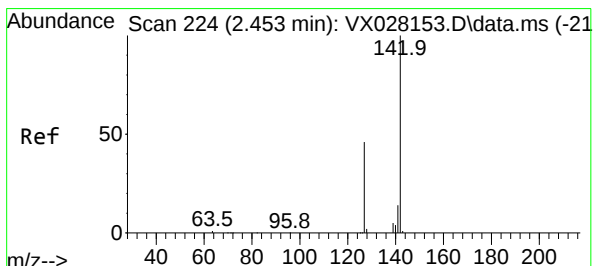
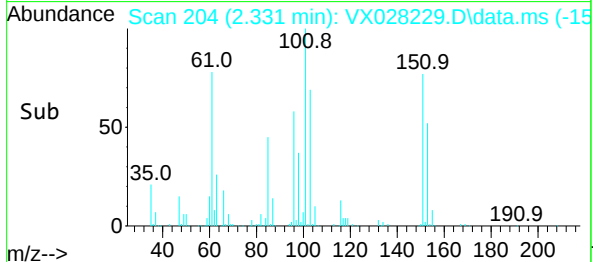
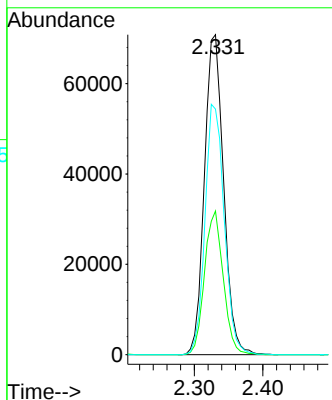
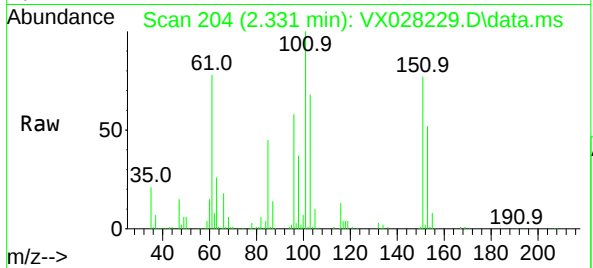




#9
1,1,2-Trichlorotrifluoroethane
Concen: 58.542 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
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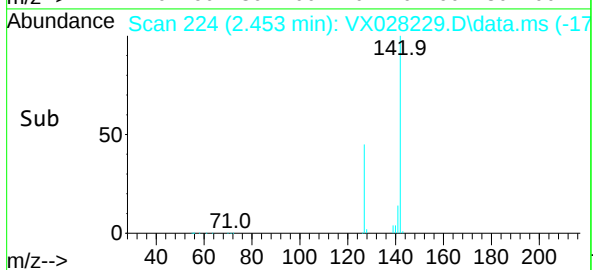
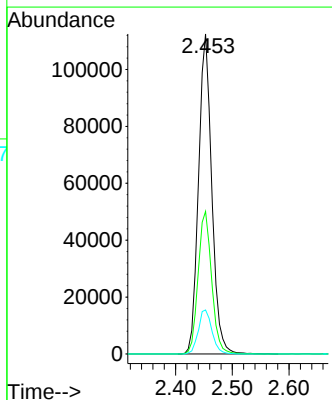
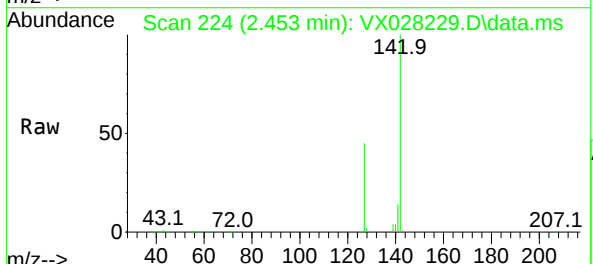
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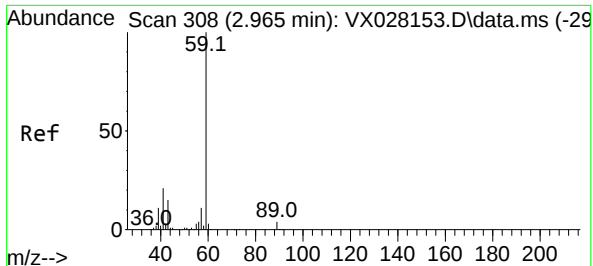
Tgt Ion:101 Resp: 138175
Ion Ratio Lower Upper
101 100
85 43.9 33.5 50.3
151 78.5 61.8 92.6



#10
Methyl Iodide
Concen: 55.865 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

Tgt Ion:142 Resp: 182540
Ion Ratio Lower Upper
142 100
127 45.5 33.9 50.9
141 14.2 11.4 17.2

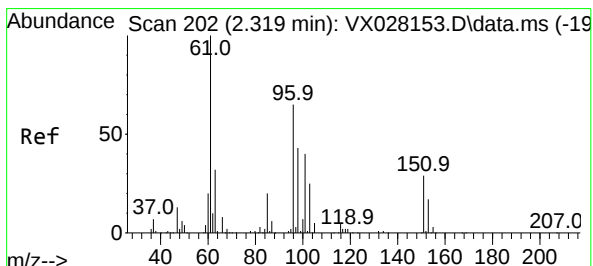
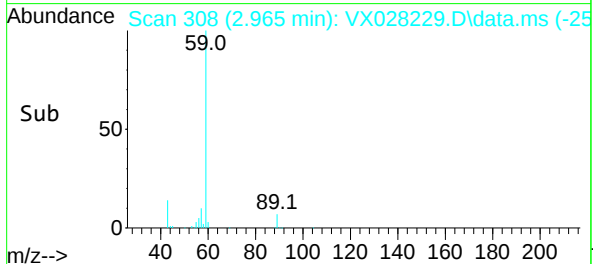
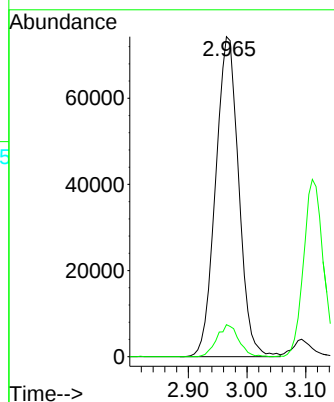
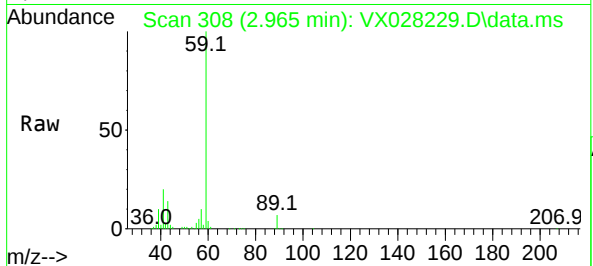




#11
Tert butyl alcohol
Concen: 279.989 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

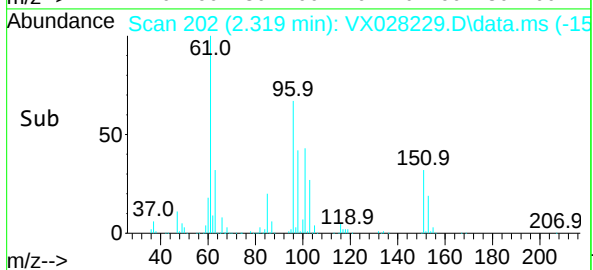
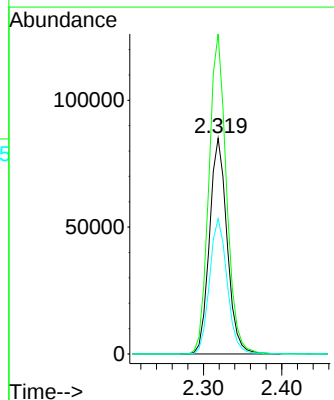
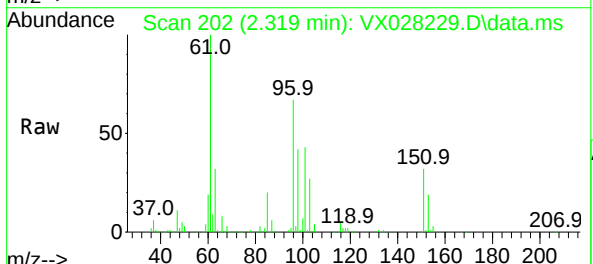
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

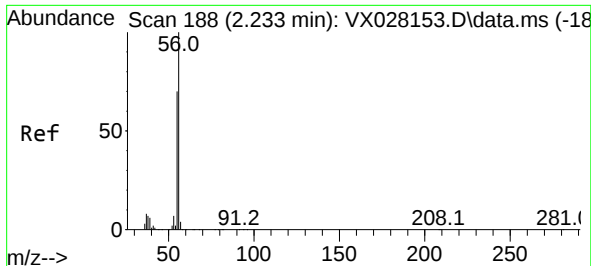
Tgt Ion: 59 Resp: 202908
Ion Ratio Lower Upper
59 100
57 9.5 8.3 12.5



#12
1,1-Dichloroethene
Concen: 59.229 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

Tgt Ion: 96 Resp: 132672
Ion Ratio Lower Upper
96 100
61 148.4 124.6 187.0
98 62.7 51.0 76.4

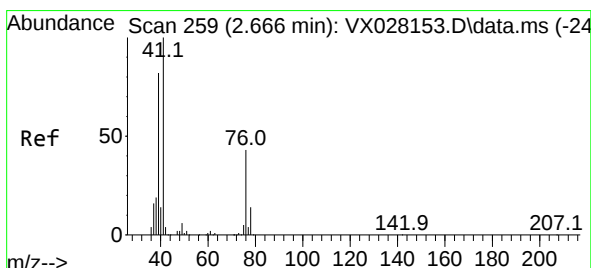
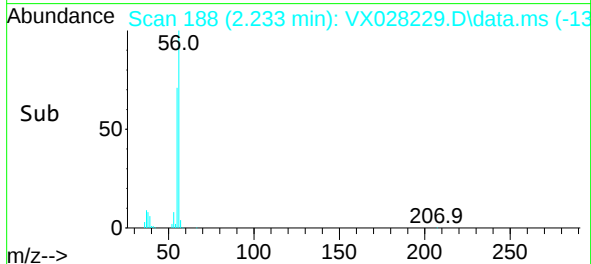
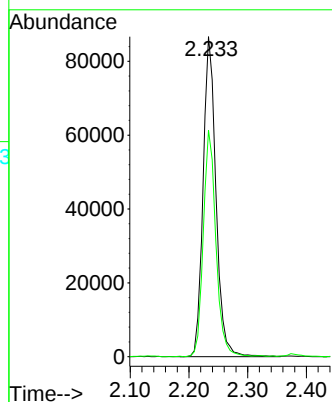
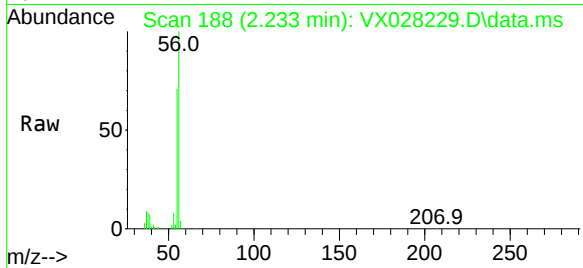




#13
Acrolein
Concen: 283.567 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

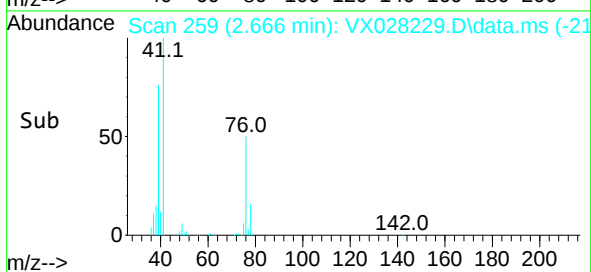
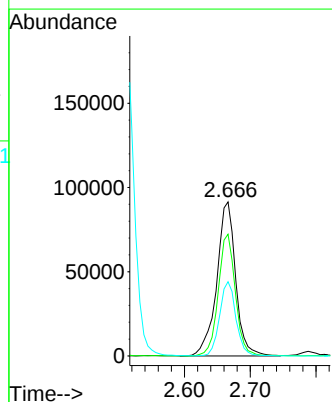
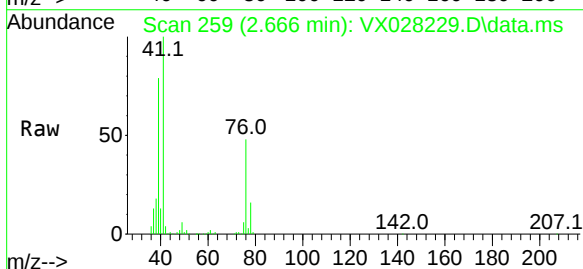
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

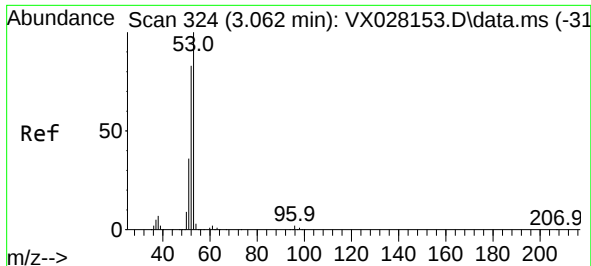
Tgt Ion: 56 Resp: 132073
Ion Ratio Lower Upper
56 100
55 69.5 55.0 82.6



#14
Allyl chloride
Concen: 48.831 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

Tgt Ion: 41 Resp: 183538
Ion Ratio Lower Upper
41 100
39 71.4 50.4 75.6
76 41.7 32.7 49.1

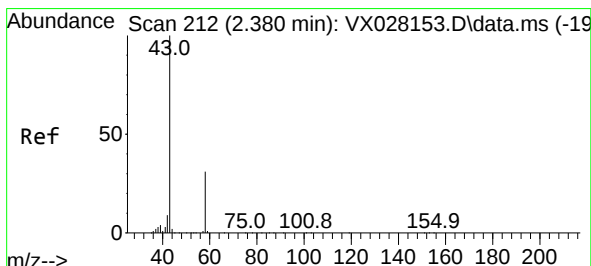
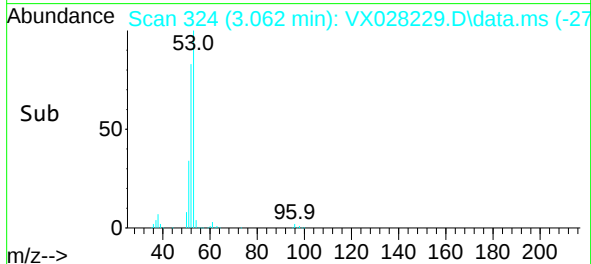
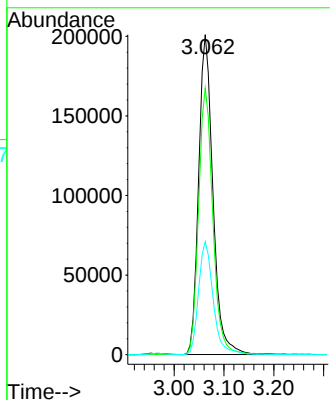
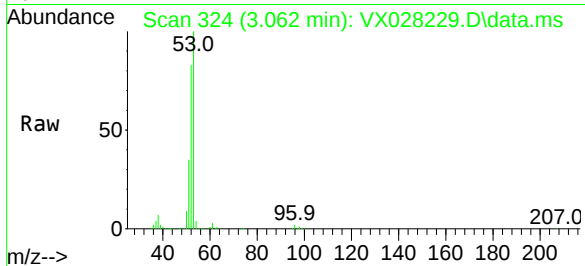




#15
Acrylonitrile
Concen: 258.444 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

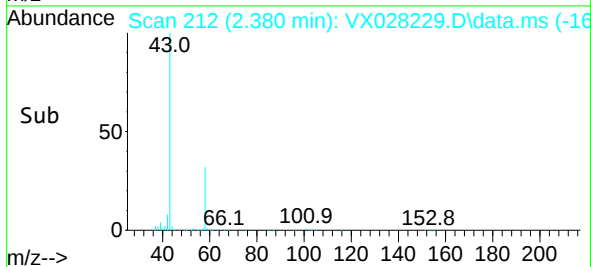
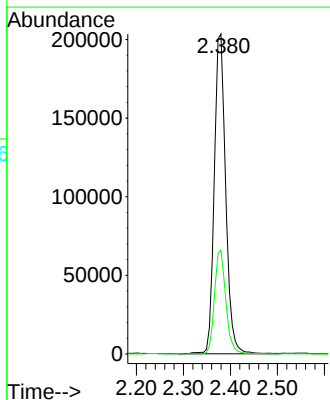
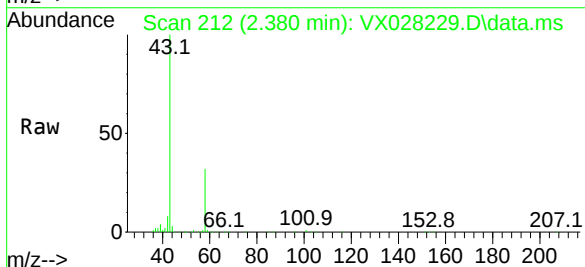
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

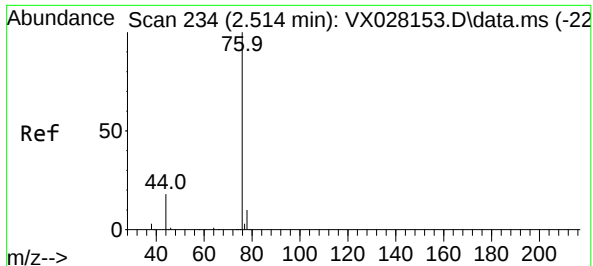
Tgt Ion: 53 Resp: 400256
Ion Ratio Lower Upper
53 100
52 83.2 65.7 98.5
51 36.2 28.4 42.6



#16
Acetone
Concen: 295.339 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

Tgt Ion: 43 Resp: 342521
Ion Ratio Lower Upper
43 100
58 32.4 28.8 43.2

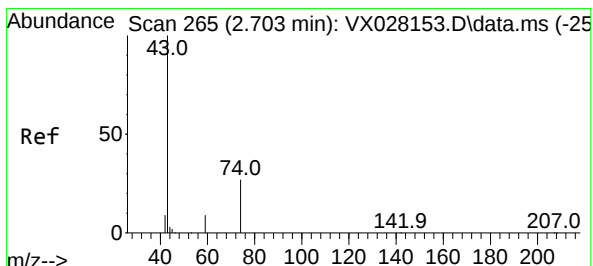
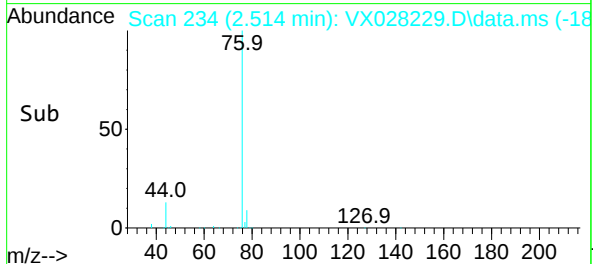
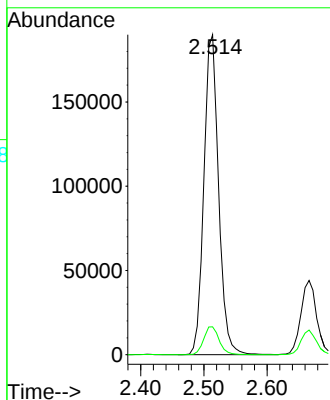
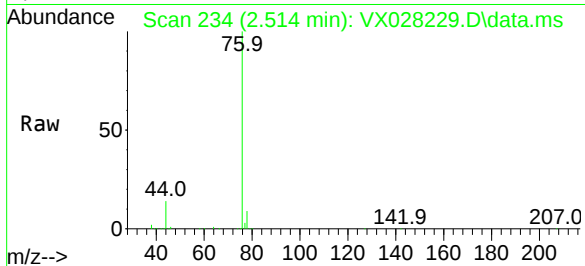




#17
Carbon Disulfide
Concen: 50.877 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

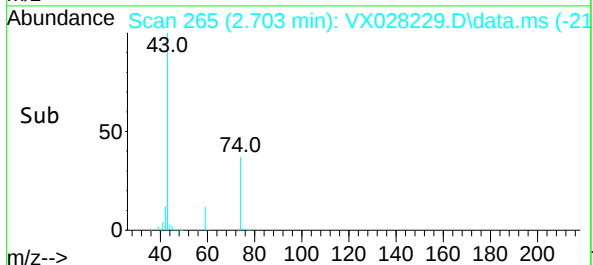
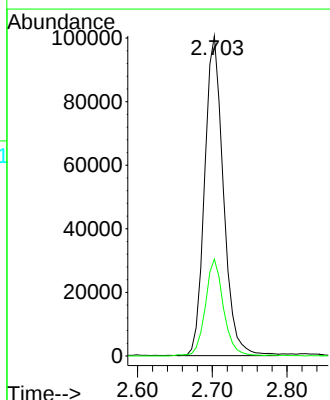
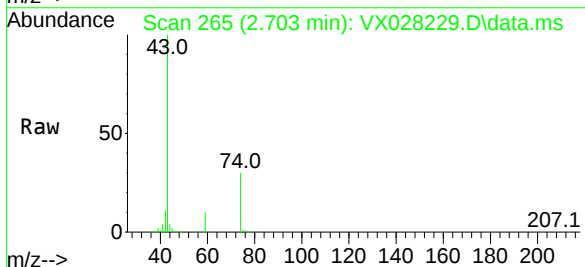
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

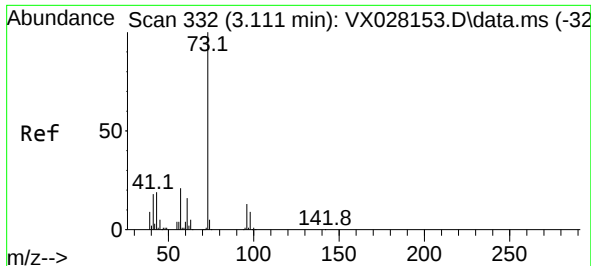
Tgt Ion: 76 Resp: 306897
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 51.928 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

Tgt Ion: 43 Resp: 175463
Ion Ratio Lower Upper
43 100
74 29.4 22.8 34.2

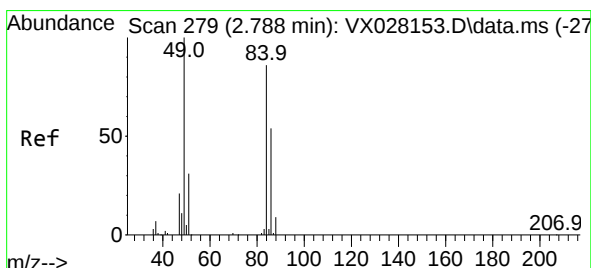
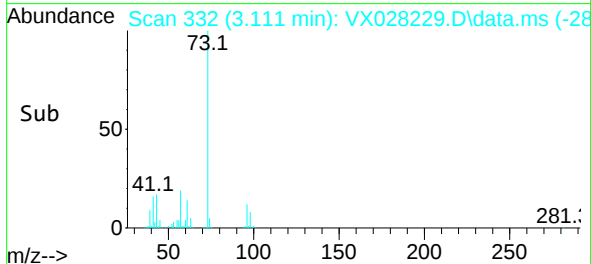
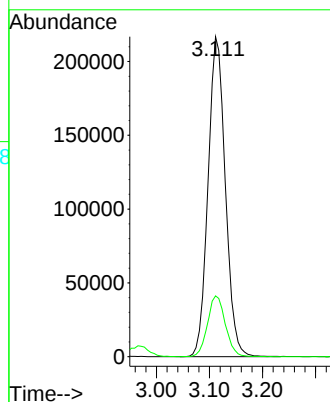
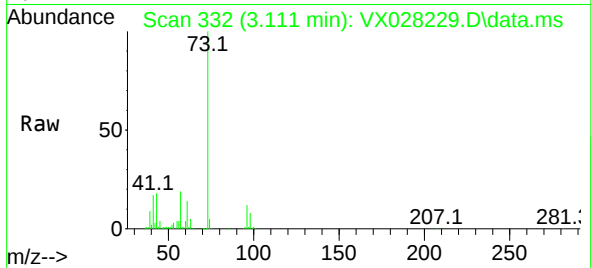




#19
Methyl tert-butyl Ether
Concen: 52.537 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

