

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053122\
 Data File : VX029067.D
 Acq On : 31 May 2022 11:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 01 04:55:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	280391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	432970	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	402856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	224530	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	143402	45.354	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.700%
35) Dibromofluoromethane	5.385	113	136931	47.614	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.220%
50) Toluene-d8	8.653	98	487985	46.394	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.780%
62) 4-Bromofluorobenzene	11.079	95	202935	49.912	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.820%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	141652	58.103	ug/l	100
3) Chloromethane	1.294	50	119689	46.919	ug/l	98
4) Vinyl Chloride	1.374	62	142123	50.663	ug/l	99
5) Bromomethane	1.599	94	116719	93.989	ug/l	100
6) Chloroethane	1.672	64	94541	46.088	ug/l	98
7) Trichlorofluoromethane	1.880	101	236422	54.226	ug/l	98
8) Diethyl Ether	2.136	74	91499	54.758	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	143997	55.687	ug/l	96
10) Methyl Iodide	2.447	142	168370	52.852	ug/l	98
11) Tert butyl alcohol	2.977	59	207004	282.619	ug/l	96
12) 1,1-Dichloroethene	2.312	96	127568	50.479	ug/l	95
13) Acrolein	2.233	56	87316	263.105	ug/l	99
14) Allyl chloride	2.660	41	203386	53.588	ug/l	97
15) Acrylonitrile	3.062	53	422923	280.431	ug/l	100
16) Acetone	2.380	43	377347	303.080	ug/l	97
17) Carbon Disulfide	2.508	76	275034	39.680	ug/l	98
18) Methyl Acetate	2.703	43	184106	57.175	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	498954	58.193	ug/l	97
20) Methylene Chloride	2.788	84	152593	52.568	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	141839	49.750	ug/l	95
22) Diisopropyl ether	3.763	45	435892	57.420	ug/l	97
23) Vinyl Acetate	3.721	43	1827807	288.302	ug/l	99
24) 1,1-Dichloroethane	3.605	63	260253	55.411	ug/l	99
25) 2-Butanone	4.556	43	570029	283.823	ug/l	98
26) 2,2-Dichloropropane	4.477	77	231950	60.196	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	183172	53.873	ug/l	92
28) Bromochloromethane	4.897	49	84467	44.696	ug/l	86
29) Tetrahydrofuran	5.001	42	353469	274.447	ug/l	99
30) Chloroform	5.099	83	298739	57.375	ug/l	97
31) Cyclohexane	5.470	56	203407	49.484	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	266915	56.611	ug/l	97
36) 1,1-Dichloropropene	5.690	75	197600	53.399	ug/l	97
37) Ethyl Acetate	4.714	43	208983	58.273	ug/l	99
38) Carbon Tetrachloride	5.678	117	240382	56.842	ug/l	99
39) Methylcyclohexane	7.379	83	239519	52.361	ug/l	95
40) Benzene	6.037	78	604001	55.110	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	115310	59.529	ug/l	98
42) 1,2-Dichloroethane	6.086	62	209879	56.469	ug/l	97
43) Isopropyl Acetate	6.342	43	333619	59.463	ug/l	99
44) Trichloroethene	7.129	130	183550	56.585	ug/l	96
45) 1,2-Dichloropropane	7.434	63	153597	58.154	ug/l	97
46) Dibromomethane	7.580	93	116634	56.686	ug/l	96
47) Bromodichloromethane	7.824	83	245231	60.459	ug/l	99
48) Methyl methacrylate	7.696	41	159481	58.437	ug/l	97
49) 1,4-Dioxane	7.659	88	84994	1017.762	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	1135037	304.165	ug/l	99
52) Toluene	8.720	92	411375	56.190	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	255472	61.283	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	272626	59.771	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	180971	59.406	ug/l	98
56) Ethyl methacrylate	9.116	69	267754	61.921	ug/l	99
57) 1,3-Dichloropropane	9.311	76	283567	58.399	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	534662	260.926	ug/l	93
59) 2-Hexanone	9.433	43	898476	309.381	ug/l	98
60) Dibromochloromethane	9.525	129	213976	61.716	ug/l	96
61) 1,2-Dibromoethane	9.610	107	190566	57.838	ug/l	98
64) Tetrachloroethene	9.275	164	166695	54.955	ug/l	98
65) Chlorobenzene	10.079	112	477846	57.739	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	194907	61.096	ug/l	98
67) Ethyl Benzene	10.195	91	813962	58.535	ug/l	97
68) m/p-Xylenes	10.305	106	660450	118.265	ug/l	96
69) o-Xylene	10.646	106	332368	60.221	ug/l	95
70) Styrene	10.659	104	565163	61.529	ug/l	99
71) Bromoform	10.799	173	180054	65.374	ug/l #	100
73) Isopropylbenzene	10.963	105	868623	57.568	ug/l	100
74) N-amyl acetate	10.848	43	298836	61.165	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	292542	57.513	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	334671	73.528	ug/l	90
77) Bromobenzene	11.201	156	228697	56.829	ug/l	91
78) n-propylbenzene	11.305	91	986339	58.775	ug/l	96
79) 2-Chlorotoluene	11.366	91	613957	57.880	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	753304	58.317	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	97617	62.920	ug/l	98
82) 4-Chlorotoluene	11.457	91	706649	58.196	ug/l	96
83) tert-Butylbenzene	11.713	119	787662	59.659	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	756589	58.678	ug/l	98
85) sec-Butylbenzene	11.890	105	954714	61.595	ug/l	99
86) p-Isopropyltoluene	12.012	119	830217	61.264	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	438123	57.764	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	441662	56.509	ug/l	99
89) n-Butylbenzene	12.335	91	677444	61.604	ug/l	98
90) Hexachloroethane	12.542	117	152506	61.896	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	434817	58.198	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	65939	58.060	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	281221	60.358	ug/l	99
94) Hexachlorobutadiene	13.725	225	120499	62.110	ug/l	95
95) Naphthalene	13.774	128	924333	62.039	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	279872	60.829	ug/l	96