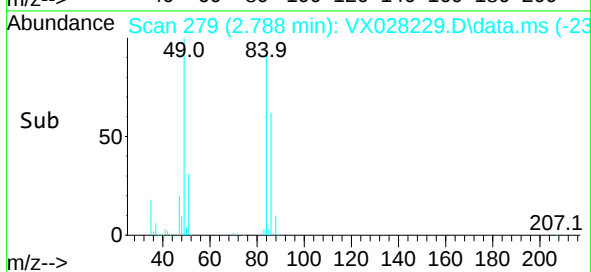
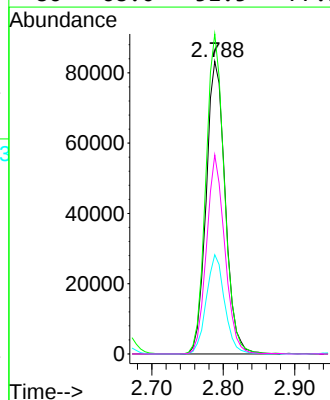
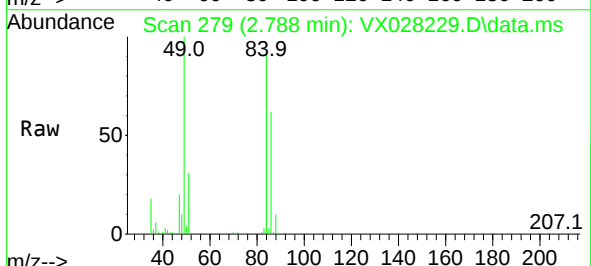
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

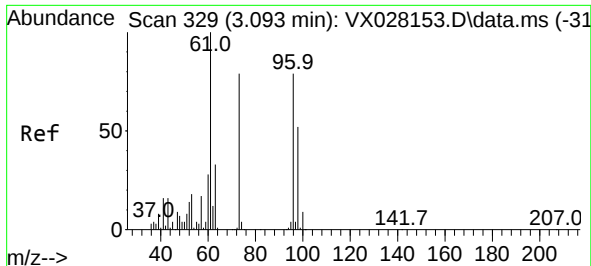
Tgt Ion: 73 Resp: 490731
Ion Ratio Lower Upper
73 100
57 19.0 16.8 25.2



#20
Methylene Chloride
Concen: 54.538 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

Tgt Ion: 84 Resp: 153787
Ion Ratio Lower Upper
84 100
49 109.4 85.5 128.3
51 33.9 26.6 39.8
86 68.0 51.5 77.3

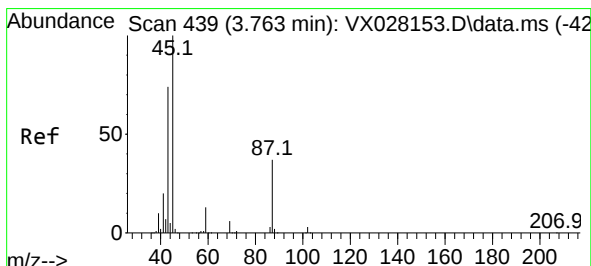
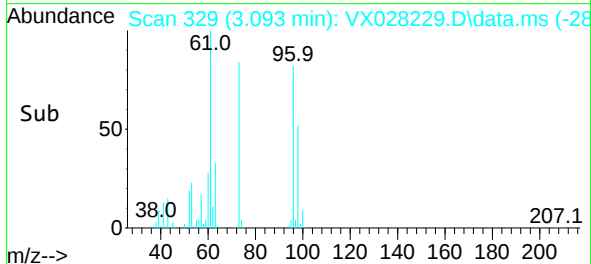
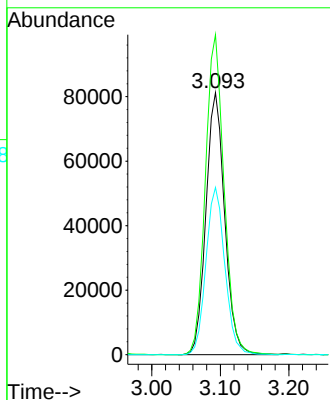
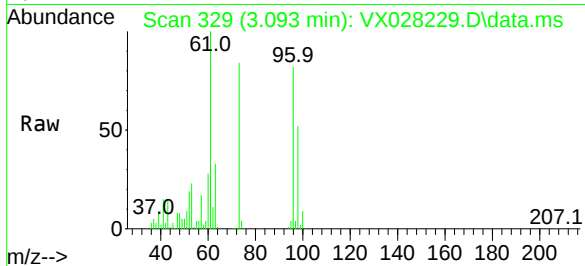




#21
trans-1,2-Dichloroethene
Concen: 50.793 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

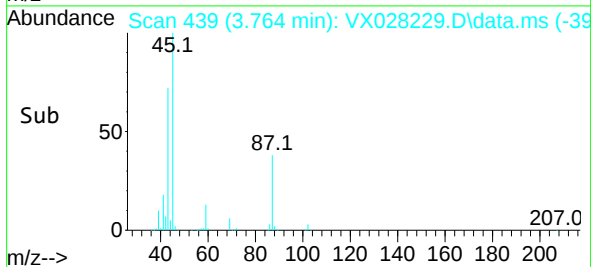
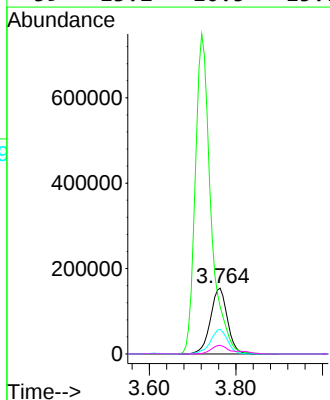
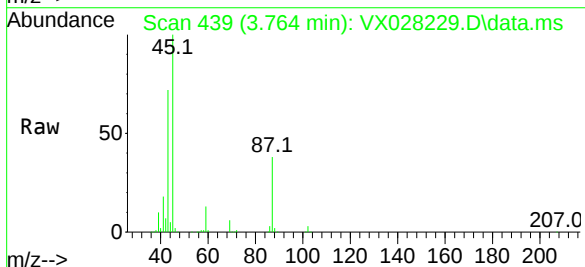
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

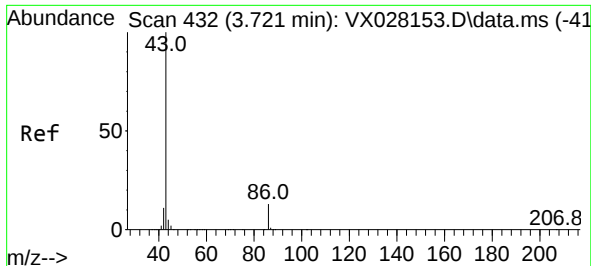
Tgt Ion: 96 Resp: 154731
Ion Ratio Lower Upper
96 100
61 122.1 105.4 158.2
98 63.8 50.0 75.0



#22
Diisopropyl ether
Concen: 48.902 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.001 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

Tgt Ion: 45 Resp: 418641
Ion Ratio Lower Upper
45 100
43 72.1 50.8 76.2
87 37.6 26.6 39.8
59 13.2 10.5 15.7

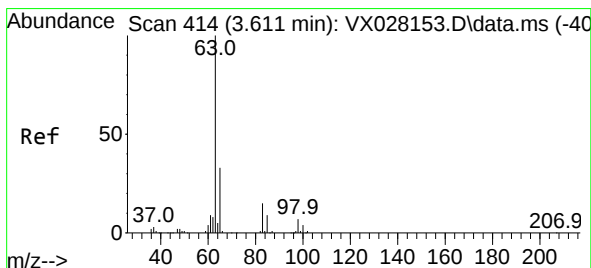
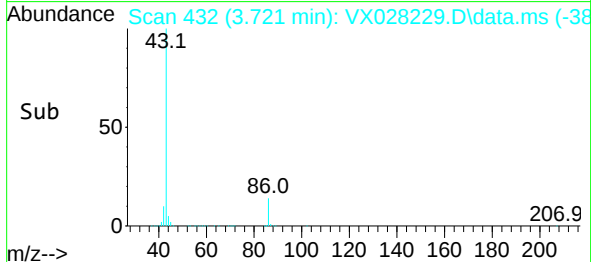
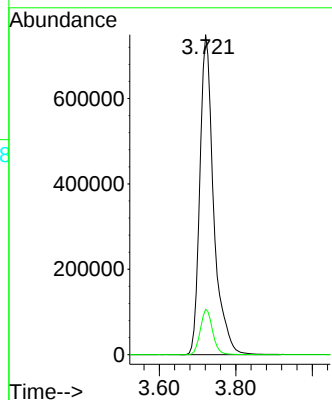
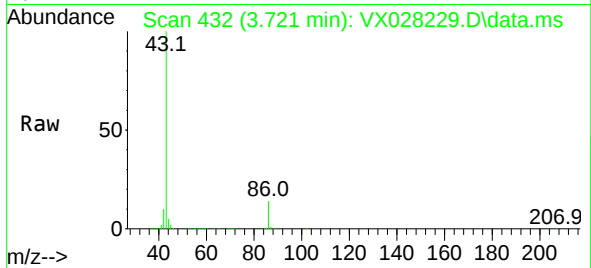




#23
 Vinyl Acetate
 Concen: 250.603 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX028229.D
 Acq: 21 Apr 2022 04:34

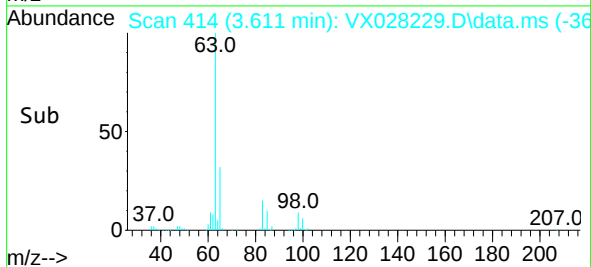
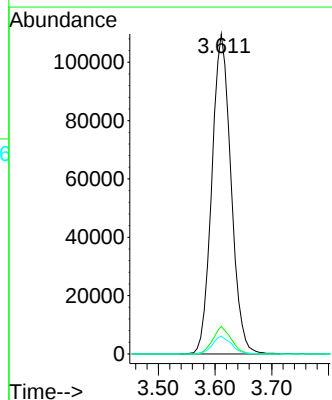
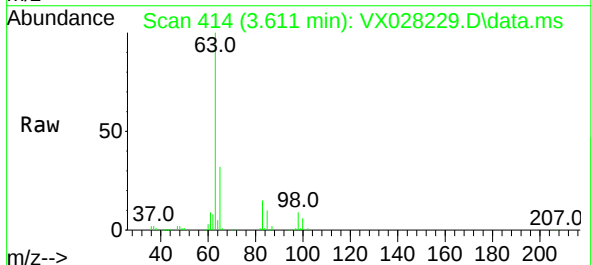
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

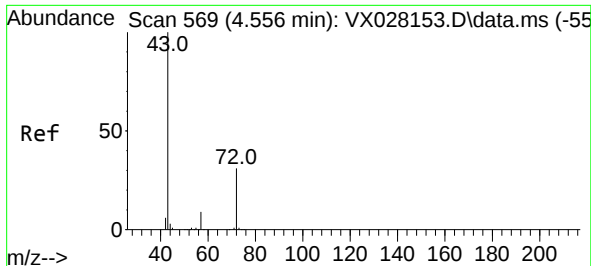
Tgt Ion: 43 Resp: 1874279
 Ion Ratio Lower Upper
 43 100
 86 14.2 10.8 16.2



#24
 1,1-Dichloroethane
 Concen: 50.930 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX028229.D
 Acq: 21 Apr 2022 04:34

Tgt Ion: 63 Resp: 257439
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.9 11.7
 100 5.5 2.4 7.2

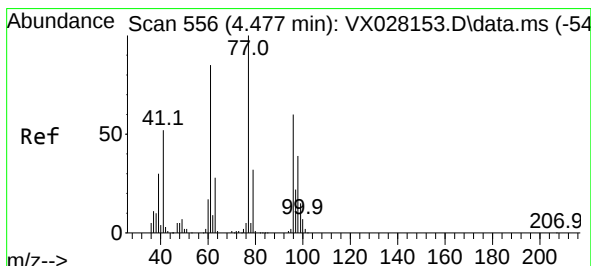
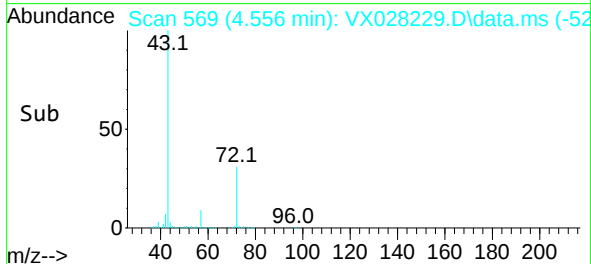
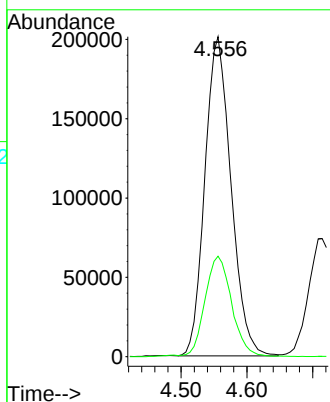
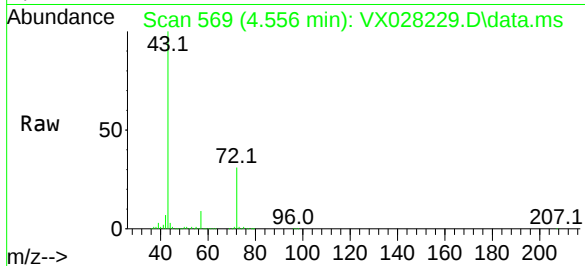




#25
2-Butanone
Concen: 247.700 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

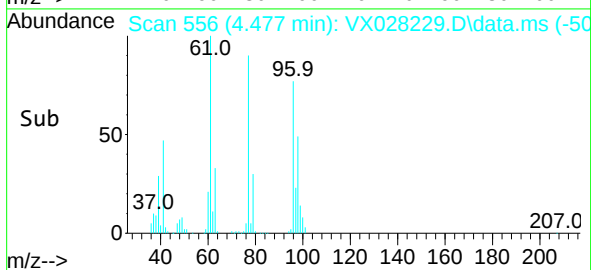
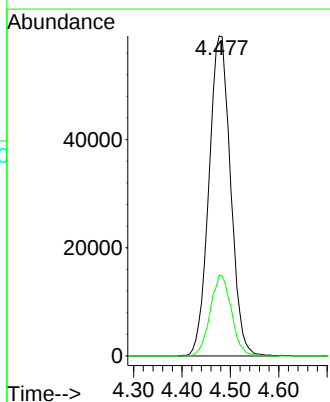
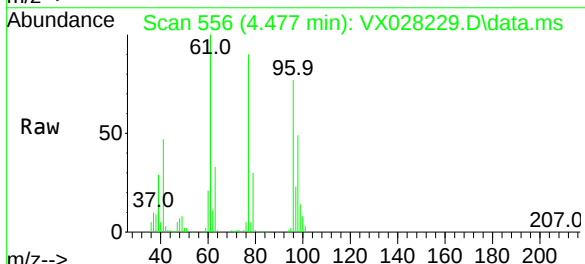
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

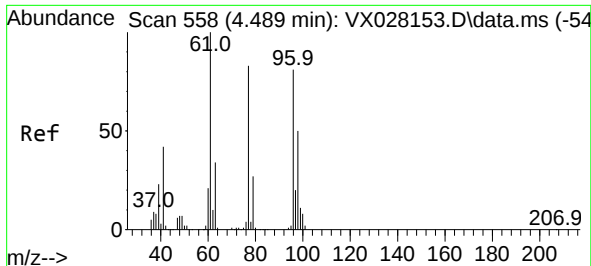
Tgt Ion: 43 Resp: 557503
Ion Ratio Lower Upper
43 100
72 31.3 24.4 36.6



#26
2,2-Dichloropropane
Concen: 37.213 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

Tgt Ion: 77 Resp: 183658
Ion Ratio Lower Upper
77 100
97 24.7 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 51.817 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX028229.D

Acq: 21 Apr 2022 04:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

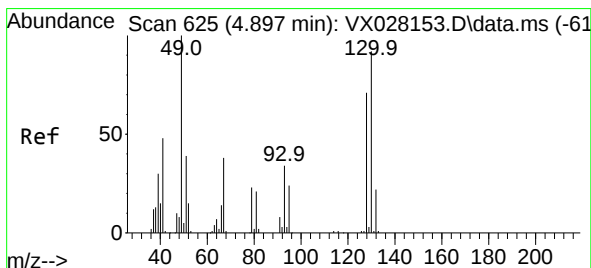
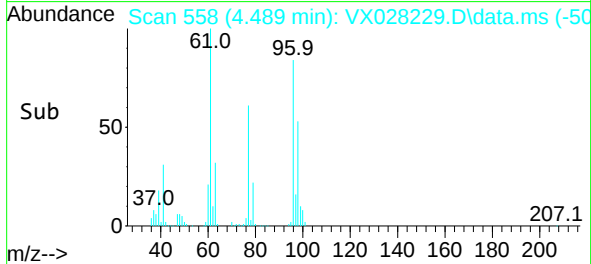
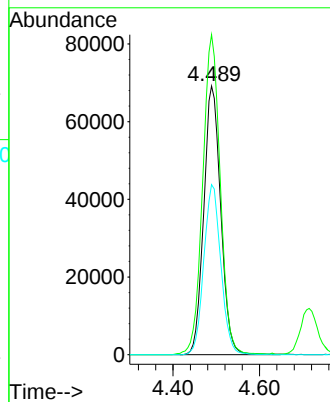
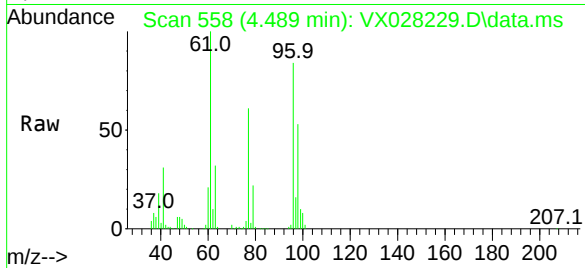
Tgt Ion: 96 Resp: 188216

Ion Ratio Lower Upper

96 100

61 123.2 0.0 283.8

98 63.4 0.0 129.8



#28

Bromochloromethane

Concen: 43.396 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.007 min

Lab File: VX028229.D

Acq: 21 Apr 2022 04:34

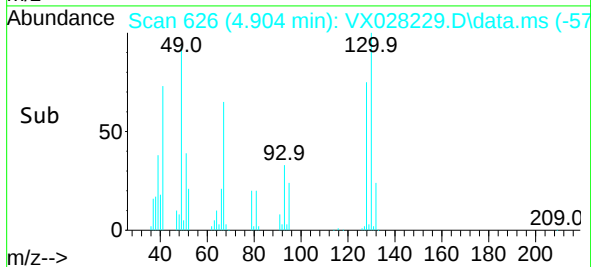
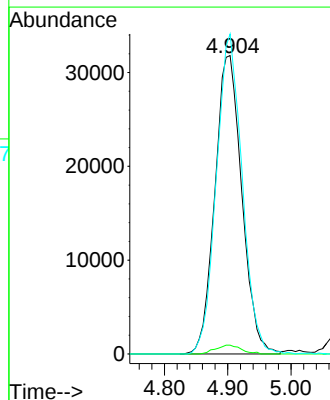
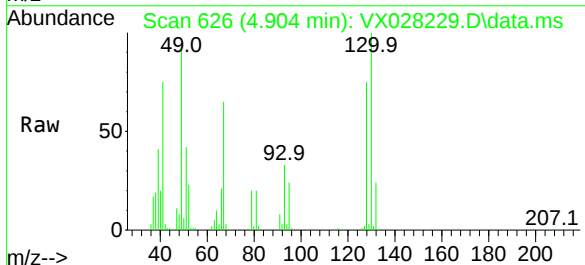
Tgt Ion: 49 Resp: 94112

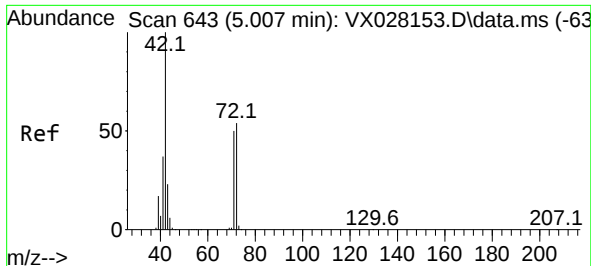
Ion Ratio Lower Upper

49 100

129 2.8 0.0 4.4

130 102.7 70.7 106.1





#29

Tetrahydrofuran

Concen: 240.473 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX028229.D

Acq: 21 Apr 2022 04:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

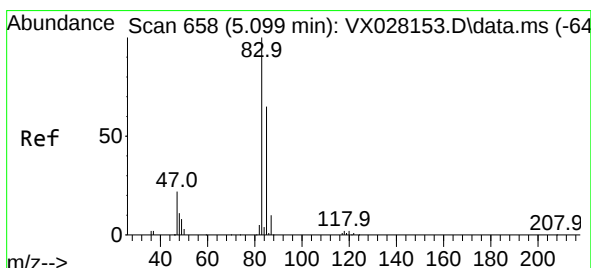
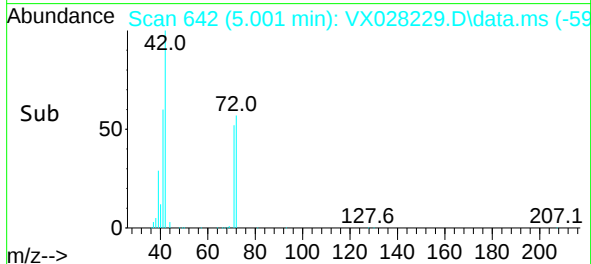
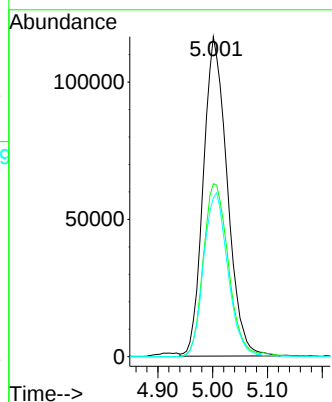
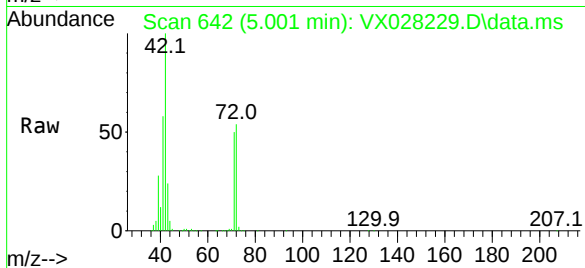
Tgt Ion: 42 Resp: 352907

Ion Ratio Lower Upper

42 100

72 57.3 44.1 66.1

71 52.3 40.5 60.7



#30

Chloroform

Concen: 49.483 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.000 min

Lab File: VX028229.D

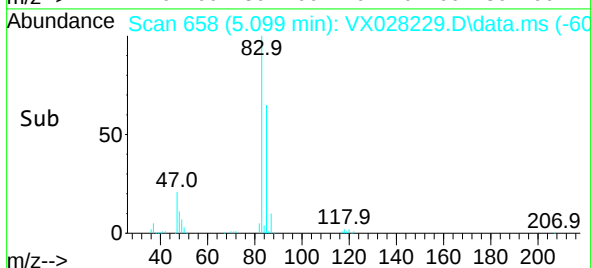
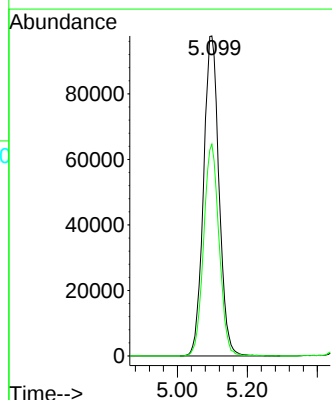
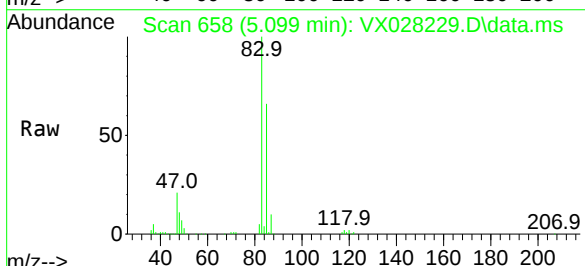
Acq: 21 Apr 2022 04:34

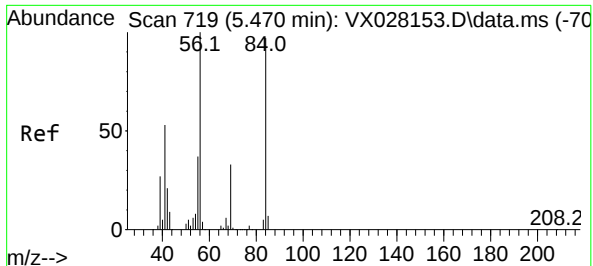
Tgt Ion: 83 Resp: 300387

Ion Ratio Lower Upper

83 100

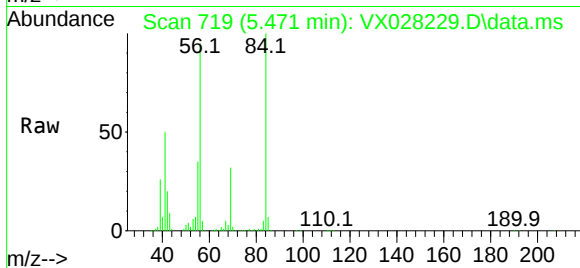
85 66.2 52.7 79.1



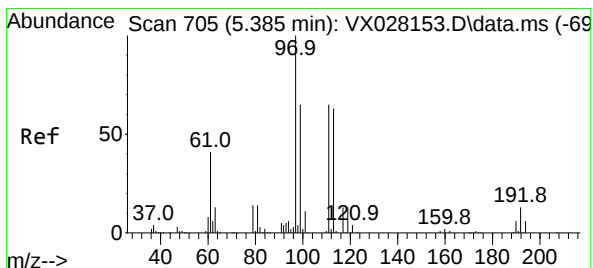
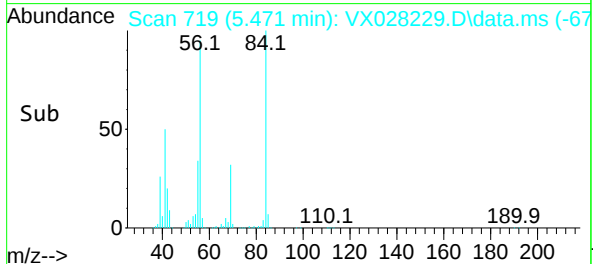
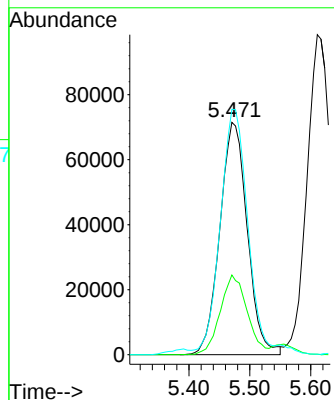


#31
Cyclohexane
Concen: 48.337 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

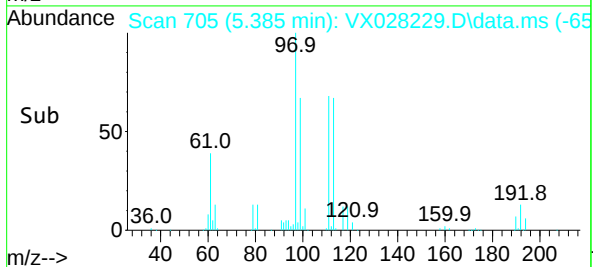
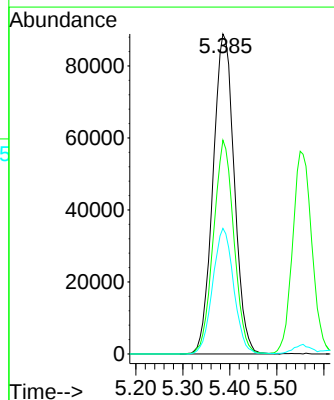
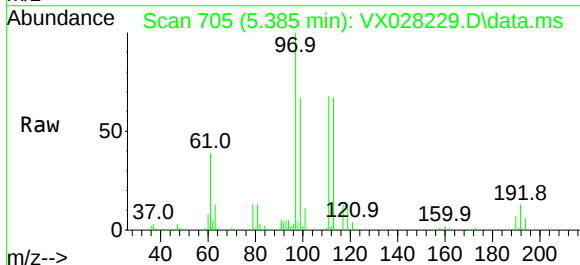


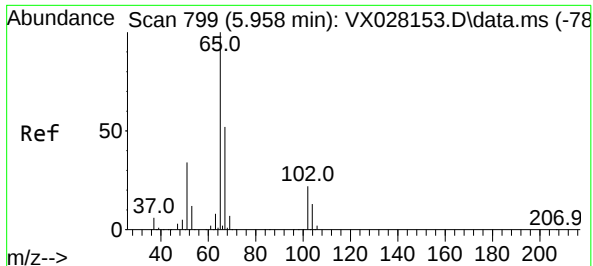
Tgt Ion: 56 Resp: 223807
Ion Ratio Lower Upper
56 100
69 34.3 26.7 40.1
84 103.4 77.2 115.8



#32
1,1,1-Trichloroethane
Concen: 50.884 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

Tgt Ion: 97 Resp: 279708
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.6
61 38.8 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 49.677 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028229.D

Acq: 21 Apr 2022 04:34

Instrument :

MSVOA_X

ClientSampleId :

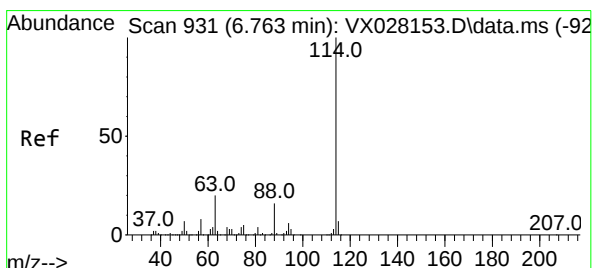
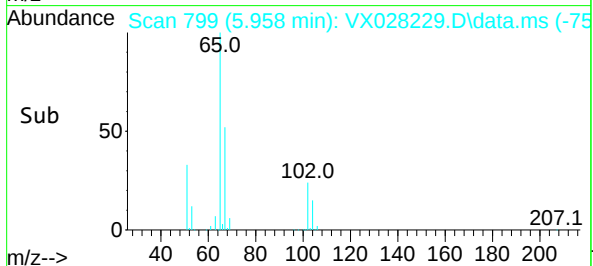
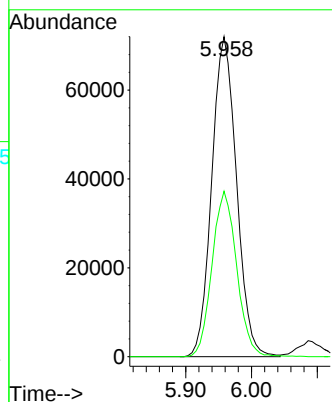
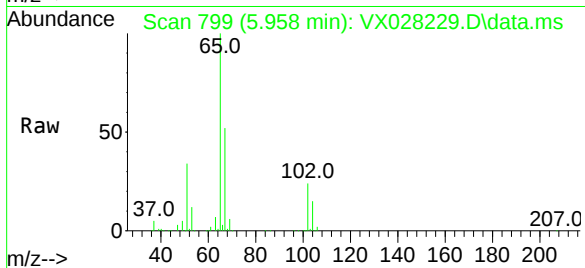
VSTDCCC050EC

Tgt Ion: 65 Resp: 188791

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: VX028229.D

Acq: 21 Apr 2022 04:34

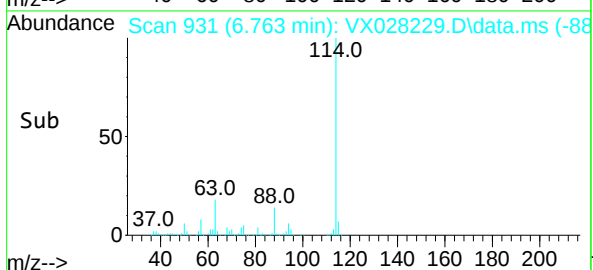
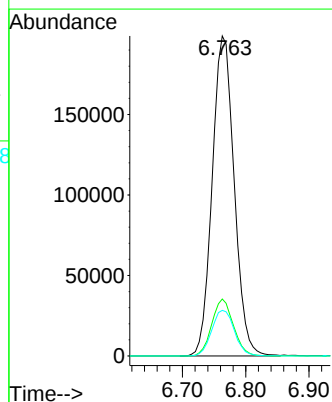
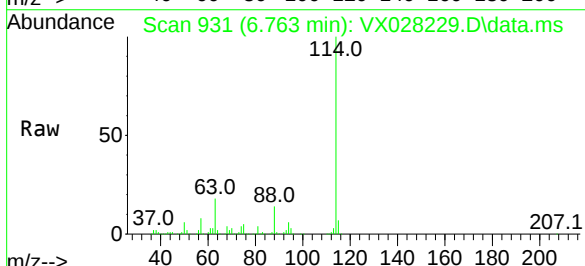
Tgt Ion: 114 Resp: 480149

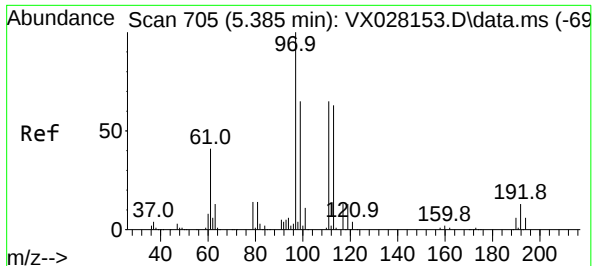
Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.8

88 14.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.212 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX028229.D

Acq: 21 Apr 2022 04:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

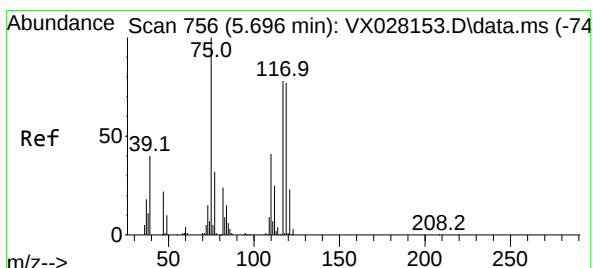
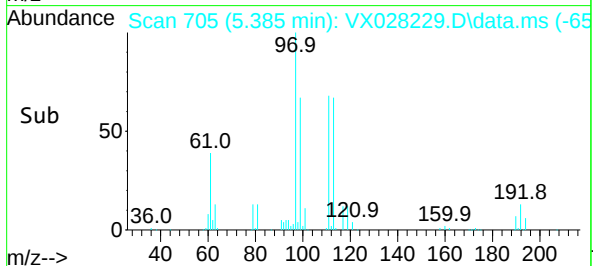
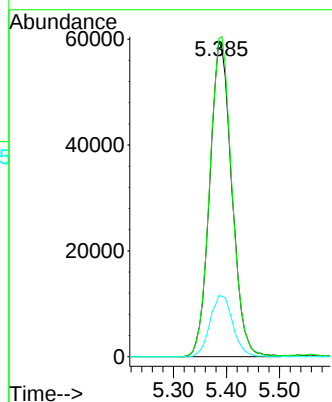
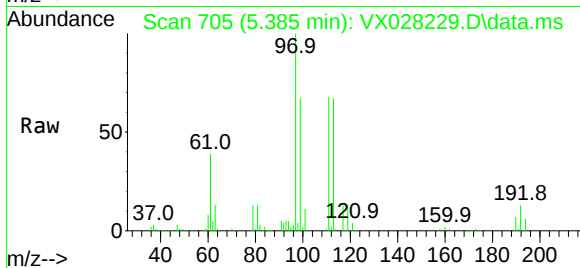
Tgt Ion:113 Resp: 172444

Ion Ratio Lower Upper

113 100

111 101.7 82.8 124.2

192 20.0 16.9 25.3



#36

1,1-Dichloropropene

Concen: 48.080 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX028229.D

Acq: 21 Apr 2022 04:34

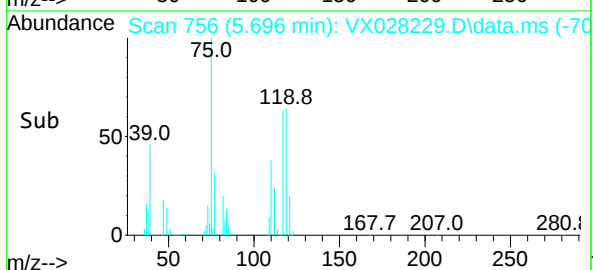
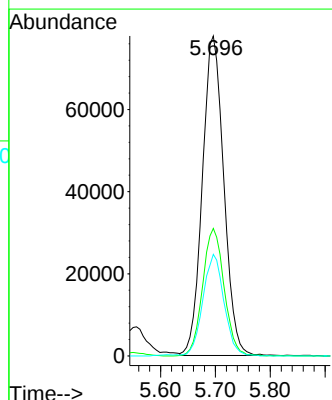
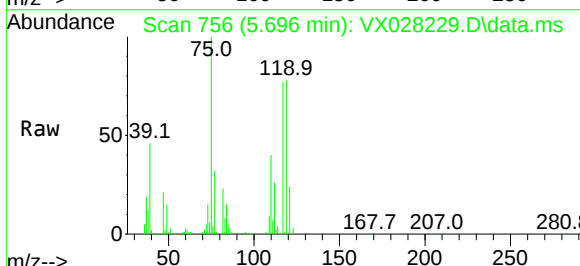
Tgt Ion: 75 Resp: 211182

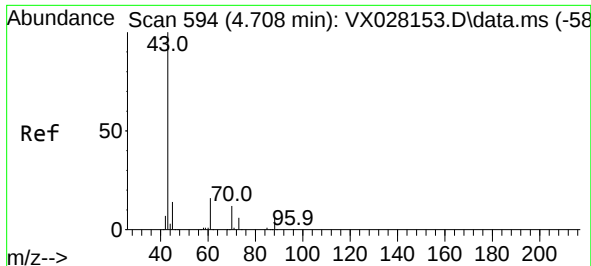
Ion Ratio Lower Upper

75 100

110 40.1 18.3 54.8

77 31.3 24.8 37.2





#37

Ethyl Acetate

Concen: 48.402 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.007 min

Lab File: VX028229.D

Acq: 21 Apr 2022 04:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

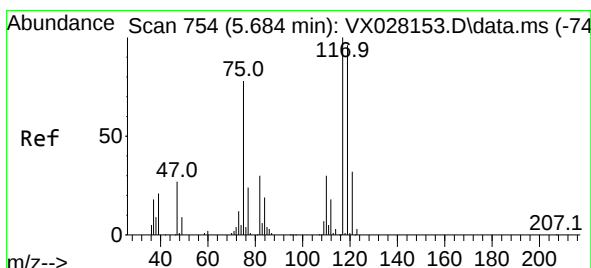
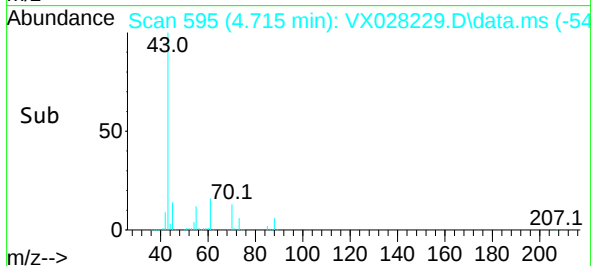
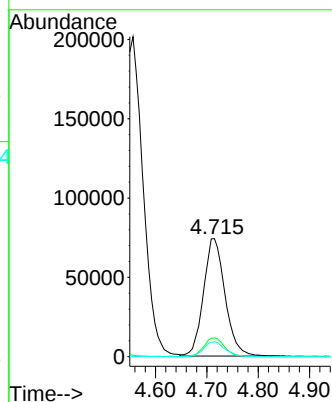
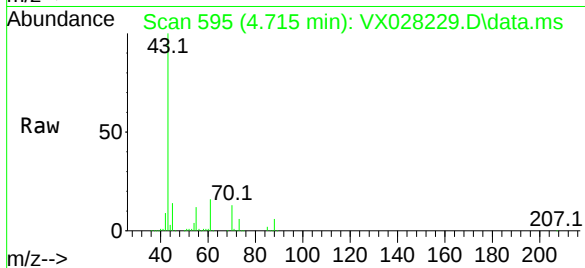
Tgt Ion: 43 Resp: 215717

Ion Ratio Lower Upper

43 100

61 15.8 12.6 19.0

70 12.6 10.2 15.2



#38

Carbon Tetrachloride

Concen: 49.769 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.000 min

Lab File: VX028229.D

Acq: 21 Apr 2022 04:34

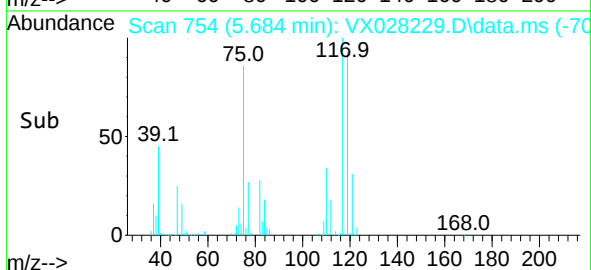
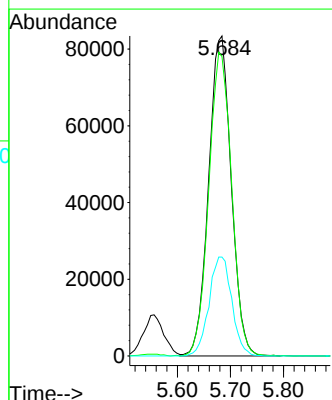
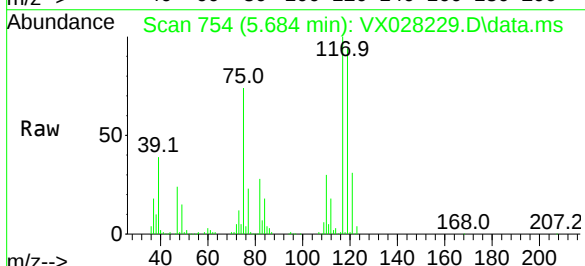
Tgt Ion: 117 Resp: 246772

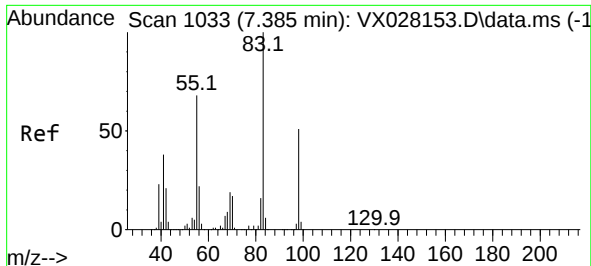
Ion Ratio Lower Upper

117 100

119 93.6 77.3 115.9

121 30.9 24.2 36.2

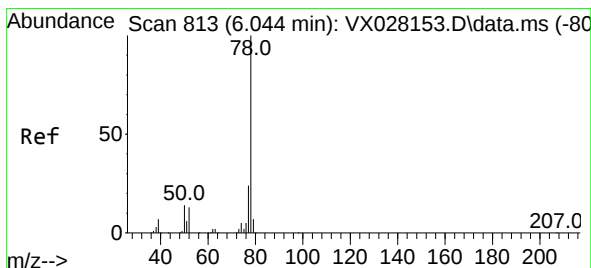
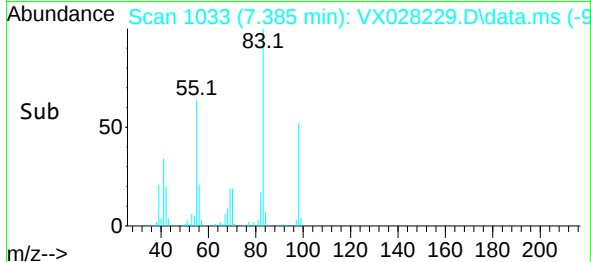
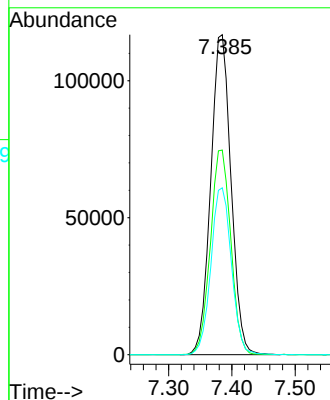
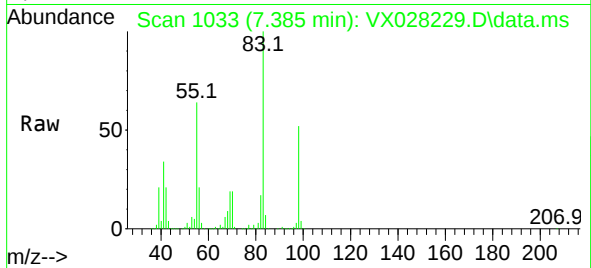




#39
Methylcyclohexane
Concen: 46.943 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

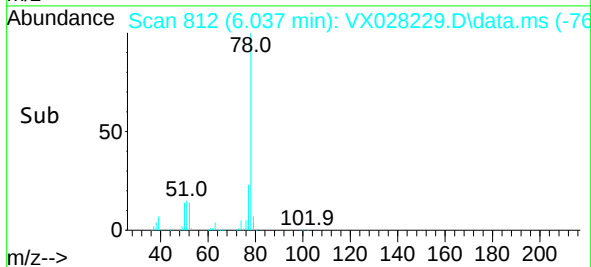
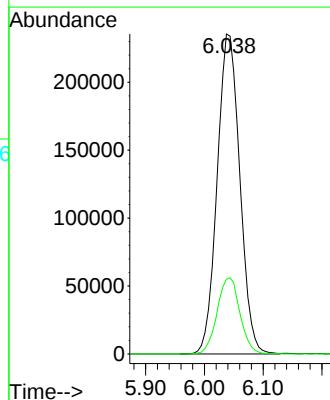
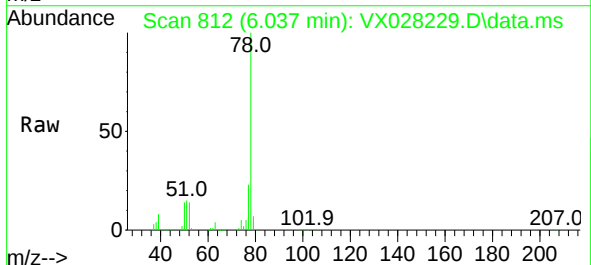
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

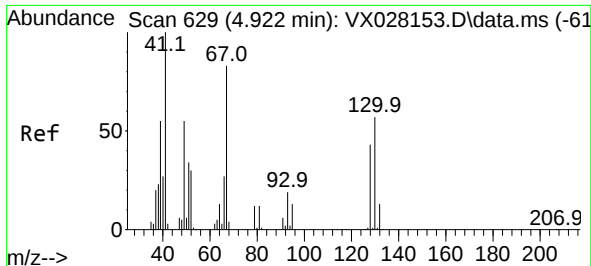
Tgt Ion: 83 Resp: 260156
Ion Ratio Lower Upper
83 100
55 64.0 54.6 81.8
98 52.1 37.4 56.2



#40
Benzene
Concen: 49.087 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

Tgt Ion: 78 Resp: 631116
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9

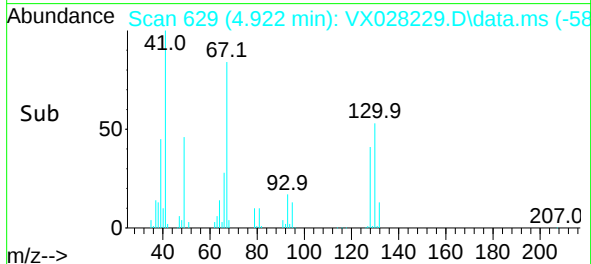
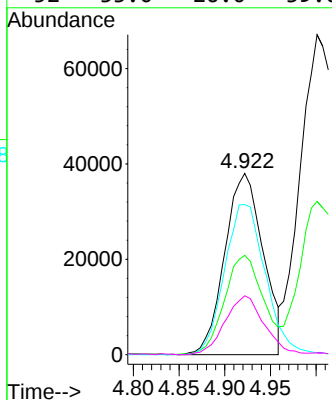
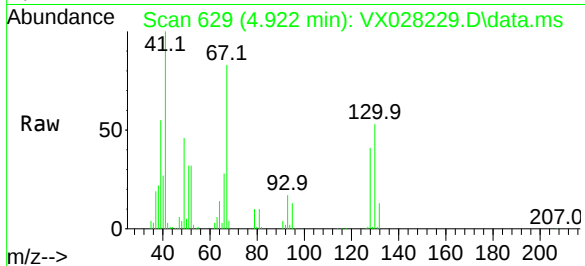




#41
Methacrylonitrile
Concen: 48.373 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