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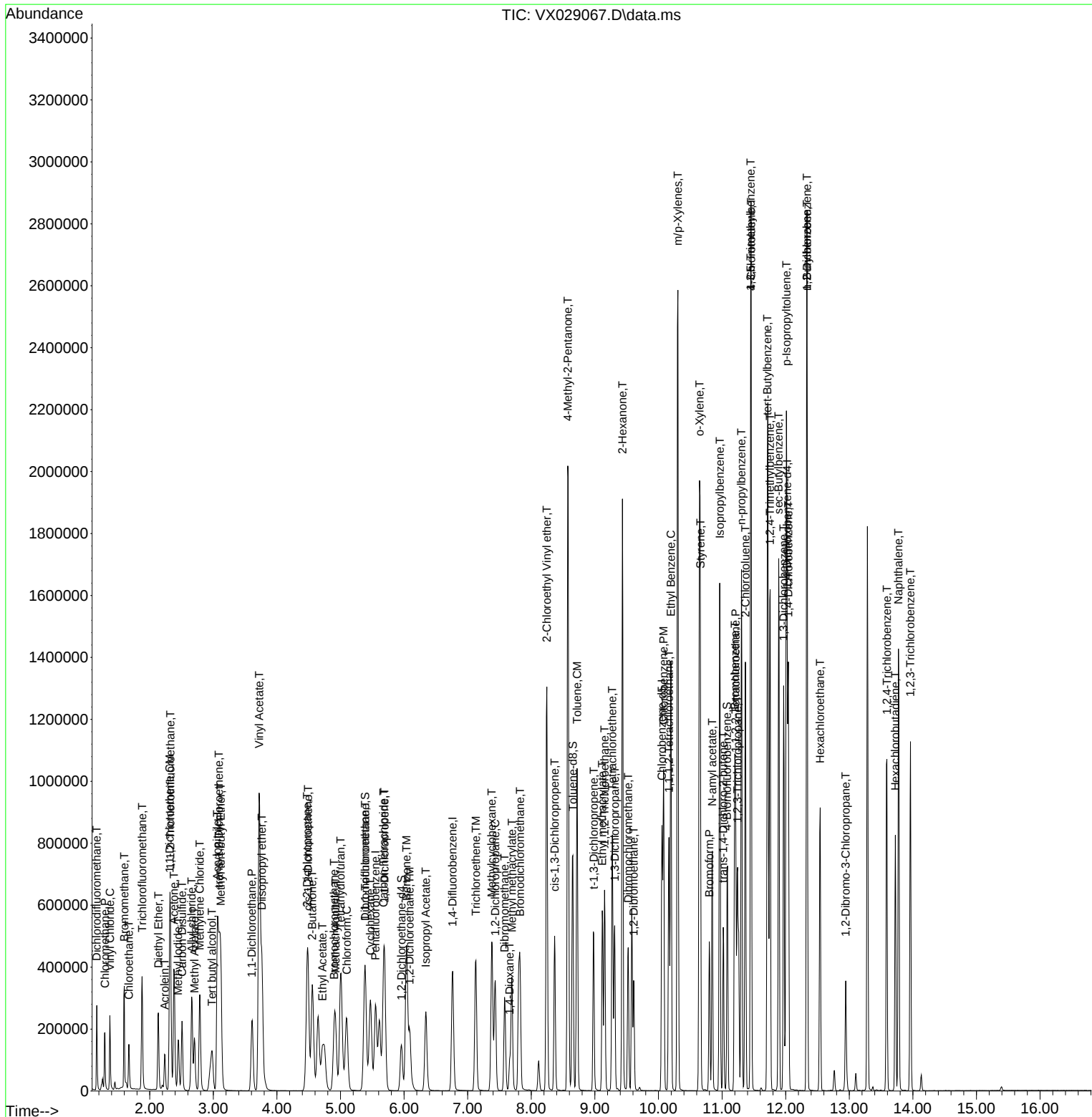
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