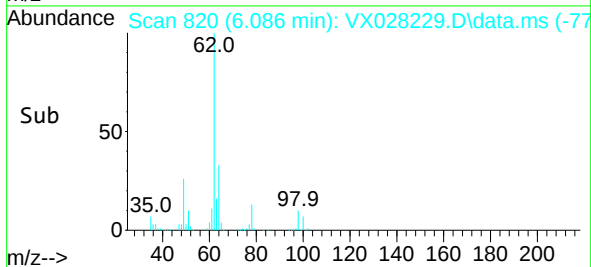
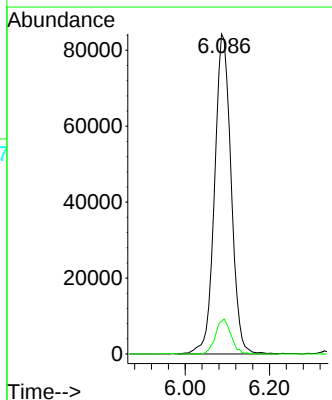
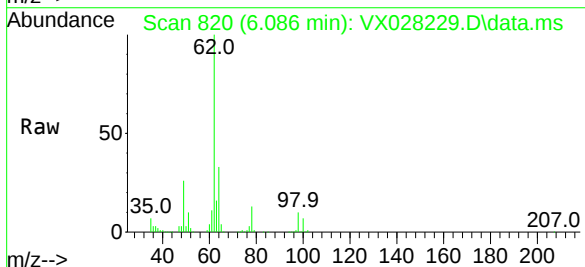
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

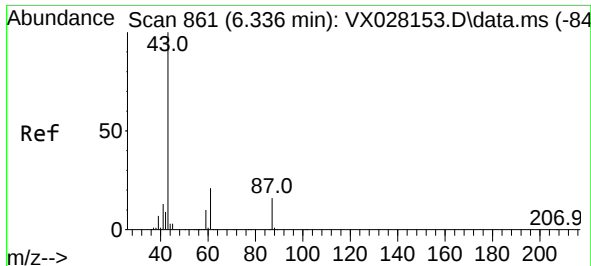
Tgt Ion: 41 Resp: 111230
Ion Ratio Lower Upper
41 100
39 55.3 43.0 64.4
67 88.3 70.2 105.4
52 33.0 26.0 39.0



#42
1,2-Dichloroethane
Concen: 47.895 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

Tgt Ion: 62 Resp: 228584
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.4

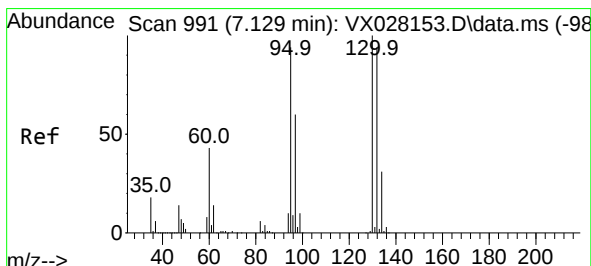
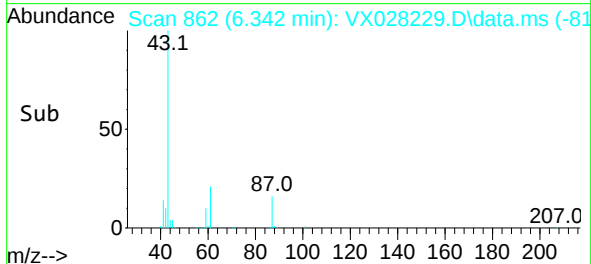
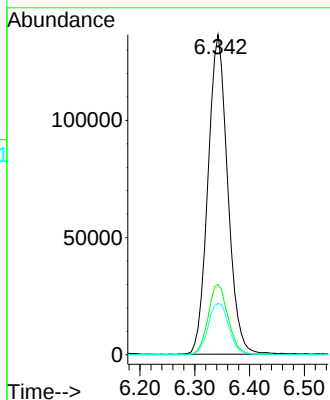
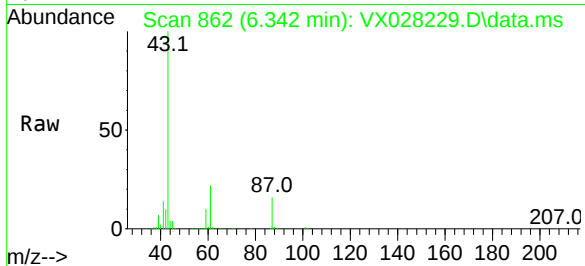




#43
Isopropyl Acetate
Concen: 46.935 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

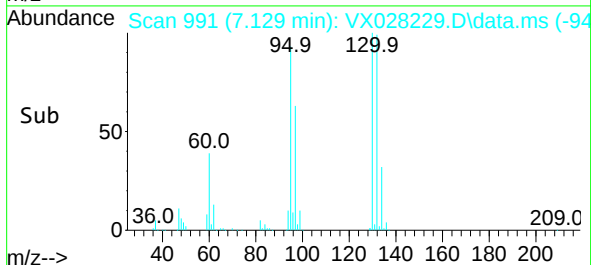
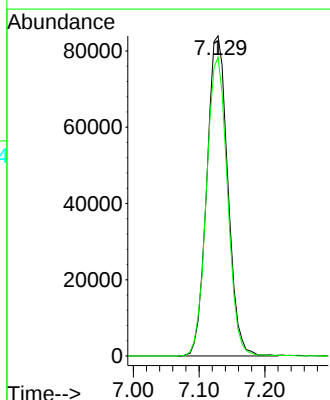
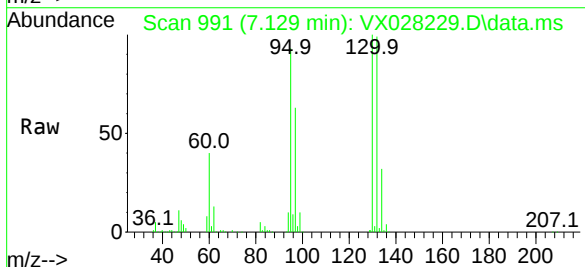
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

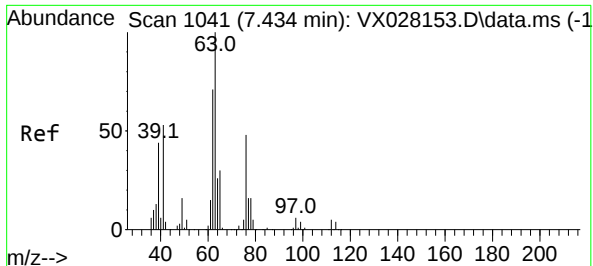
Tgt Ion: 43 Resp: 340438
Ion Ratio Lower Upper
43 100
61 22.2 18.5 27.7
87 17.0 13.0 19.6



#44
Trichloroethene
Concen: 50.030 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

Tgt Ion:130 Resp: 186531
Ion Ratio Lower Upper
130 100
95 93.4 0.0 188.8





#45

1,2-Dichloropropane

Concen: 47.851 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX028229.D

Acq: 21 Apr 2022 04:34

Instrument :

MSVOA_X

ClientSampleId :

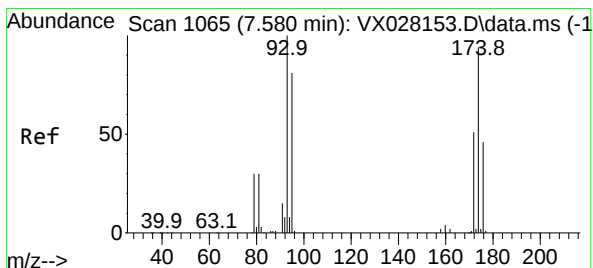
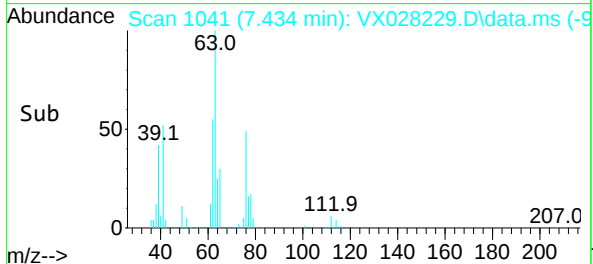
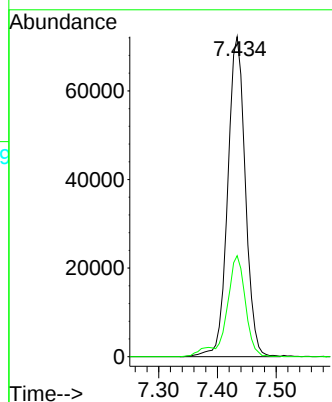
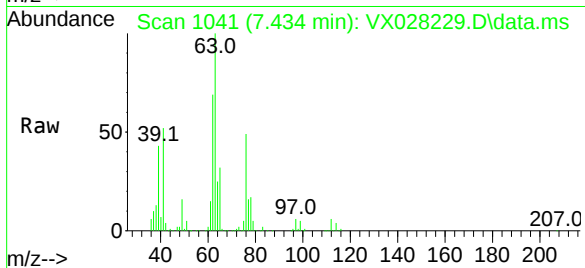
VSTDCCC050EC

Tgt Ion: 63 Resp: 150590

Ion Ratio Lower Upper

63 100

65 31.5 25.8 38.6



#46

Dibromomethane

Concen: 50.471 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX028229.D

Acq: 21 Apr 2022 04:34

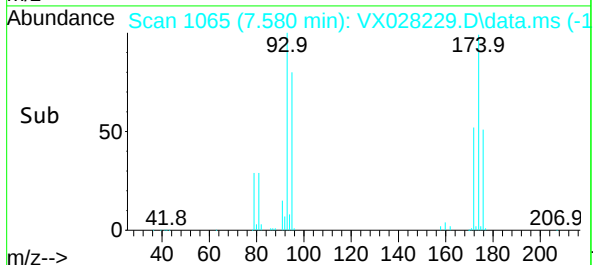
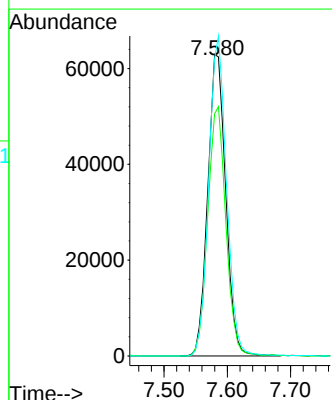
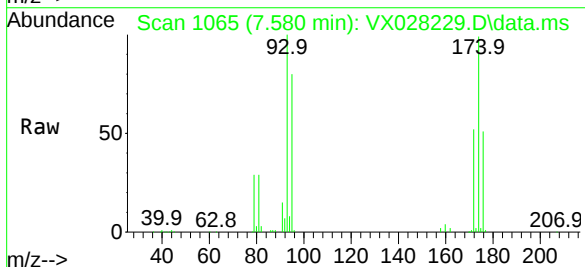
Tgt Ion: 93 Resp: 124599

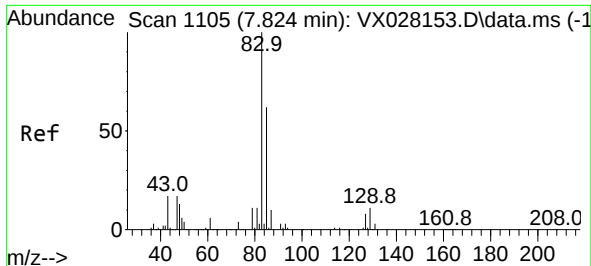
Ion Ratio Lower Upper

93 100

95 83.2 65.8 98.6

174 104.5 85.4 128.2

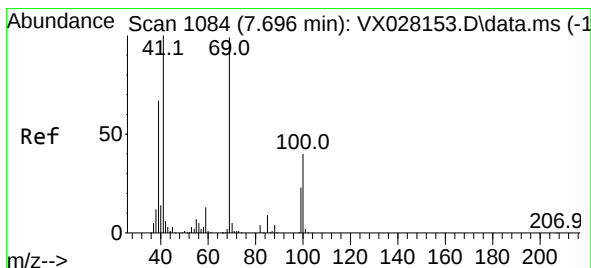
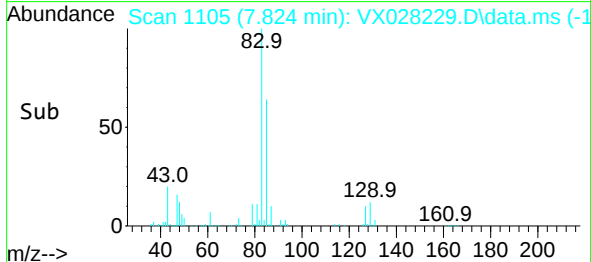
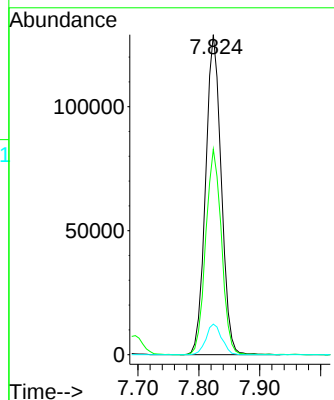
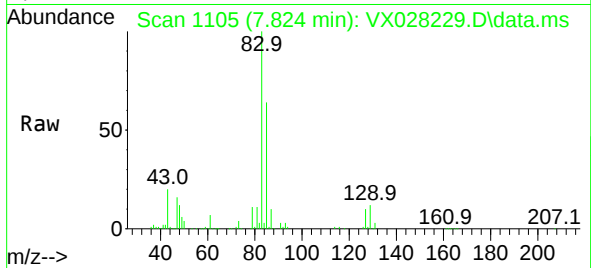




#47
 Bromodichloromethane
 Concen: 48.543 ug/l
 RT: 7.824 min Scan# 1105
 Delta R.T. -0.000 min
 Lab File: VX028229.D
 Acq: 21 Apr 2022 04:34

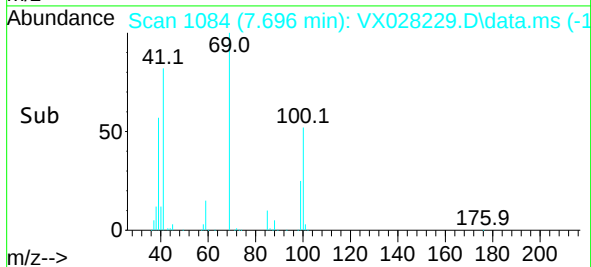
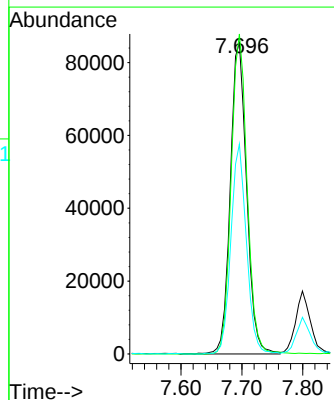
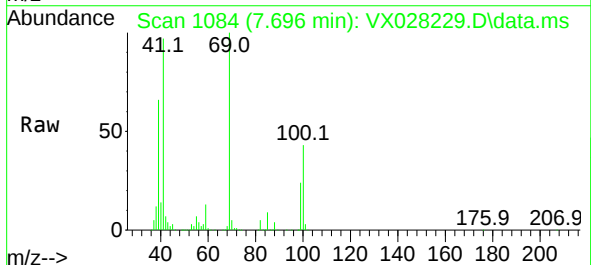
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

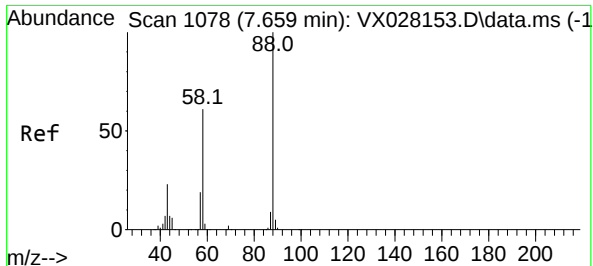
Tgt Ion: 83 Resp: 230324
 Ion Ratio Lower Upper
 83 100
 85 64.2 52.2 78.2
 127 9.5 6.8 10.2



#48
 Methyl methacrylate
 Concen: 47.744 ug/l
 RT: 7.696 min Scan# 1084
 Delta R.T. -0.000 min
 Lab File: VX028229.D
 Acq: 21 Apr 2022 04:34

Tgt Ion: 41 Resp: 158995
 Ion Ratio Lower Upper
 41 100
 69 100.2 82.5 123.7
 39 64.3 43.8 65.8





#49

1,4-Dioxane

Concen: 1032.917 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX028229.D

Acq: 21 Apr 2022 04:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

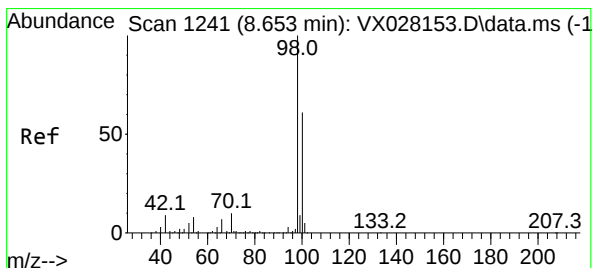
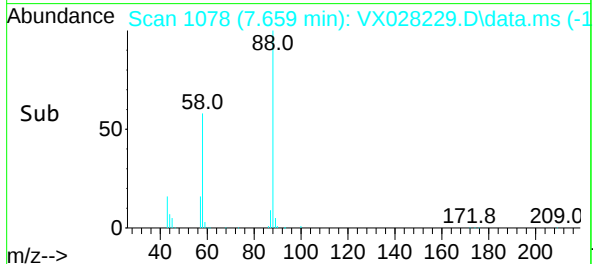
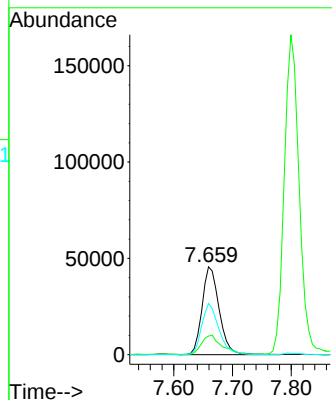
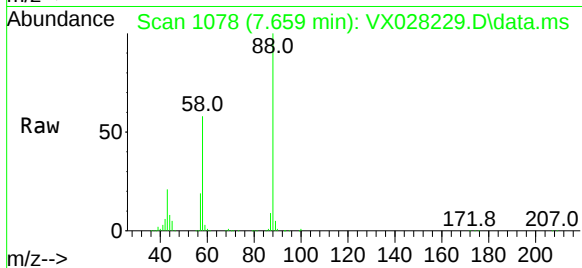
Tgt Ion: 88 Resp: 92020

Ion Ratio Lower Upper

88 100

43 25.6 21.9 32.9

58 58.2 53.7 80.5



#50

Toluene-d8

Concen: 49.190 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX028229.D

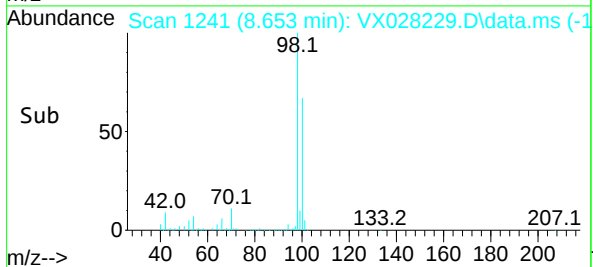
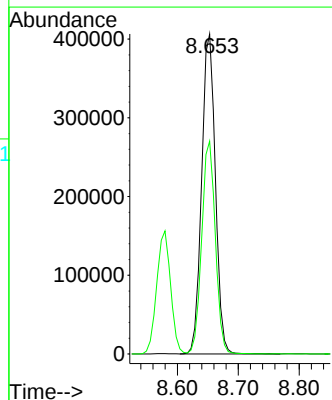
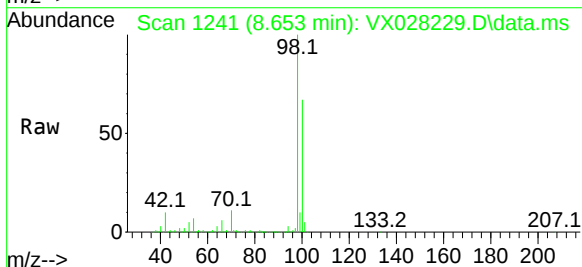
Acq: 21 Apr 2022 04:34

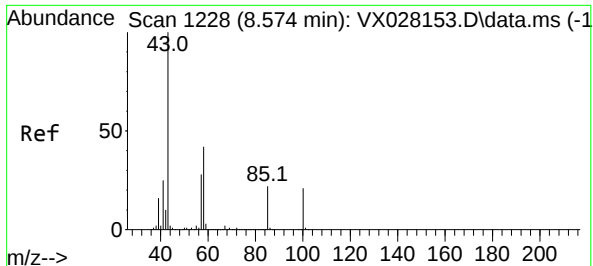
Tgt Ion: 98 Resp: 636172

Ion Ratio Lower Upper

98 100

100 66.3 52.6 78.8

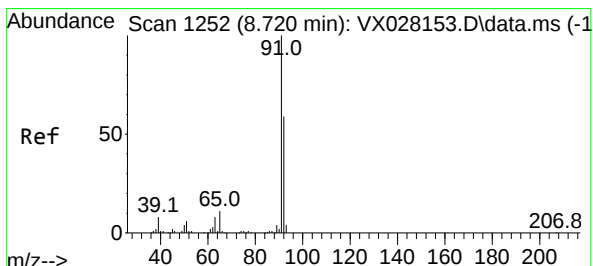
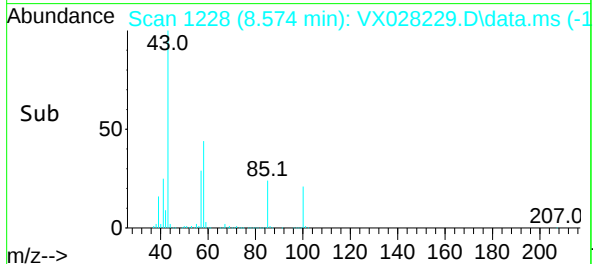
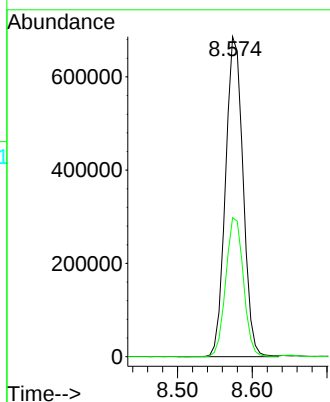
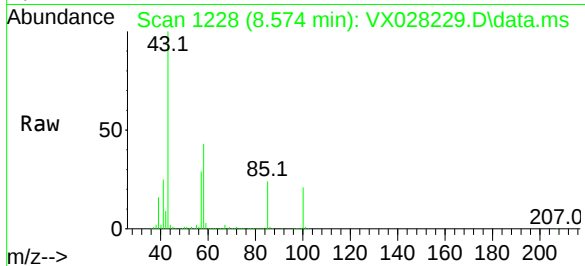




#51
4-Methyl-2-Pentanone
Concen: 240.404 ug/l
RT: 8.574 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

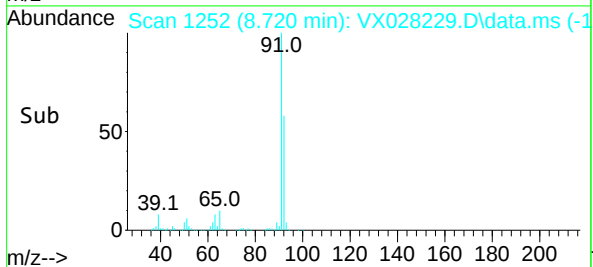
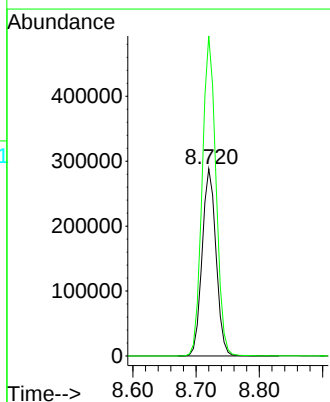
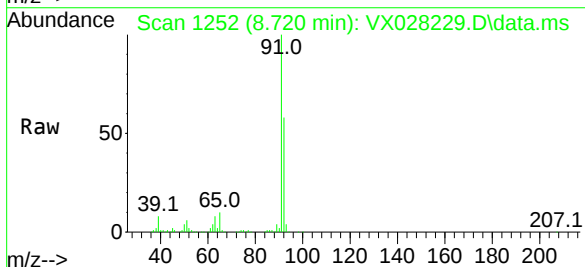
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