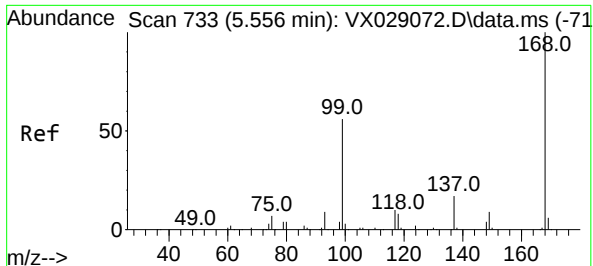
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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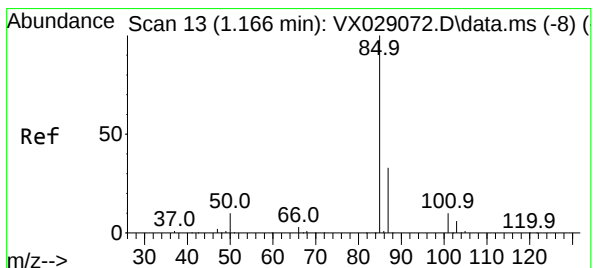
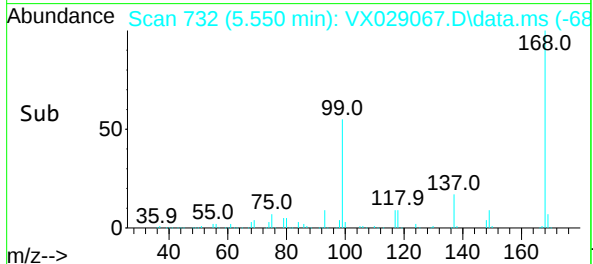
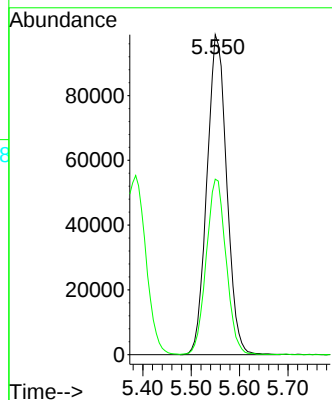
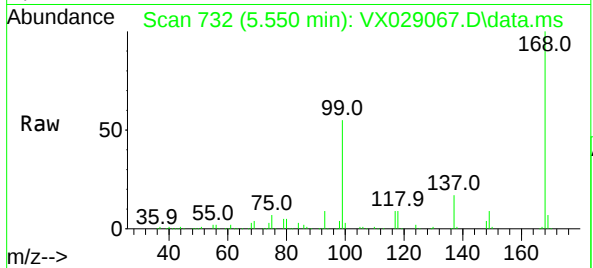