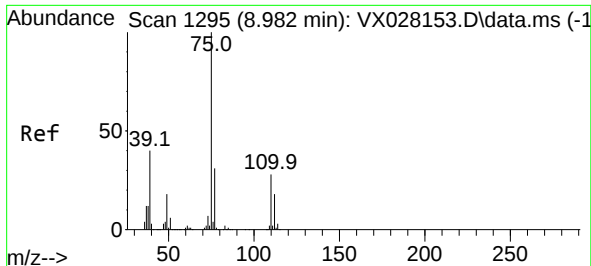
Tgt Ion: 43 Resp: 1118986
Ion Ratio Lower Upper
43 100
58 43.7 36.1 54.1



#52
Toluene
Concen: 49.450 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

Tgt Ion: 92 Resp: 441703
Ion Ratio Lower Upper
92 100
91 169.4 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 47.206 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX028229.D

Acq: 21 Apr 2022 04:34

Instrument :

MSVOA_X

ClientSampleId :

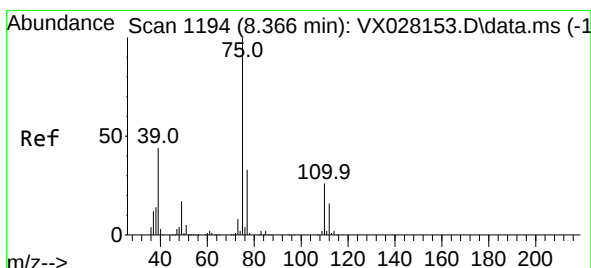
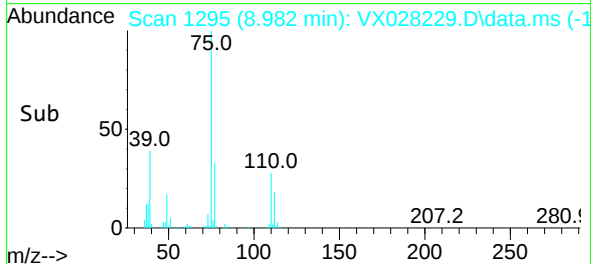
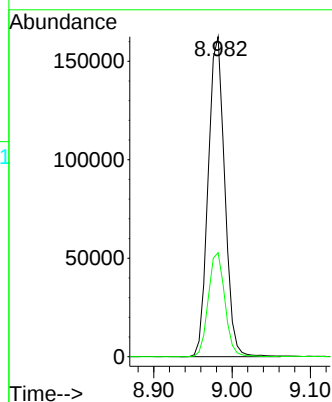
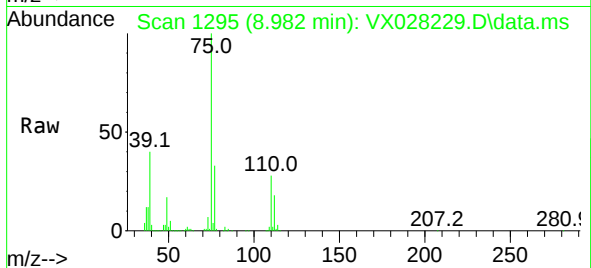
VSTDCCC050EC

Tgt Ion: 75 Resp: 238044

Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 46.604 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028229.D

Acq: 21 Apr 2022 04:34

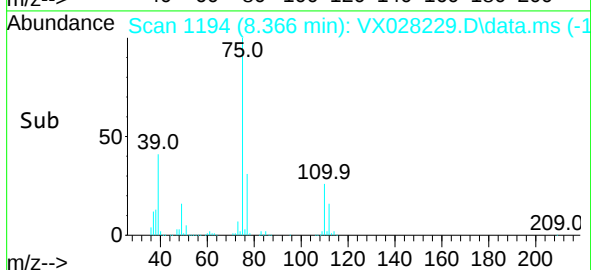
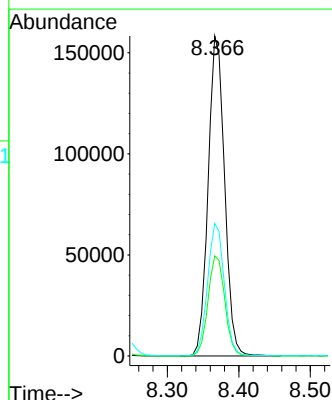
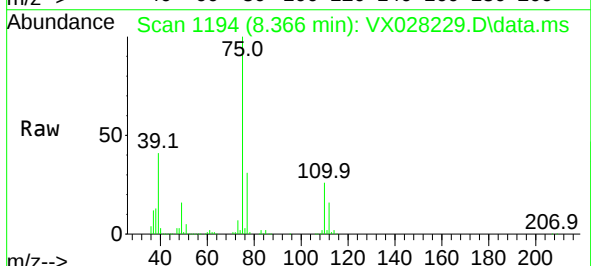
Tgt Ion: 75 Resp: 252363

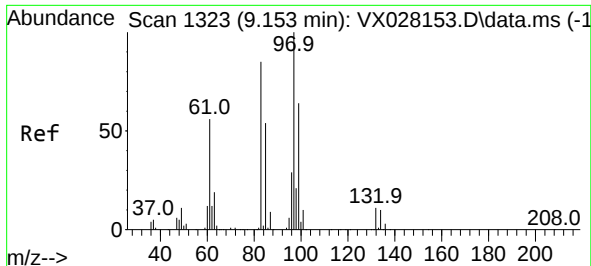
Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2

39 41.3 29.6 44.4



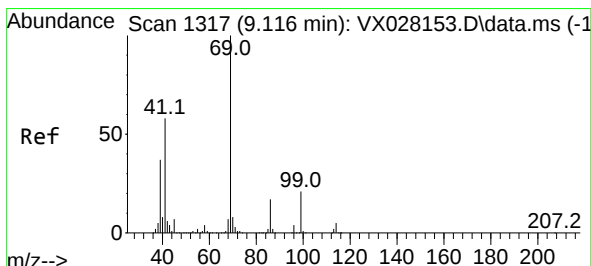
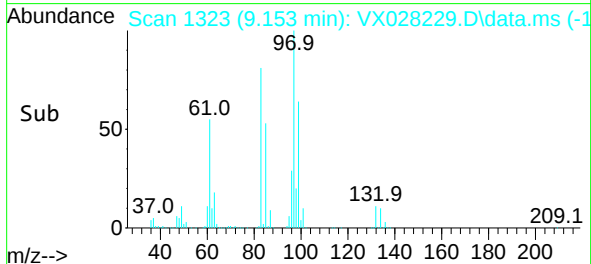
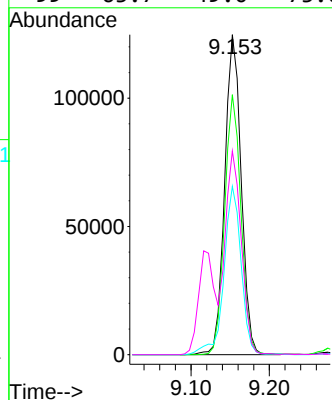
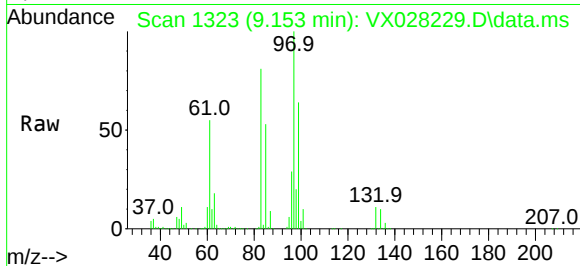


#55
1,1,2-Trichloroethane
Concen: 50.351 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 182735

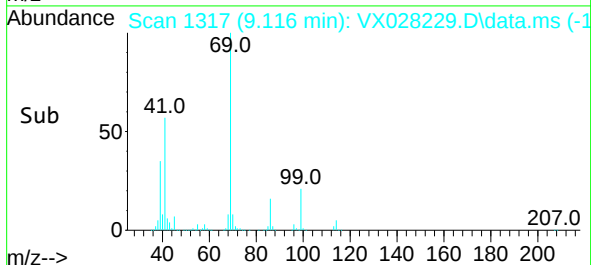
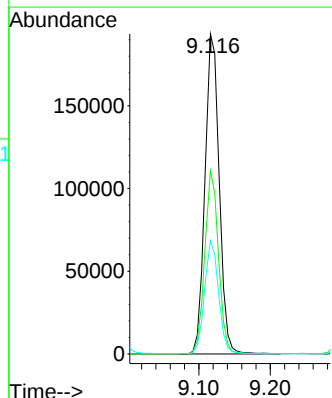
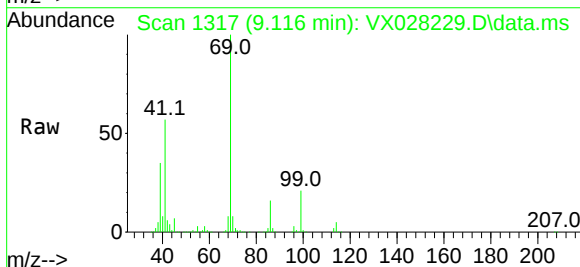
Ion	Ratio	Lower	Upper
97	100		
83	81.3	66.2	99.4
85	52.6	42.9	64.3
99	63.7	49.0	73.6



#56
Ethyl methacrylate
Concen: 50.975 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

Tgt Ion: 69 Resp: 268173

Ion	Ratio	Lower	Upper
69	100		
41	55.1	43.8	65.6
39	35.1	22.2	33.2#





#57

1,3-Dichloropropane

Concen: 48.913 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028229.D

Acq: 21 Apr 2022 04:34

Instrument :

MSVOA_X

ClientSampleId :

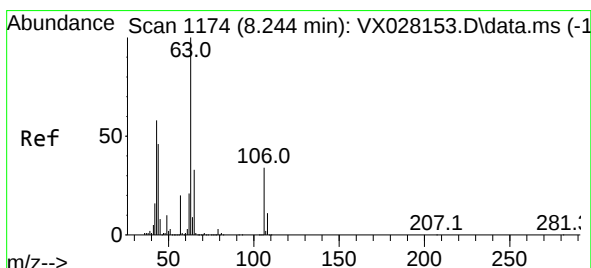
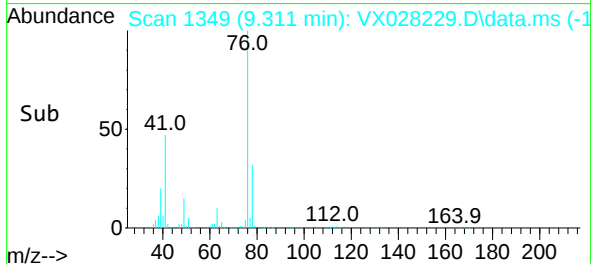
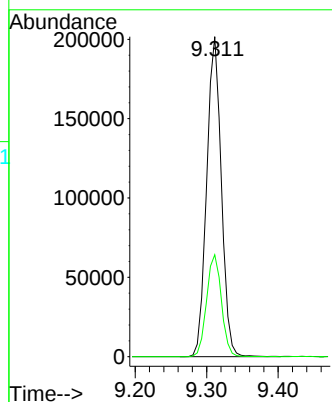
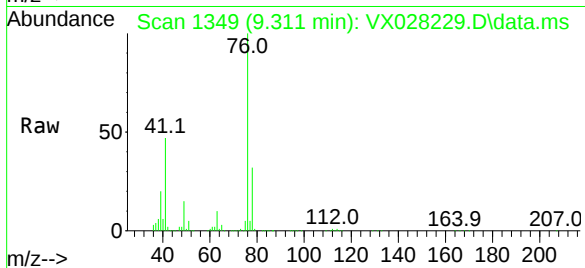
VSTDCCC050EC

Tgt Ion: 76 Resp: 286521

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 253.298 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX028229.D

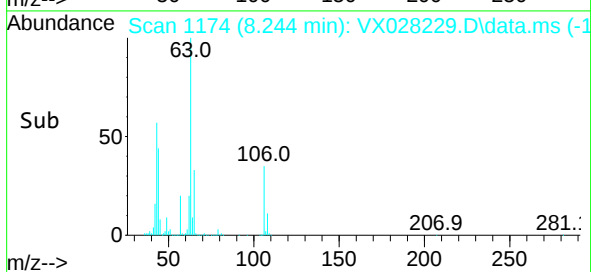
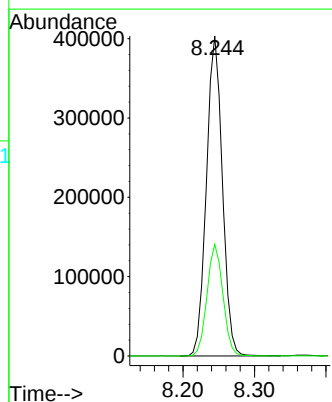
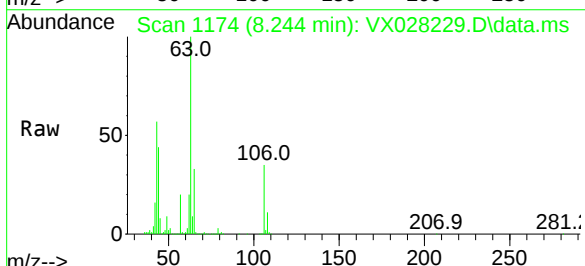
Acq: 21 Apr 2022 04:34

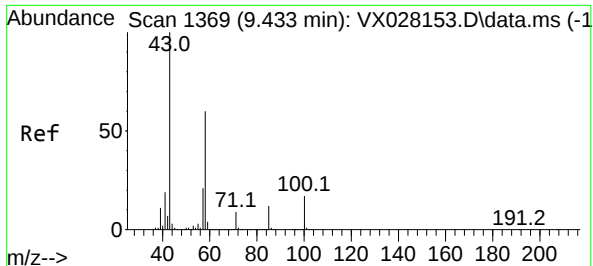
Tgt Ion: 63 Resp: 625228

Ion Ratio Lower Upper

63 100

106 34.7 23.9 35.9





#59

2-Hexanone

Concen: 249.581 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX028229.D

Acq: 21 Apr 2022 04:34

Instrument :

MSVOA_X

ClientSampleId :

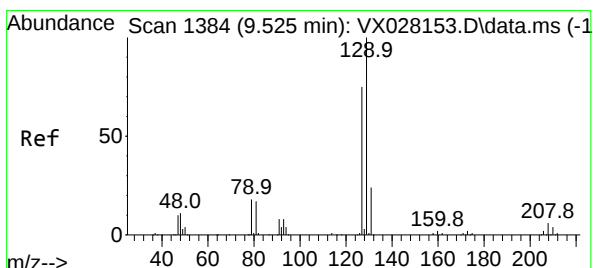
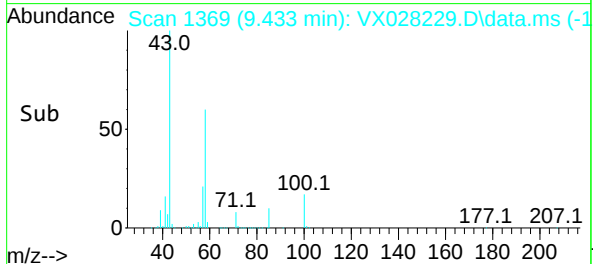
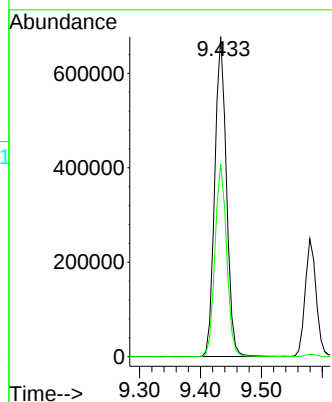
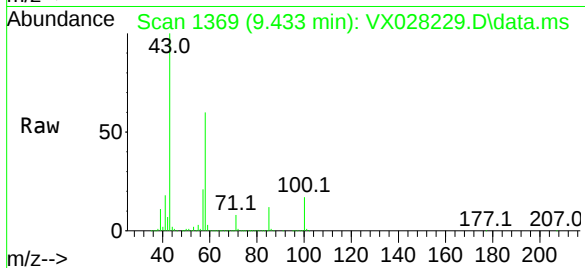
VSTDCCC050EC

Tgt Ion: 43 Resp: 899872

Ion Ratio Lower Upper

43 100

58 60.4 31.9 95.7



#60

Dibromochloromethane

Concen: 50.996 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX028229.D

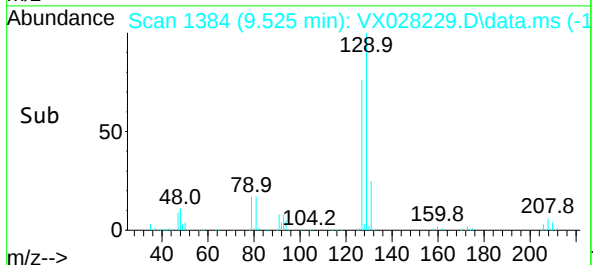
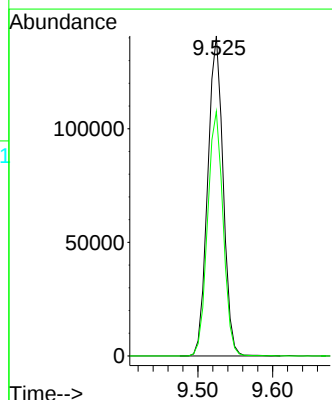
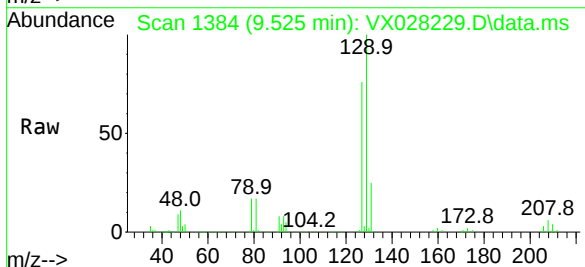
Acq: 21 Apr 2022 04:34

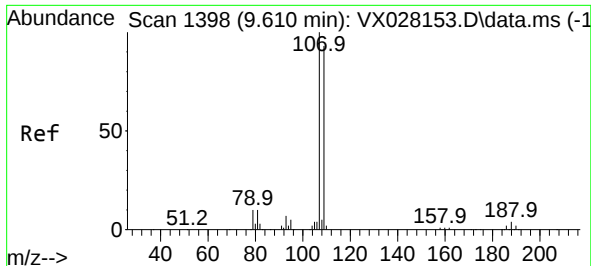
Tgt Ion: 129 Resp: 201764

Ion Ratio Lower Upper

129 100

127 77.0 40.3 120.8

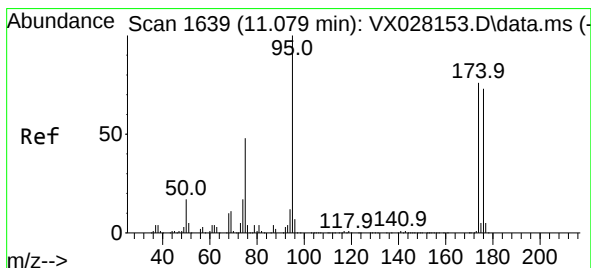
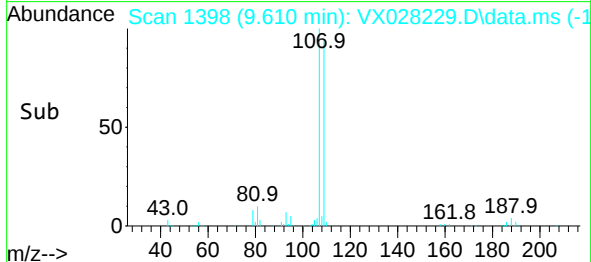
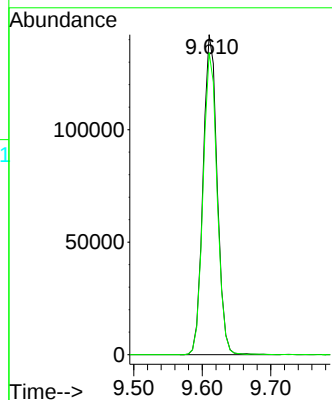
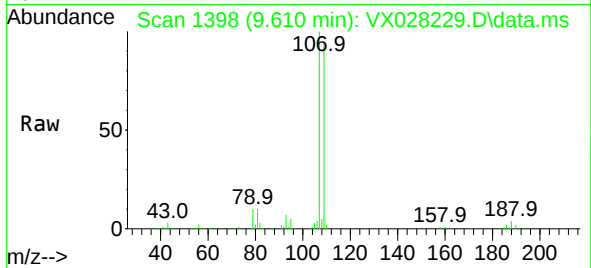




#61
1,2-Dibromoethane
Concen: 51.101 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

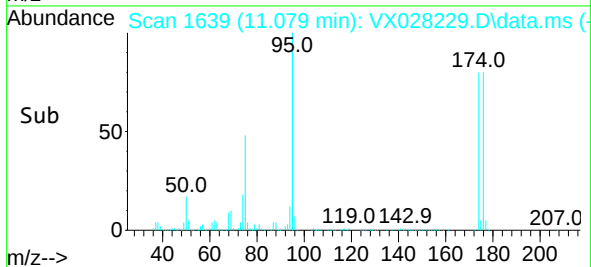
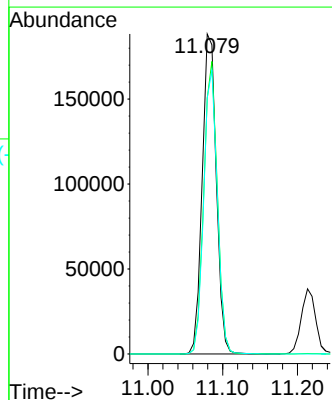
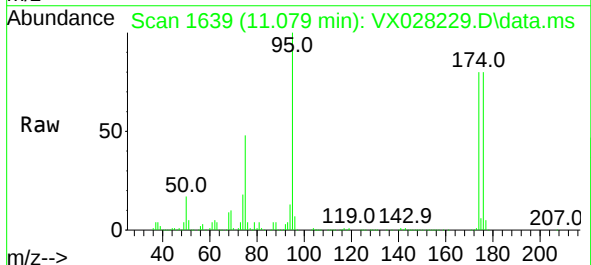
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

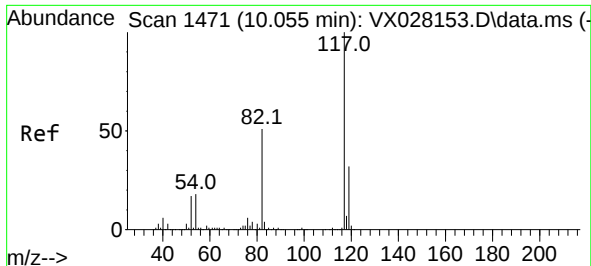
Tgt Ion:107 Resp: 203460
Ion Ratio Lower Upper
107 100
109 94.0 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 49.751 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

Tgt Ion: 95 Resp: 246021
Ion Ratio Lower Upper
95 100
174 88.2 0.0 163.0
176 86.3 0.0 155.0

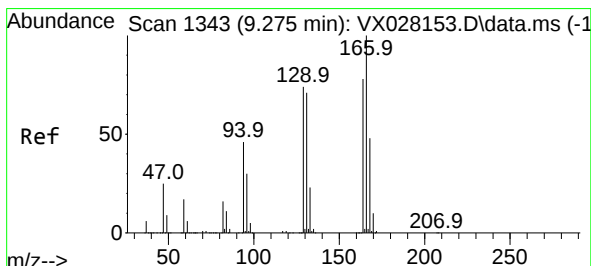
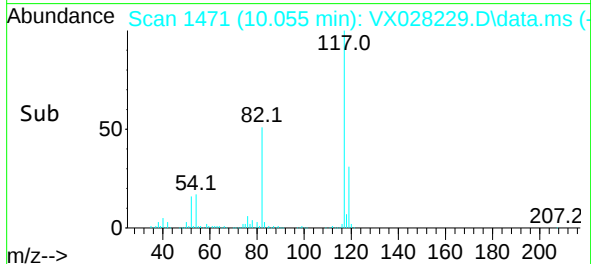
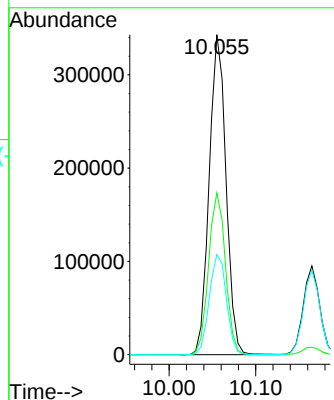
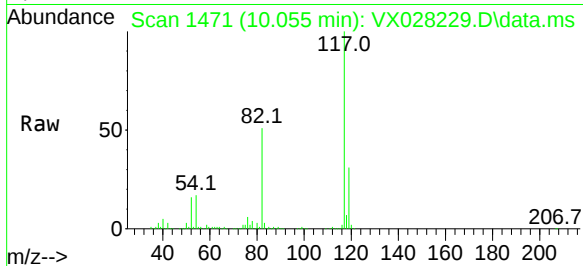