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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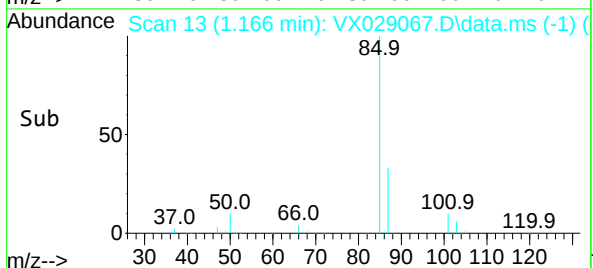
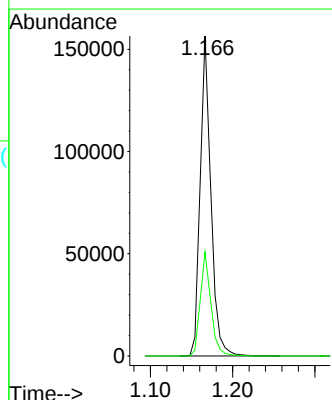
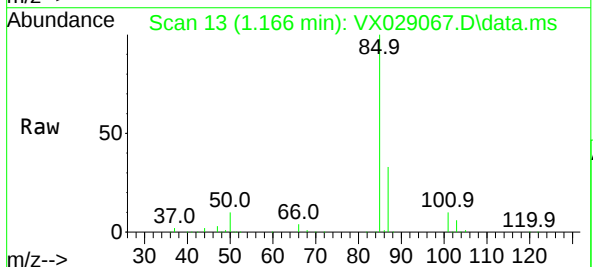
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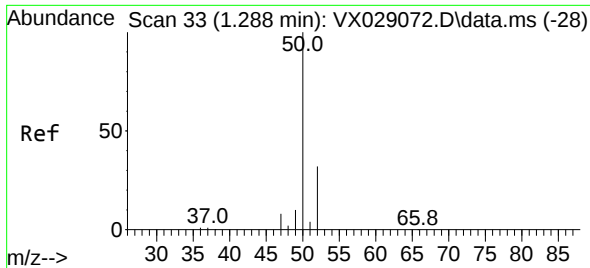
Tgt Ion:168 Resp: 280391
Ion Ratio Lower Upper
168 100
99 54.8 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 58.103 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

Tgt Ion: 85 Resp: 141652
Ion Ratio Lower Upper
85 100
87 32.5 16.2 48.6

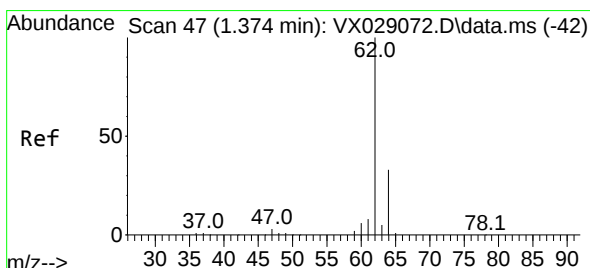
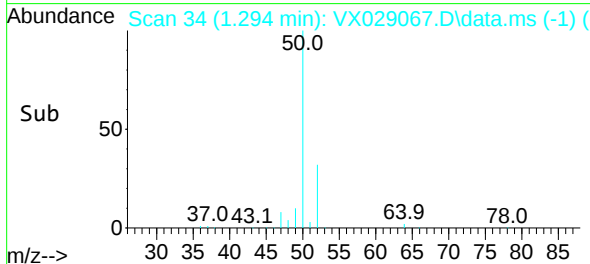
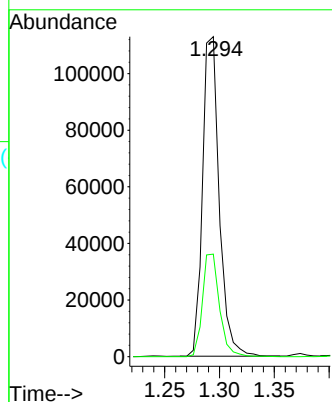
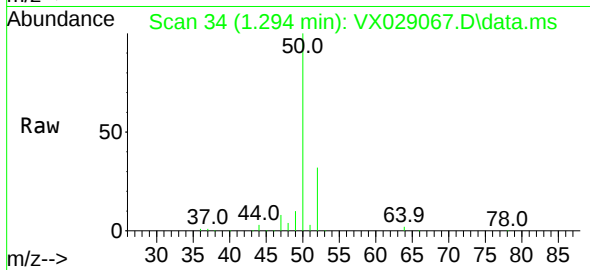