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

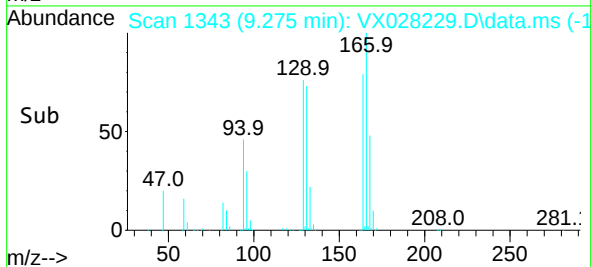
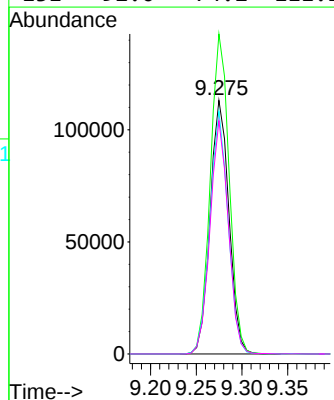
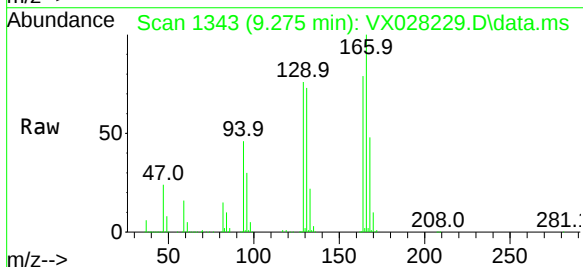
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

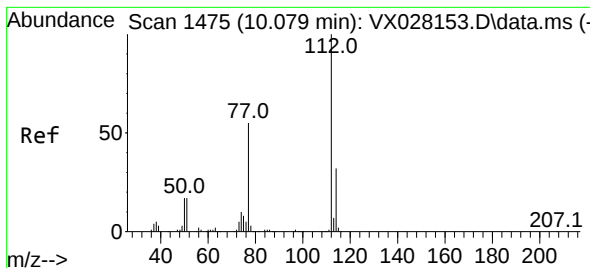
Tgt Ion:117 Resp: 462532
Ion Ratio Lower Upper
117 100
82 50.6 41.8 62.8
119 31.3 24.8 37.2



#64
Tetrachloroethene
Concen: 44.785 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

Tgt Ion:164 Resp: 161800
Ion Ratio Lower Upper
164 100
166 126.2 101.2 151.8
129 95.7 73.0 109.4
131 92.0 74.2 111.2





#65

Chlorobenzene

Concen: 50.611 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX028229.D

Acq: 21 Apr 2022 04:34

Instrument :

MSVOA_X

ClientSampleId :

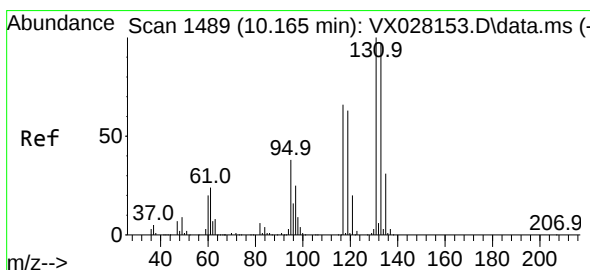
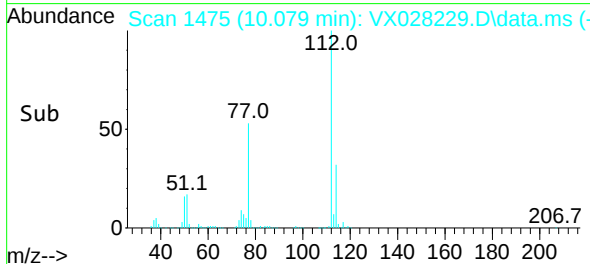
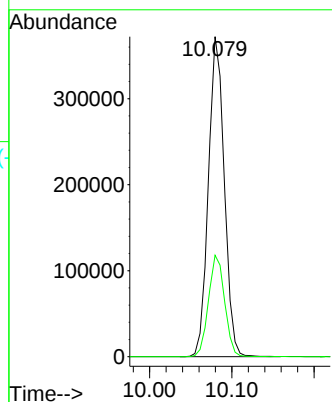
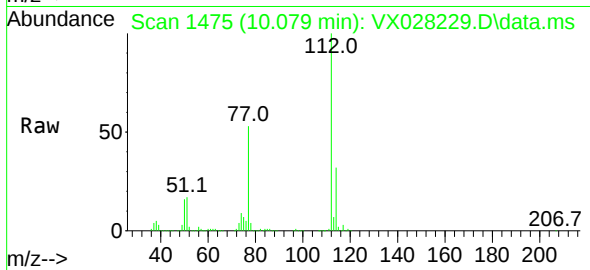
VSTDCCC050EC

Tgt Ion:112 Resp: 499107

Ion Ratio Lower Upper

112 100

114 31.7 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 52.325 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VX028229.D

Acq: 21 Apr 2022 04:34

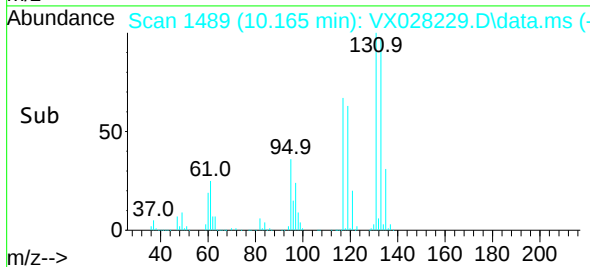
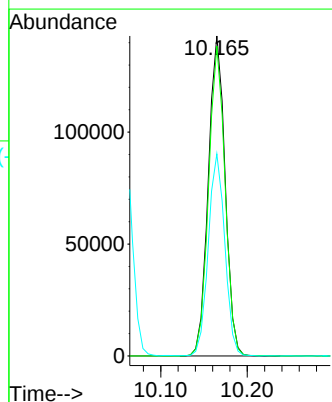
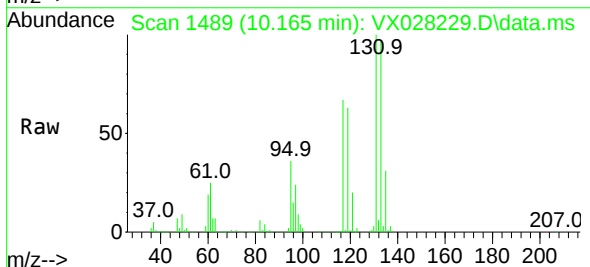
Tgt Ion:131 Resp: 192220

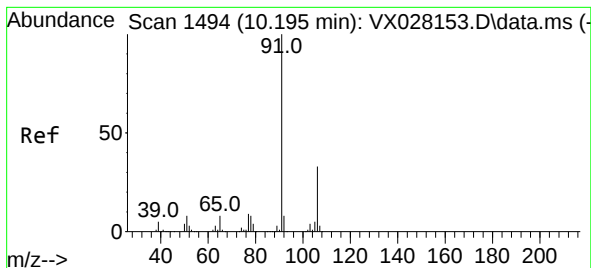
Ion Ratio Lower Upper

131 100

133 95.1 48.3 144.8

119 62.2 32.6 98.0





#67

Ethyl Benzene

Concen: 51.274 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028229.D

Acq: 21 Apr 2022 04:34

Instrument :

MSVOA_X

ClientSampleId :

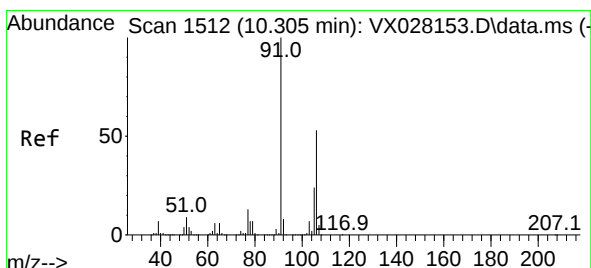
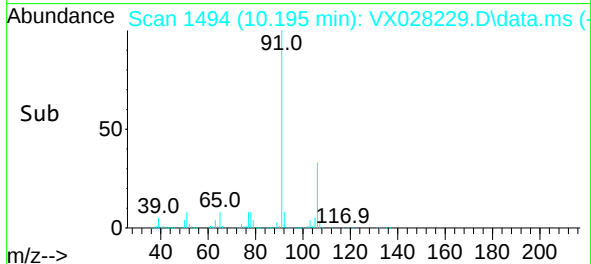
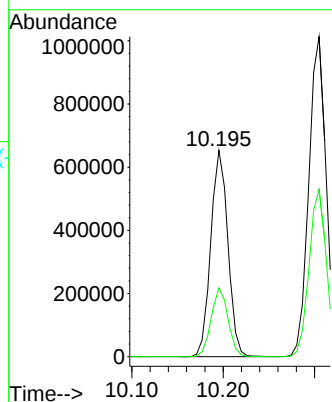
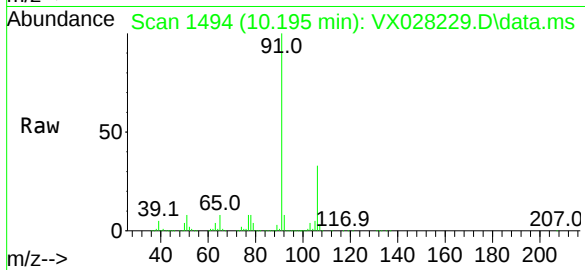
VSTDCCC050EC

Tgt Ion: 91 Resp: 847873

Ion Ratio Lower Upper

91 100

106 33.3 24.6 36.8



#68

m/p-Xylenes

Concen: 104.307 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX028229.D

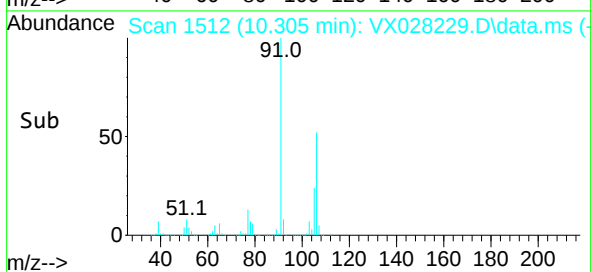
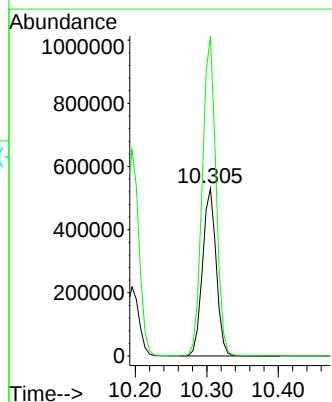
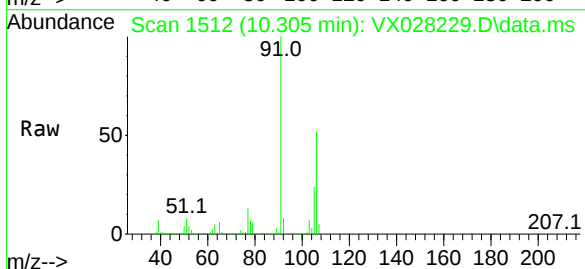
Acq: 21 Apr 2022 04:34

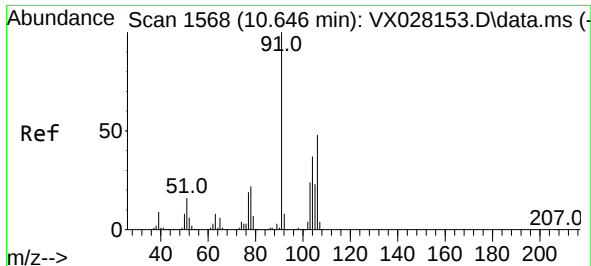
Tgt Ion: 106 Resp: 701990

Ion Ratio Lower Upper

106 100

91 191.5 160.4 240.6

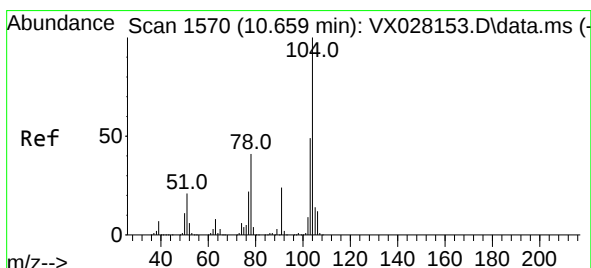
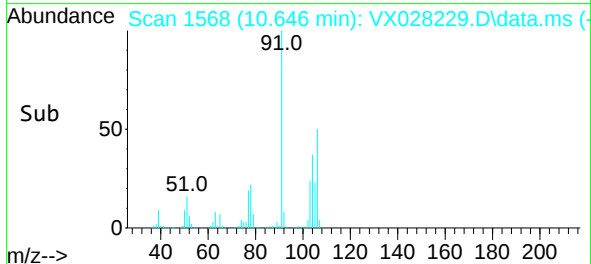
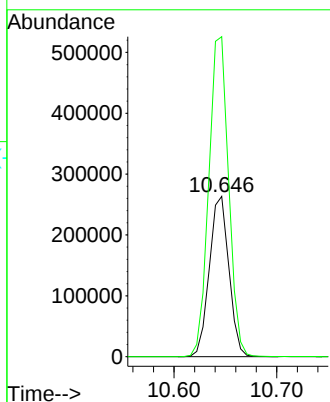
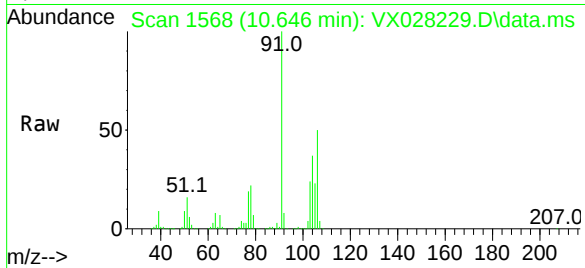




#69
o-Xylene
Concen: 51.811 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

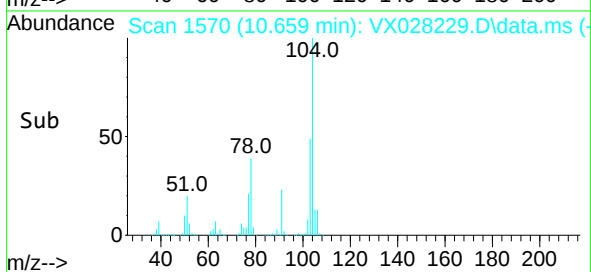
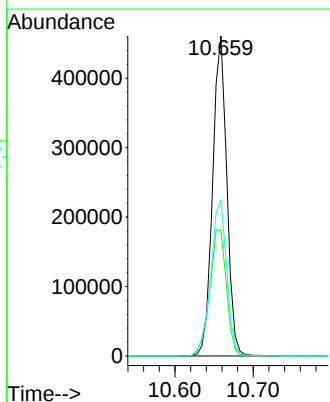
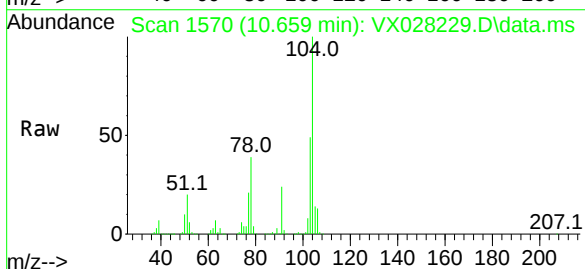
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

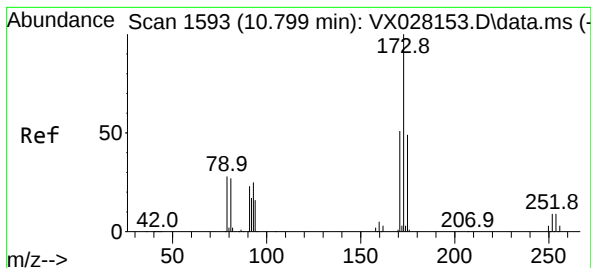
Tgt Ion:106 Resp: 347650
Ion Ratio Lower Upper
106 100
91 202.6 106.1 318.1



#70
Styrene
Concen: 53.357 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

Tgt Ion:104 Resp: 580025
Ion Ratio Lower Upper
104 100
78 46.7 38.6 57.8
103 54.5 43.8 65.8





#71

Bromoform

Concen: 46.181 ug/l

RT: 10.805 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX028229.D

Acq: 21 Apr 2022 04:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

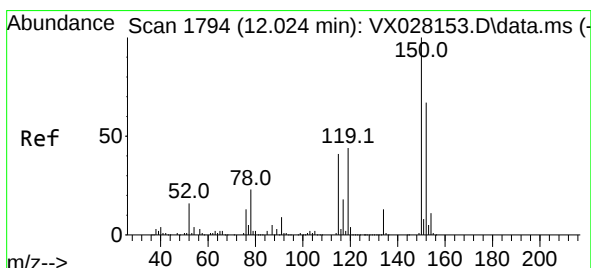
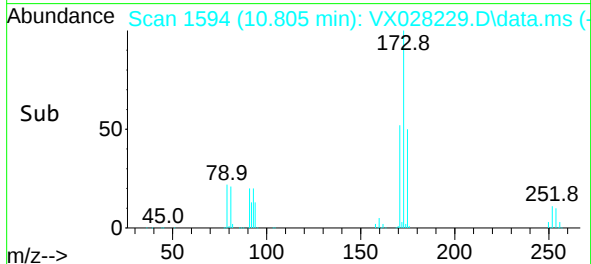
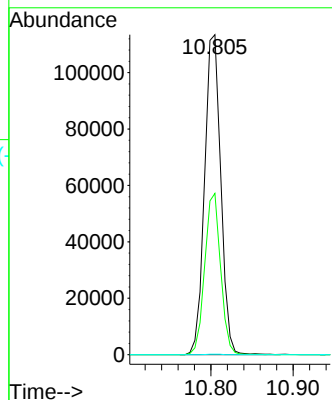
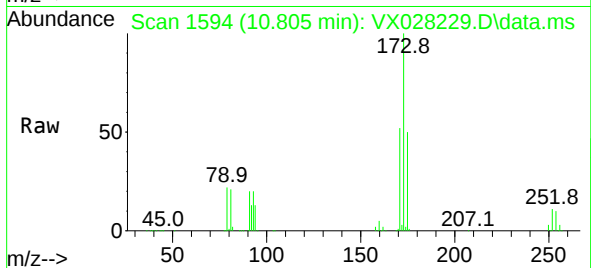
Tgt Ion:173 Resp: 155551

Ion Ratio Lower Upper

173 100

175 49.4 24.1 72.2

254 0.1 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: VX028229.D

Acq: 21 Apr 2022 04:34

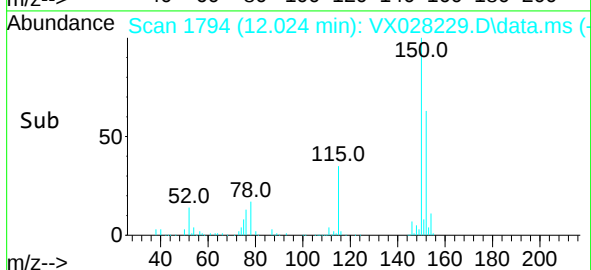
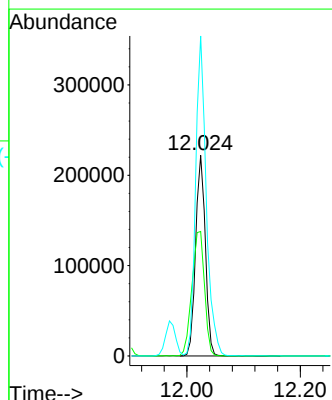
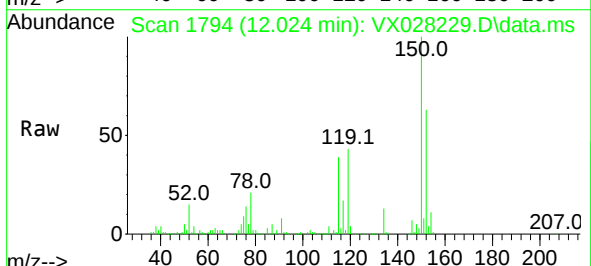
Tgt Ion:152 Resp: 263935

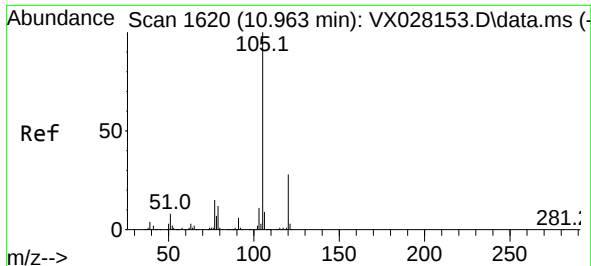
Ion Ratio Lower Upper

152 100

115 80.4 37.5 112.7

150 174.2 0.0 338.2

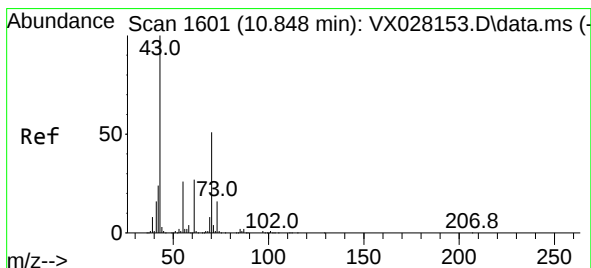
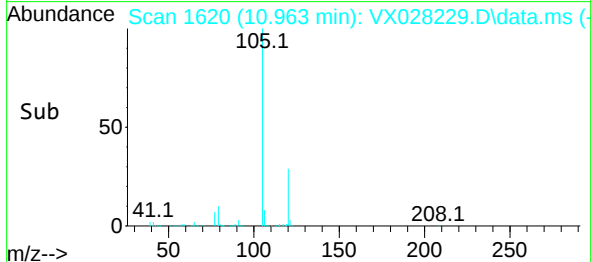
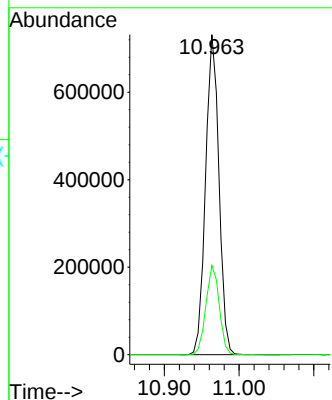
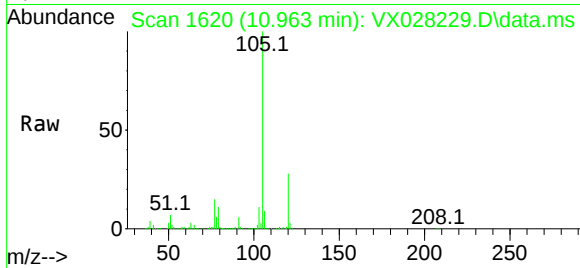




#73
Isopropylbenzene
Concen: 49.975 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

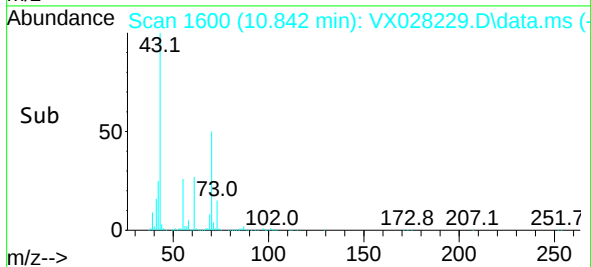
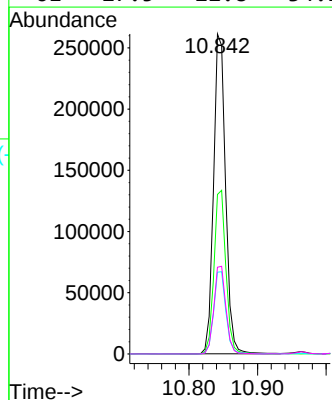
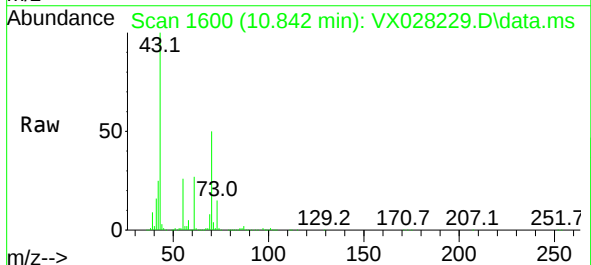
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