#3
Chloromethane
Concen: 46.919 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

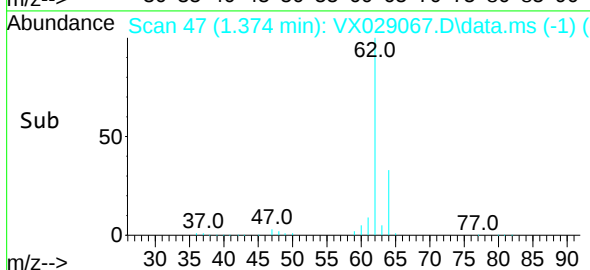
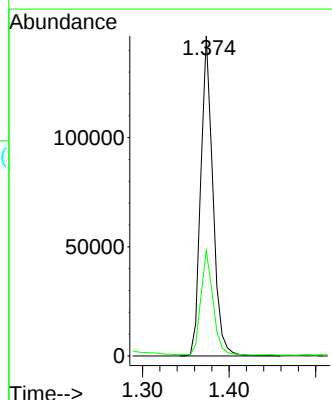
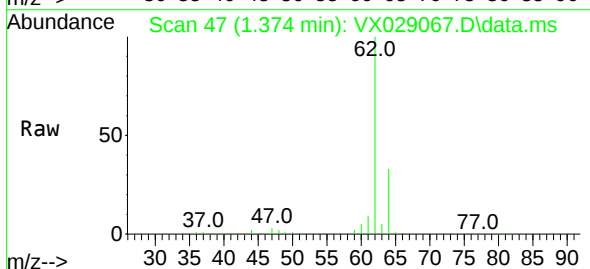
Instrument :
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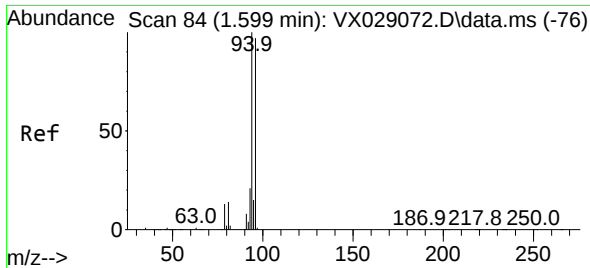
Tgt Ion: 50 Resp: 119689
Ion Ratio Lower Upper
50 100
52 32.1 26.4 39.6



#4
Vinyl Chloride
Concen: 50.663 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

Tgt Ion: 62 Resp: 142123
Ion Ratio Lower Upper
62 100
64 32.6 25.5 38.3

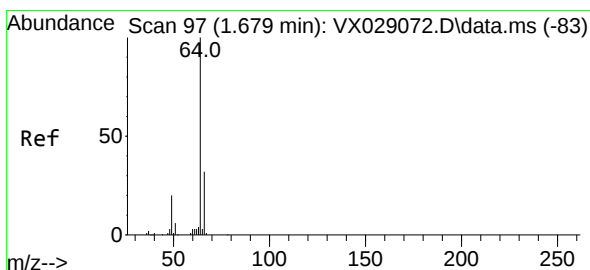
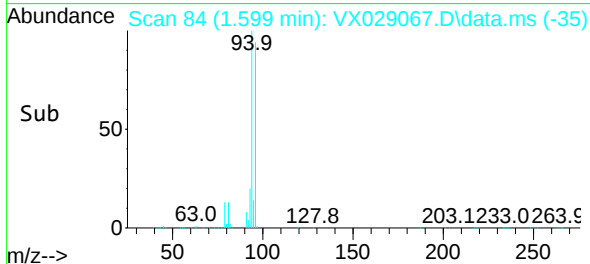
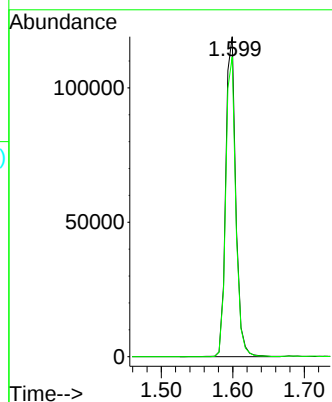
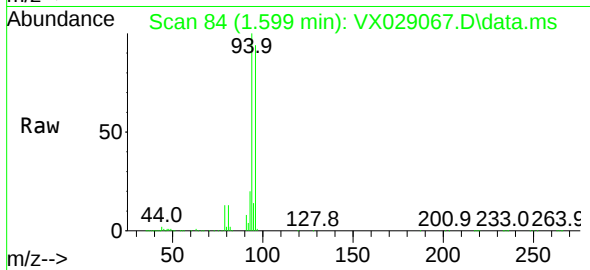




#5
 Bromomethane
 Concen: 93.989 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX029067.D
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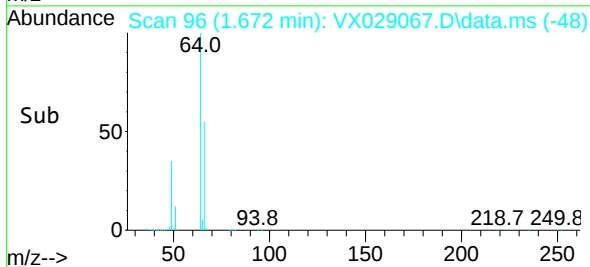
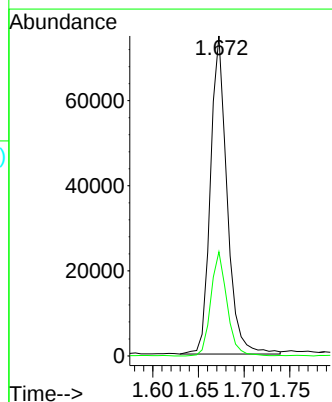
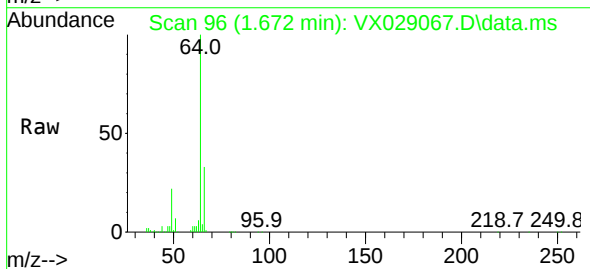
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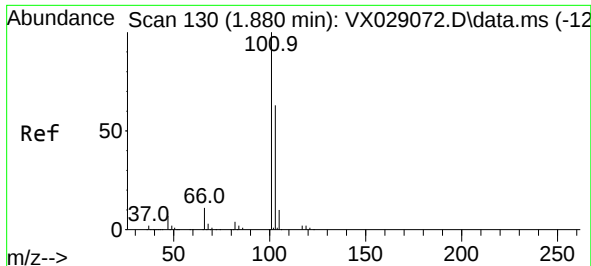
Tgt Ion: 94 Resp: 116719
 Ion Ratio Lower Upper
 94 100
 96 93.7 75.3 112.9