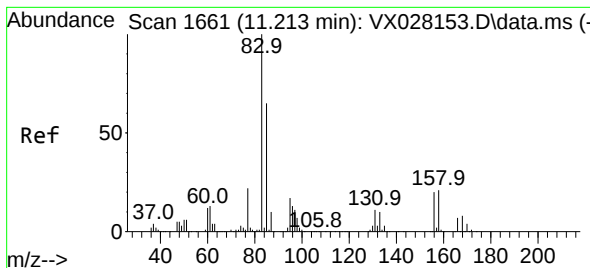
Tgt Ion:105 Resp: 906612
Ion Ratio Lower Upper
105 100
120 27.8 13.5 40.5



#74
N-ethyl acetate
Concen: 50.840 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

Tgt Ion: 43 Resp: 318778
Ion Ratio Lower Upper
43 100
70 51.1 42.5 63.7
55 26.1 23.1 34.7
61 27.5 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.187 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX028229.D

Acq: 21 Apr 2022 04:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

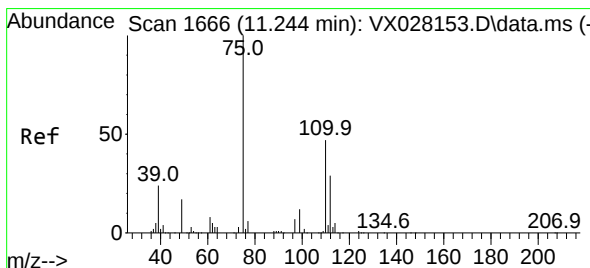
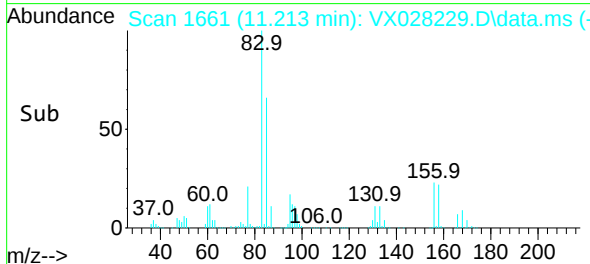
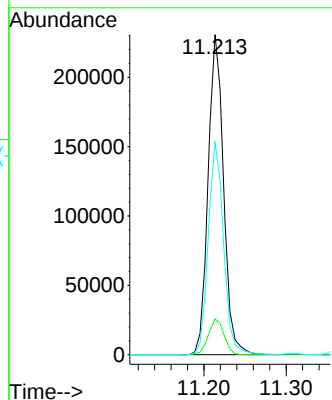
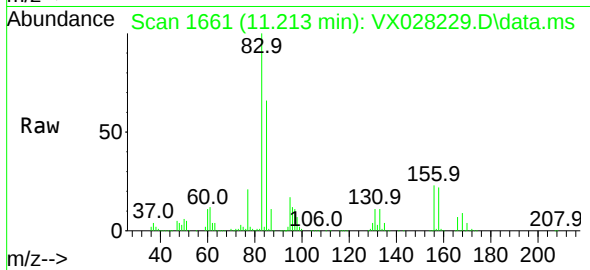
Tgt Ion: 83 Resp: 301334

Ion Ratio Lower Upper

83 100

131 11.4 5.1 15.3

85 65.8 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 60.629 ug/l

RT: 11.244 min Scan# 1666

Delta R.T. -0.000 min

Lab File: VX028229.D

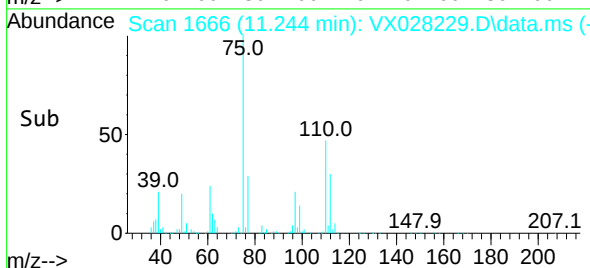
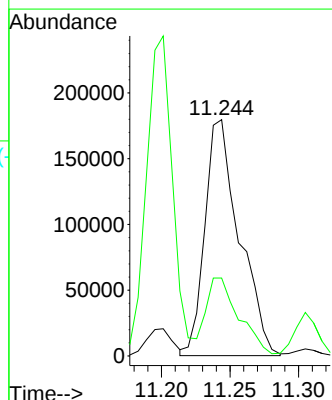
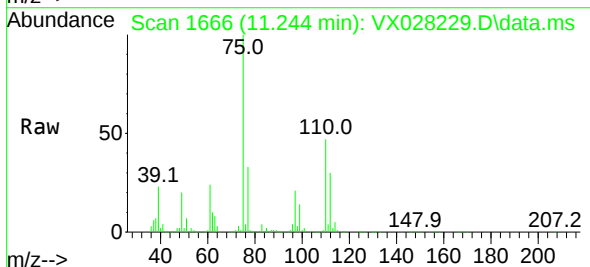
Acq: 21 Apr 2022 04:34

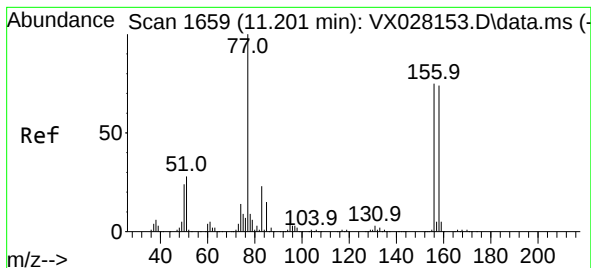
Tgt Ion: 75 Resp: 314931

Ion Ratio Lower Upper

75 100

77 31.3 19.4 58.2





#77

Bromobenzene

Concen: 50.319 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX028229.D

Acq: 21 Apr 2022 04:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

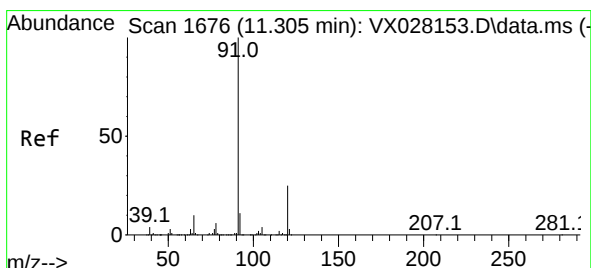
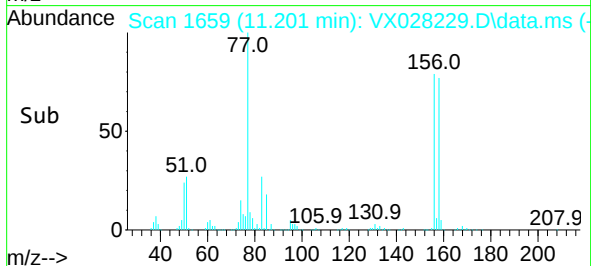
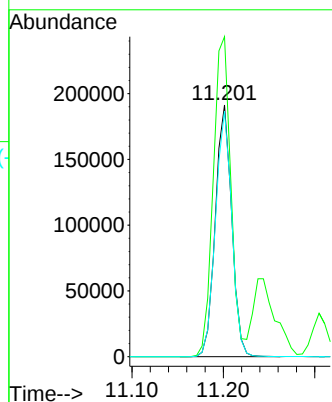
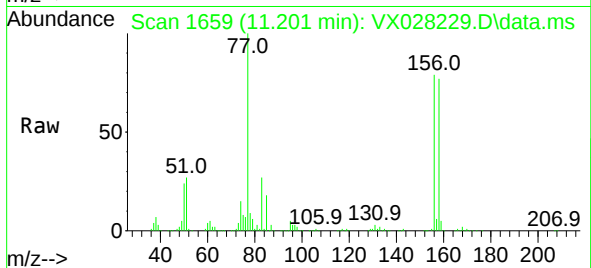
Tgt Ion:156 Resp: 237738

Ion Ratio Lower Upper

156 100

77 136.8 78.5 235.3

158 97.7 50.2 150.7



#78

n-propylbenzene

Concen: 49.649 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX028229.D

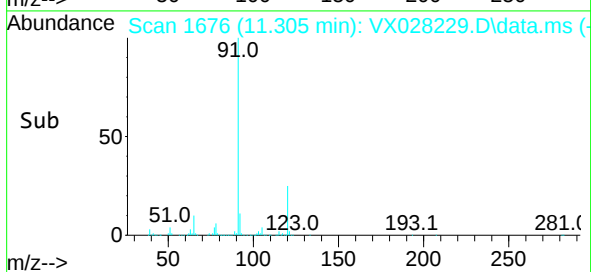
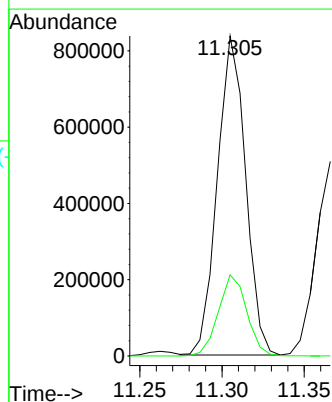
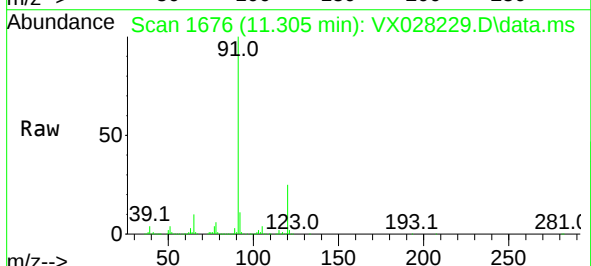
Acq: 21 Apr 2022 04:34

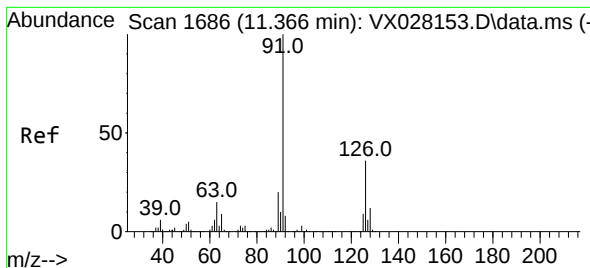
Tgt Ion: 91 Resp: 998735

Ion Ratio Lower Upper

91 100

120 25.5 11.6 34.8





#79

2-Chlorotoluene

Concen: 49.113 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX028229.D

Acq: 21 Apr 2022 04:34

Instrument :

MSVOA_X

ClientSampleId :

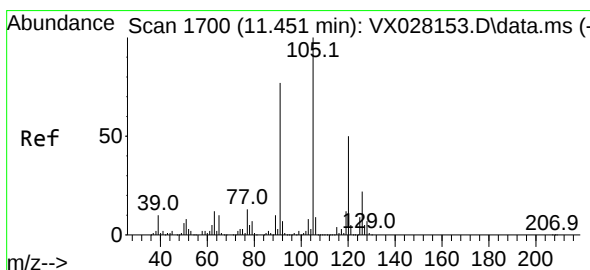
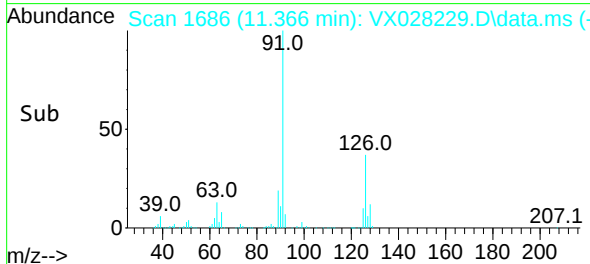
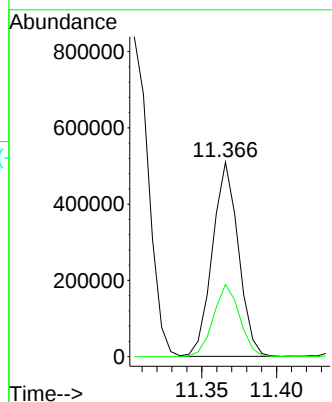
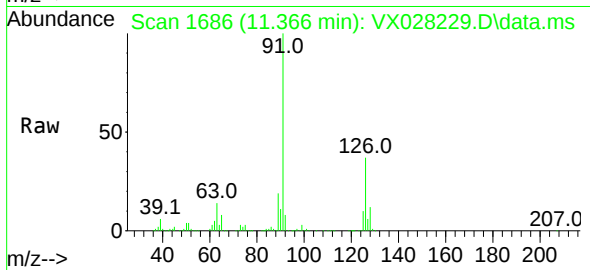
VSTDCCC050EC

Tgt Ion: 91 Resp: 614226

Ion Ratio Lower Upper

91 100

126 37.5 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 50.755 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX028229.D

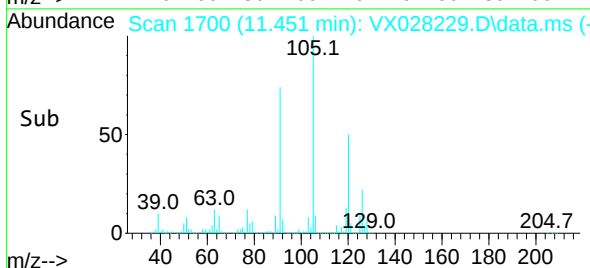
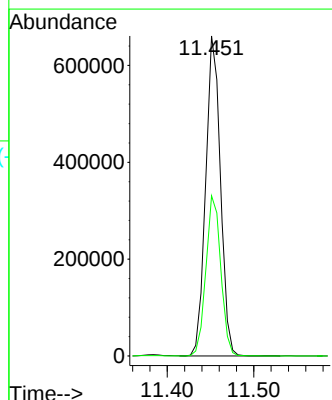
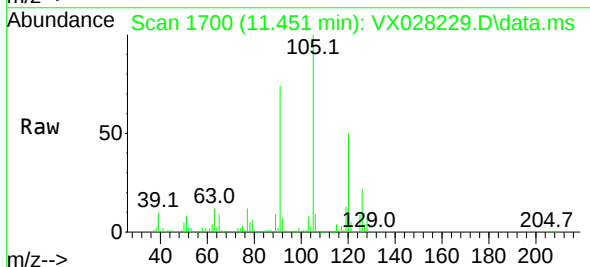
Acq: 21 Apr 2022 04:34

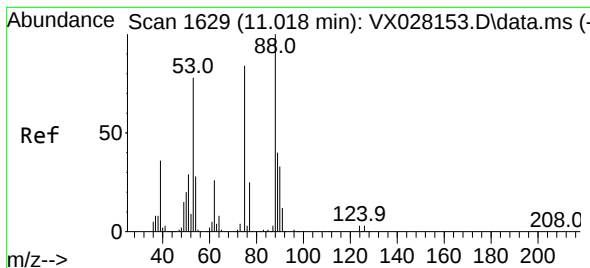
Tgt Ion: 105 Resp: 781588

Ion Ratio Lower Upper

105 100

120 50.5 24.3 72.9

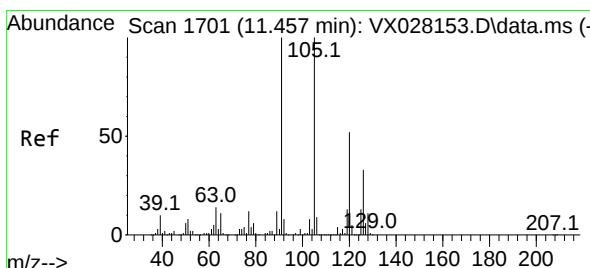
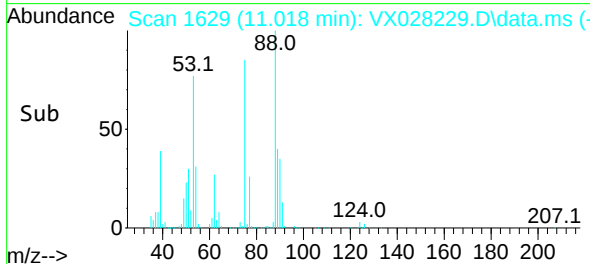
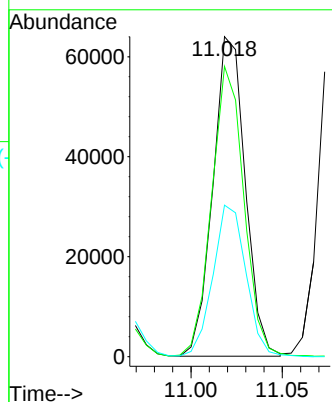
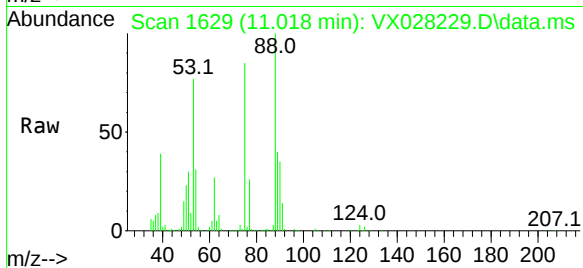




#81
trans-1,4-Dichloro-2-butene
Concen: 44.930 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

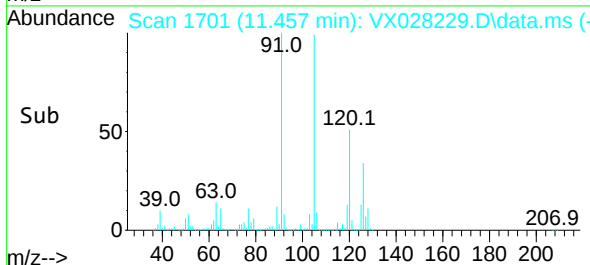
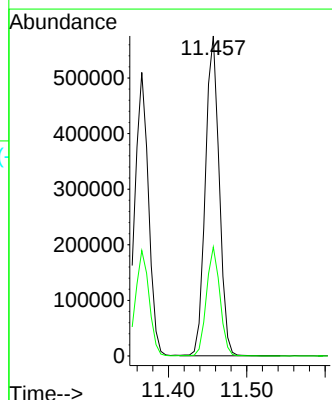
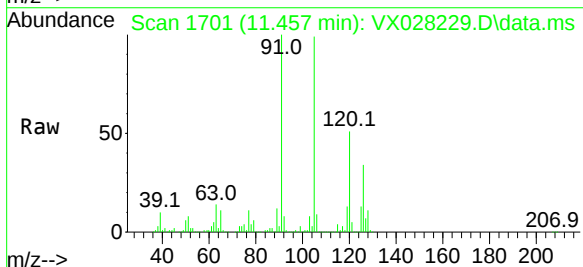
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

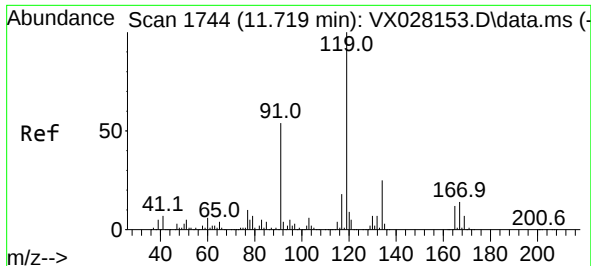
Tgt Ion: 75 Resp: 78535
Ion Ratio Lower Upper
75 100
53 90.3 69.0 103.4
89 48.7 37.0 55.6



#82
4-Chlorotoluene
Concen: 48.946 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

Tgt Ion: 91 Resp: 705123
Ion Ratio Lower Upper
91 100
126 33.2 14.9 44.5

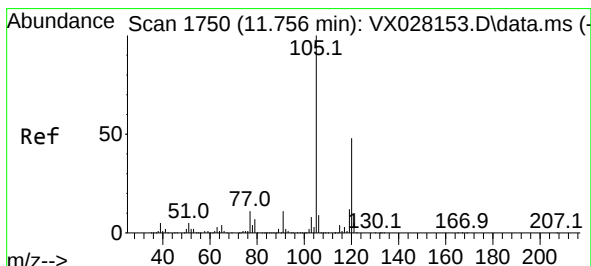
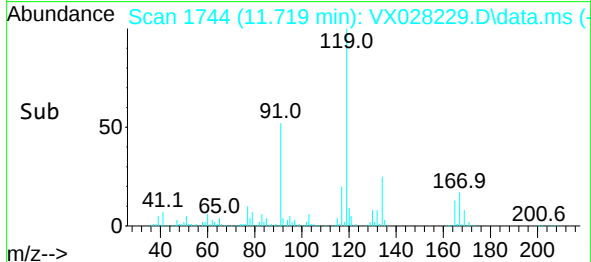
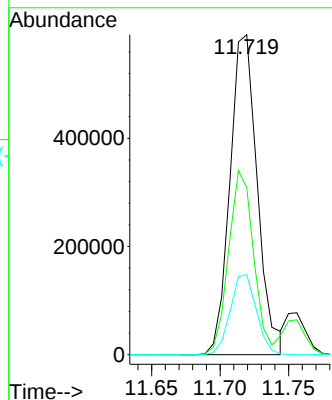
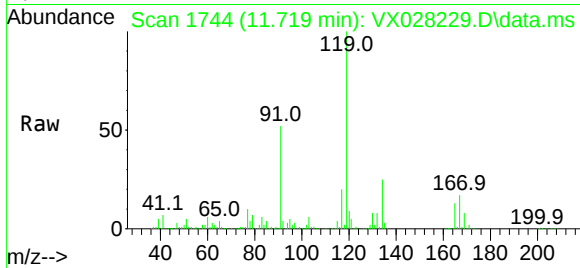




#83
 tert-Butylbenzene
 Concen: 52.359 ug/l
 RT: 11.719 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028229.D
 Acq: 21 Apr 2022 04:34

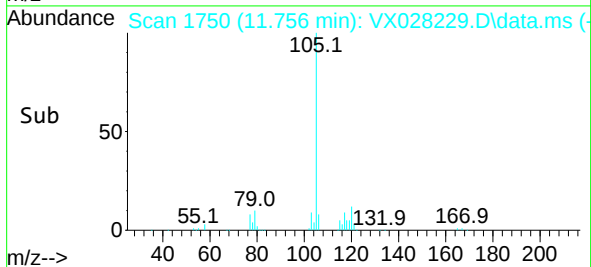
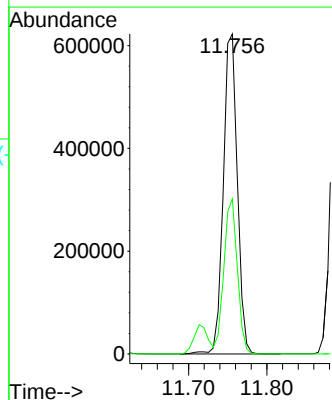
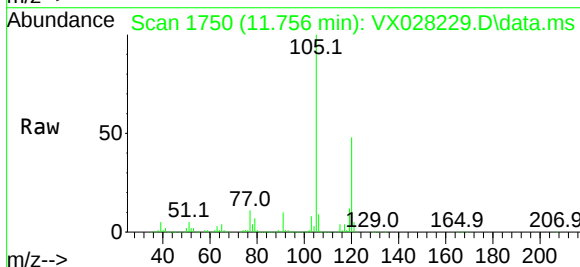
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

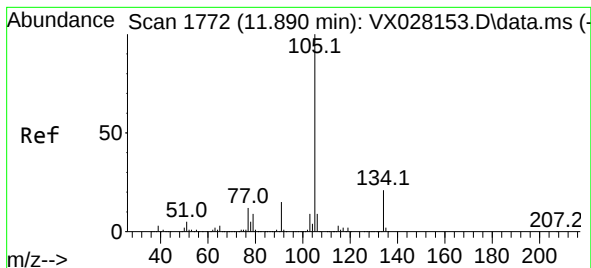
Tgt Ion:119 Resp: 823326
 Ion Ratio Lower Upper
 119 100
 91 52.6 26.9 80.6
 134 23.9 11.4 34.2



#84
 1,2,4-Trimethylbenzene
 Concen: 50.775 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX028229.D
 Acq: 21 Apr 2022 04:34

Tgt Ion:105 Resp: 777245
 Ion Ratio Lower Upper
 105 100
 120 46.8 22.6 67.8





#85

sec-Butylbenzene

Concen: 50.541 ug/l

RT: 11.890 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028229.D

Acq: 21 Apr 2022 04:34

Instrument :

MSVOA_X

ClientSampleId :