#6
 Chloroethane
 Concen: 46.088 ug/l
 RT: 1.672 min Scan# 96
 Delta R.T. -0.007 min
 Lab File: VX029067.D
 Acq: 31 May 2022 11:18

Tgt Ion: 64 Resp: 94541
 Ion Ratio Lower Upper
 64 100
 66 32.7 25.3 37.9

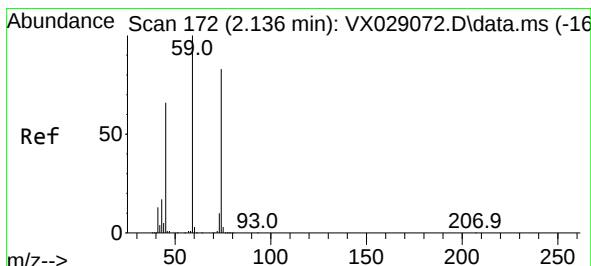
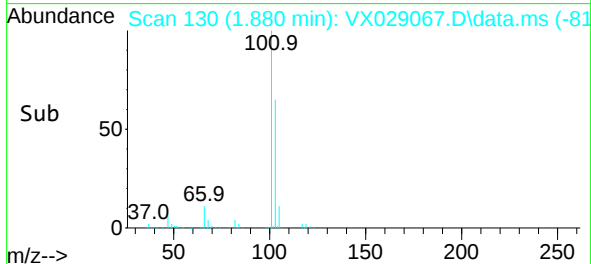
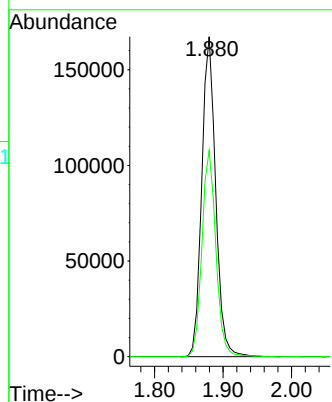
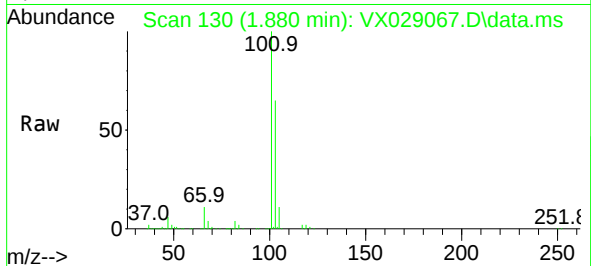




#7
 Trichlorofluoromethane
 Concen: 54.226 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029067.D
 Acq: 31 May 2022 11:18

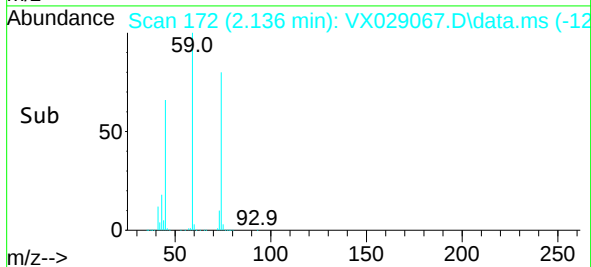
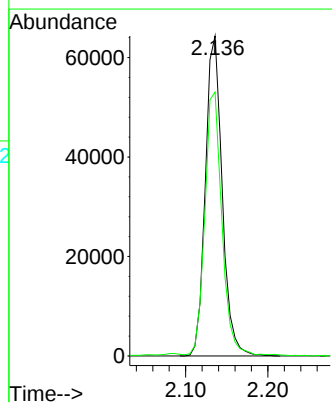
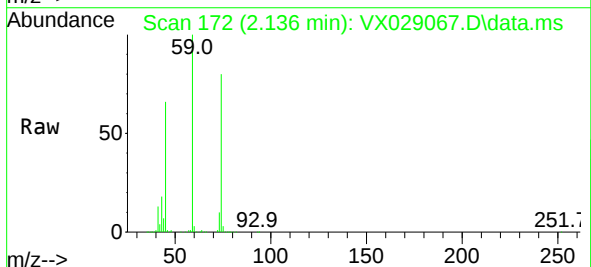
Instrument :
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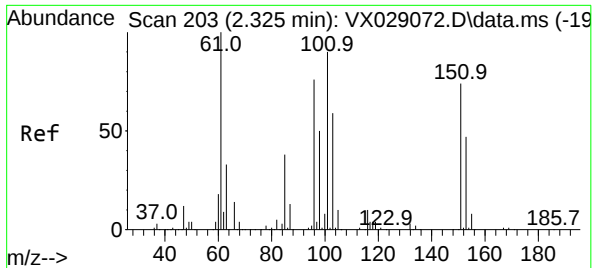
Tgt Ion:101 Resp: 236422
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.5 75.7