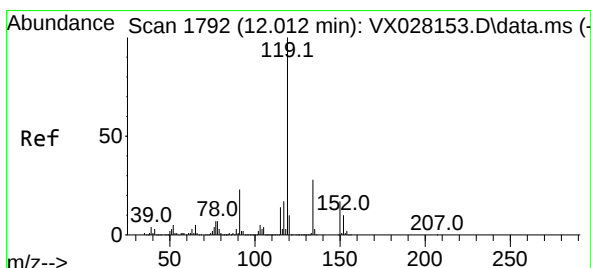
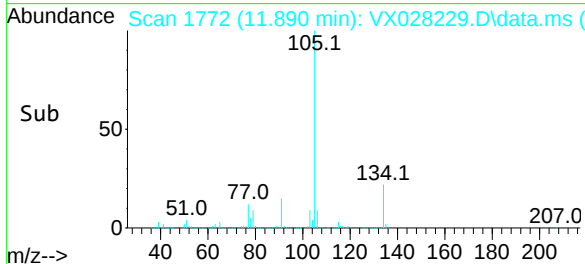
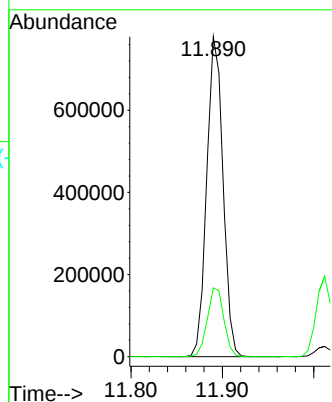
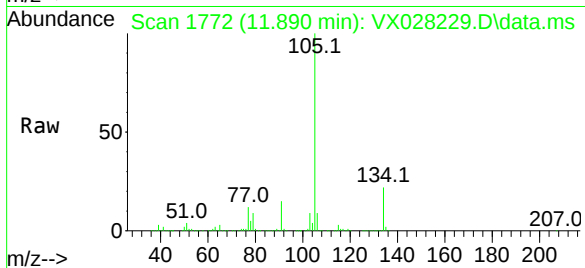
VSTDCCC050EC

Tgt Ion:105 Resp: 958803

Ion Ratio Lower Upper

105 100

134 22.0 10.2 30.4



#86

p-Isopropyltoluene

Concen: 51.287 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VX028229.D

Acq: 21 Apr 2022 04:34

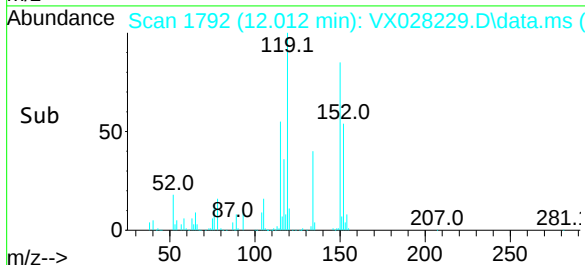
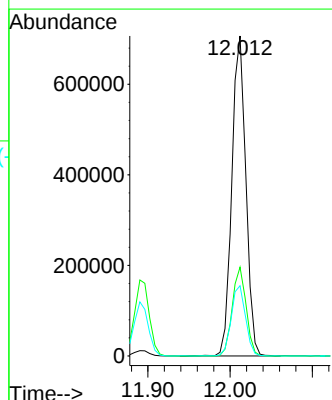
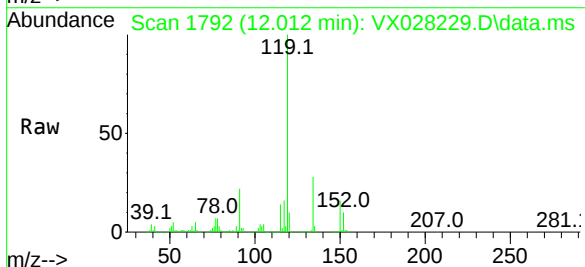
Tgt Ion:119 Resp: 839374

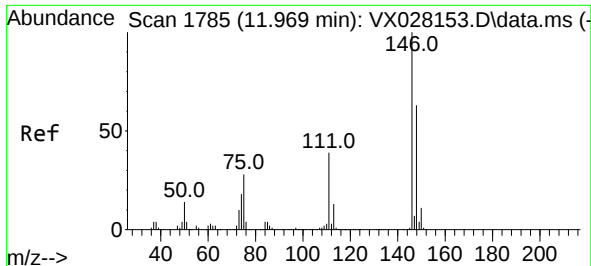
Ion Ratio Lower Upper

119 100

134 27.4 13.0 39.0

91 22.4 11.3 33.9

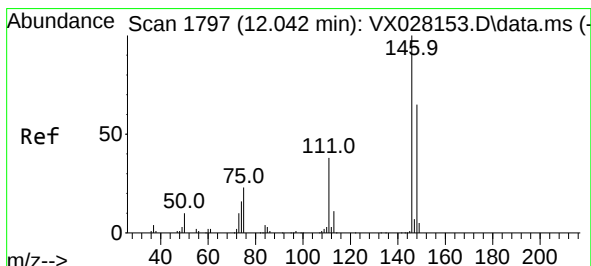
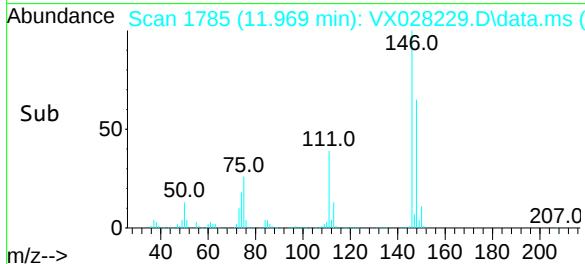
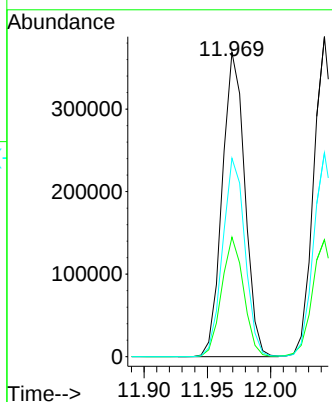
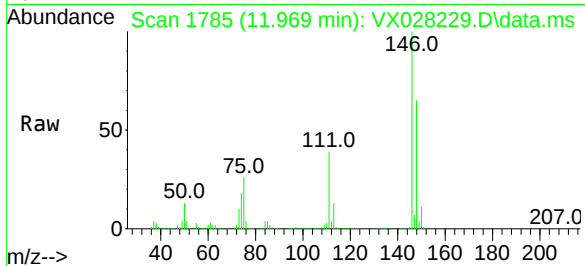




#87
1,3-Dichlorobenzene
Concen: 51.567 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

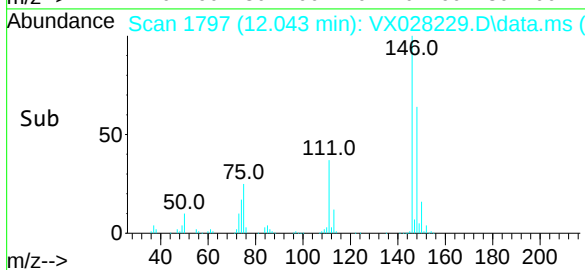
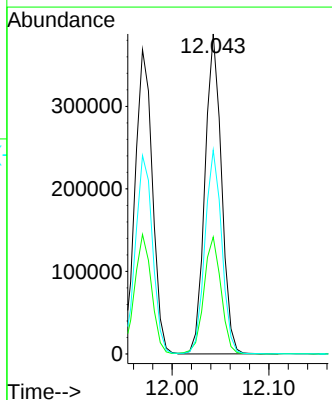
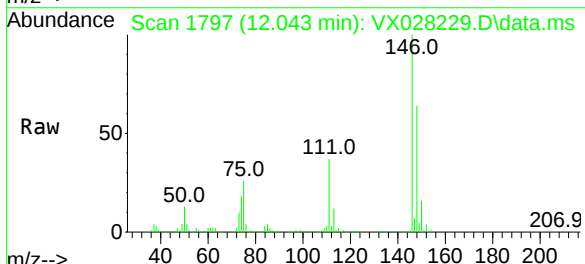
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

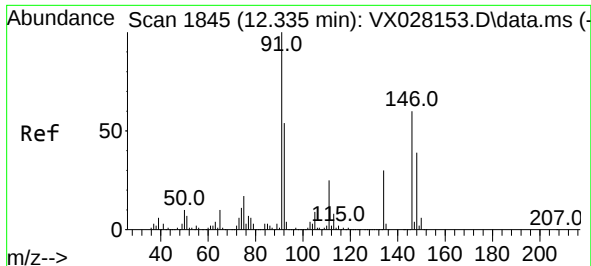
Tgt Ion:146 Resp: 457792
Ion Ratio Lower Upper
146 100
111 38.3 19.7 59.1
148 64.5 31.6 94.7



#88
1,4-Dichlorobenzene
Concen: 49.565 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX028229.D
Acq: 21 Apr 2022 04:34

Tgt Ion:146 Resp: 462009
Ion Ratio Lower Upper
146 100
111 37.7 19.2 57.6
148 64.7 32.3 96.9





#89

n-Butylbenzene

Concen: 49.042 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX028229.D

Acq: 21 Apr 2022 04:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

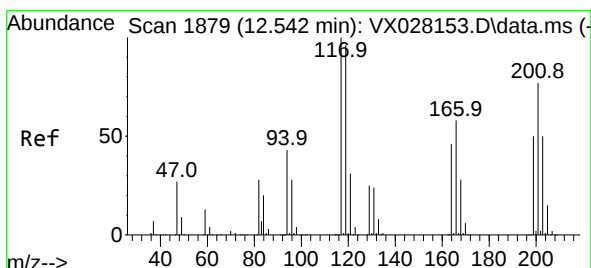
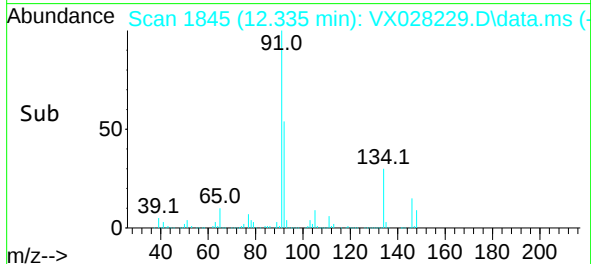
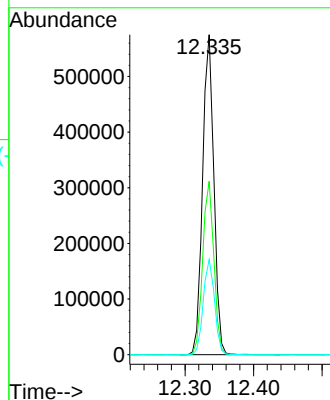
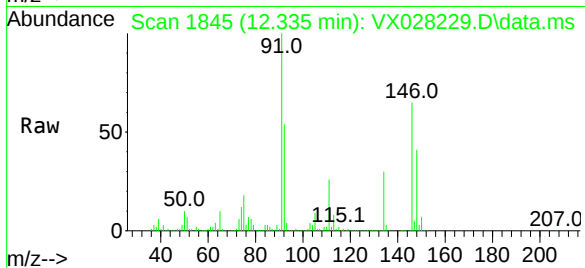
Tgt Ion: 91 Resp: 659065

Ion Ratio Lower Upper

91 100

92 54.0 27.8 83.3

134 29.8 13.3 39.8



#90

Hexachloroethane

Concen: 47.774 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX028229.D

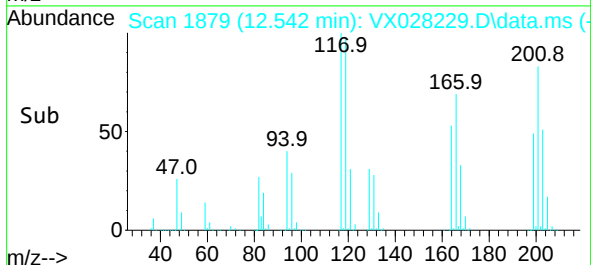
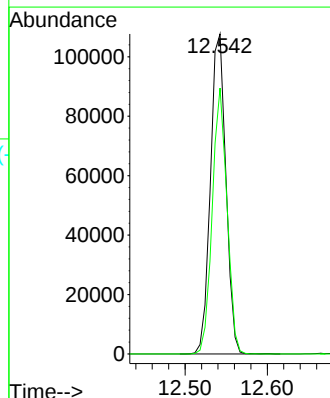
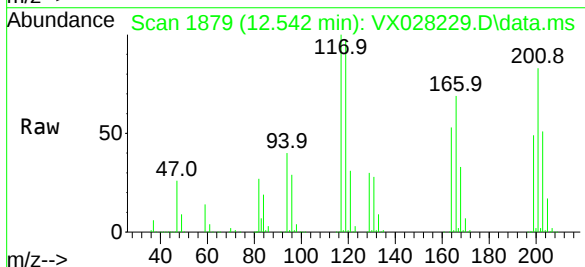
Acq: 21 Apr 2022 04:34

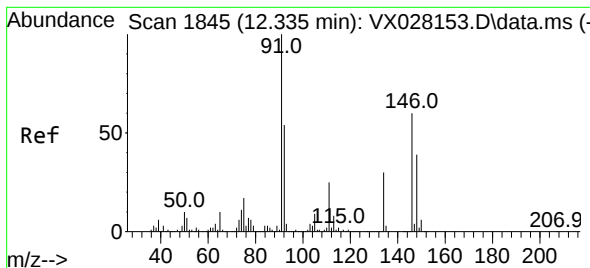
Tgt Ion: 117 Resp: 140438

Ion Ratio Lower Upper

117 100

201 79.3 39.5 118.5





#91

1,2-Dichlorobenzene

Concen: 52.304 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX028229.D

Acq: 21 Apr 2022 04:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

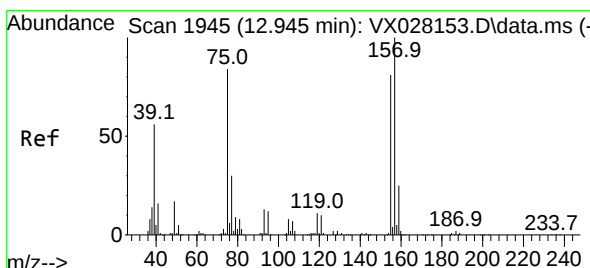
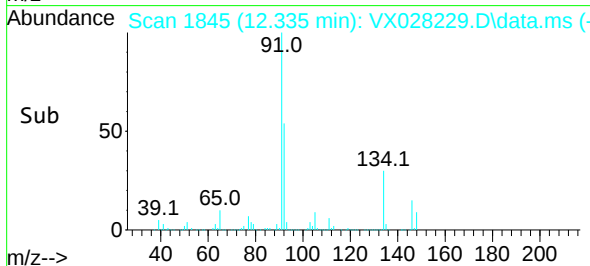
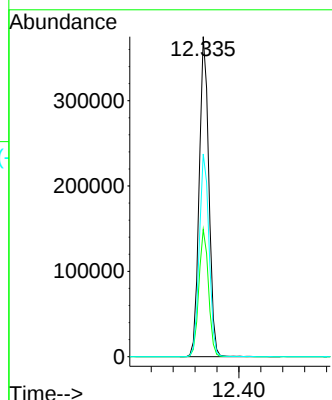
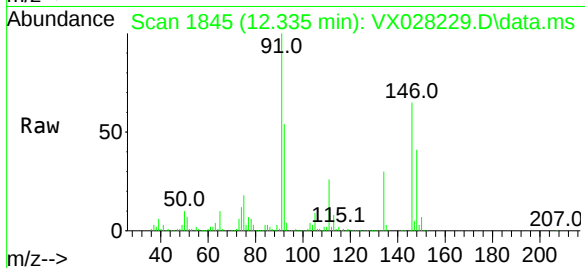
Tgt Ion:146 Resp: 461275

Ion Ratio Lower Upper

146 100

111 39.5 21.0 63.0

148 64.0 32.6 97.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.589 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX028229.D

Acq: 21 Apr 2022 04:34

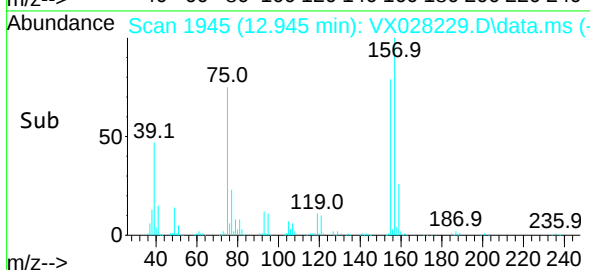
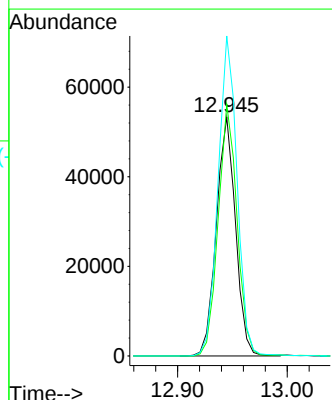
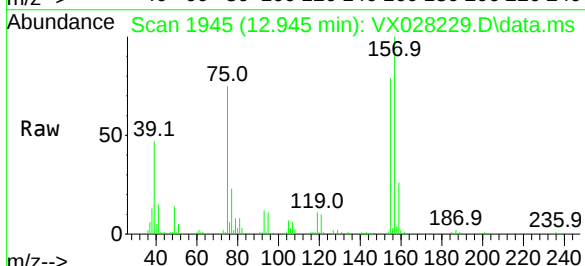
Tgt Ion: 75 Resp: 64922

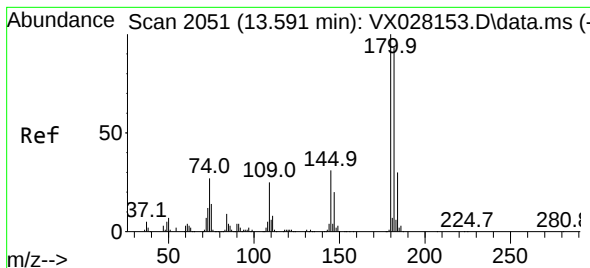
Ion Ratio Lower Upper

75 100

155 103.7 47.0 141.2

157 132.6 57.9 173.6





#93

1,2,4-Trichlorobenzene

Concen: 52.930 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX028229.D

Acq: 21 Apr 2022 04:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

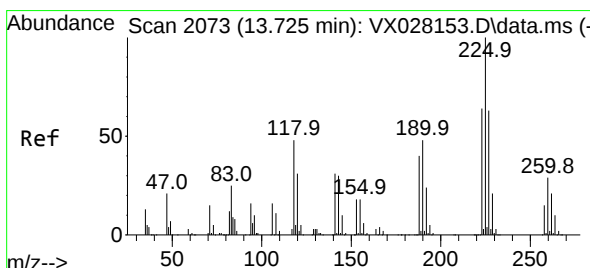
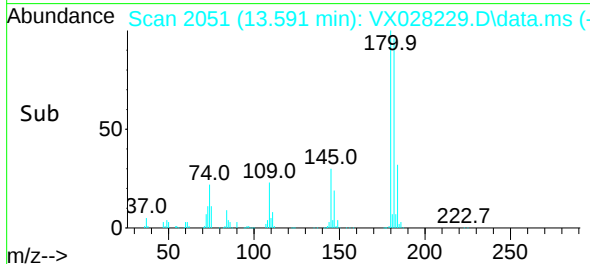
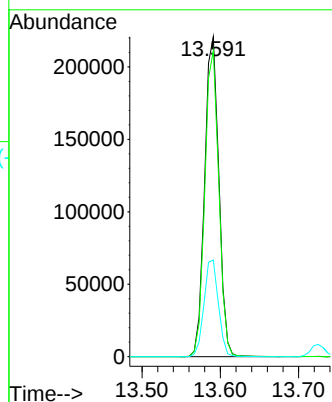
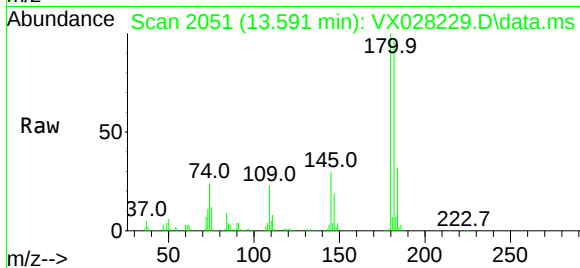
Tgt Ion:180 Resp: 277632

Ion Ratio Lower Upper

180 100

182 94.3 47.7 143.1

145 30.8 15.2 45.5



#94

Hexachlorobutadiene

Concen: 47.479 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX028229.D

Acq: 21 Apr 2022 04:34

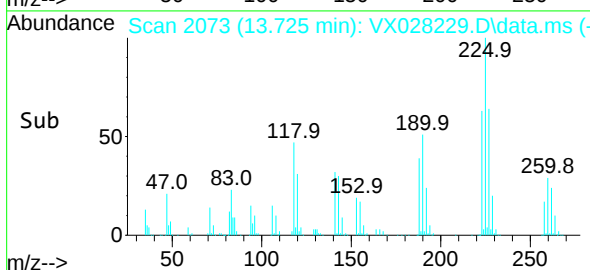
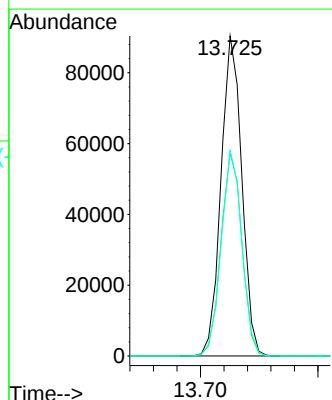
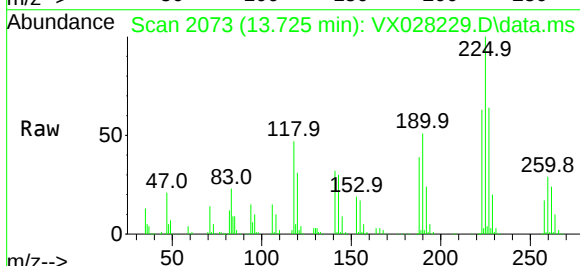
Tgt Ion:225 Resp: 111128

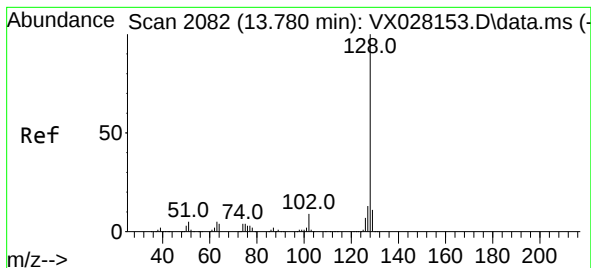
Ion Ratio Lower Upper

225 100

223 63.8 34.2 102.5

227 63.8 33.9 101.7





#95

Naphthalene

Concen: 54.905 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX028229.D

Acq: 21 Apr 2022 04:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

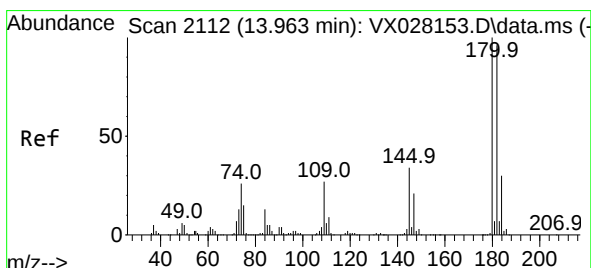
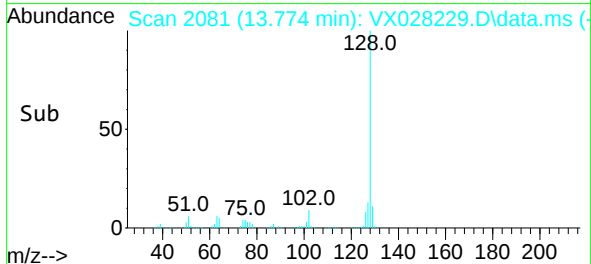
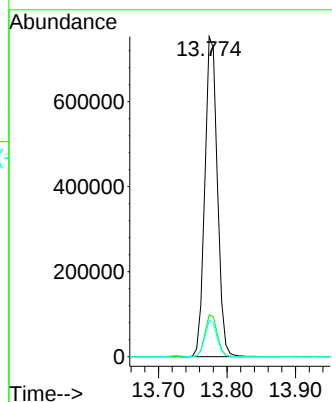
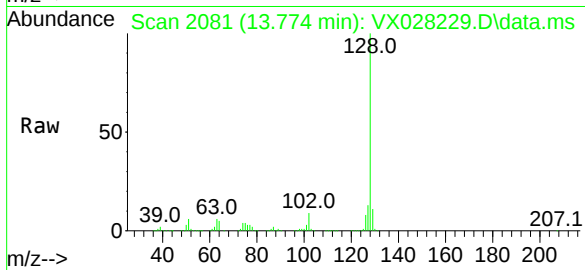
Tgt Ion:128 Resp: 959370

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 53.050 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX028229.D

Acq: 21 Apr 2022 04:34

Tgt Ion:180 Resp: 273135

Ion Ratio Lower Upper

180 100

182 97.3 50.0 149.8

145 33.2 16.2 48.5