#8
 Diethyl Ether
 Concen: 54.758 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 91499
 Ion Ratio Lower Upper
 74 100
 45 84.6 42.0 126.0

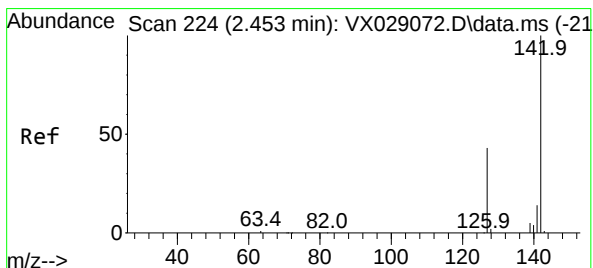
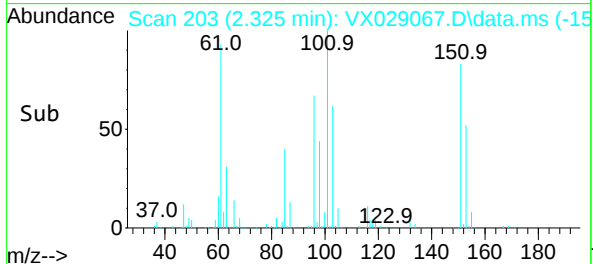
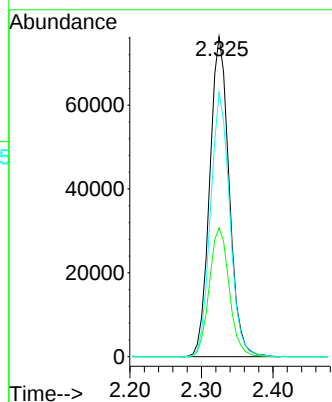
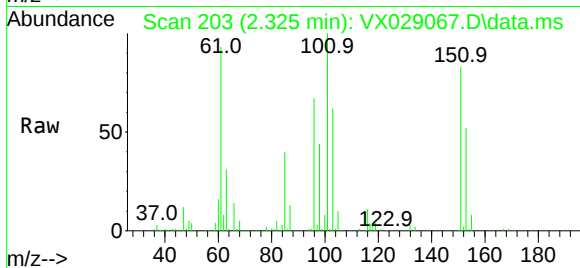




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.687 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

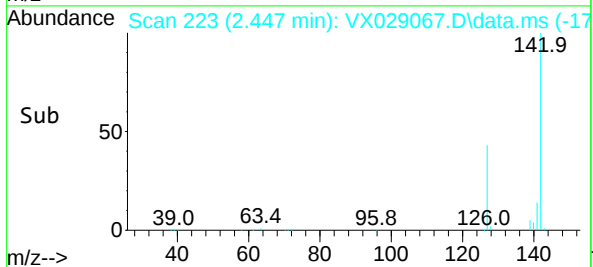
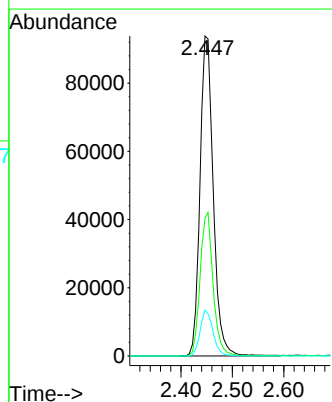
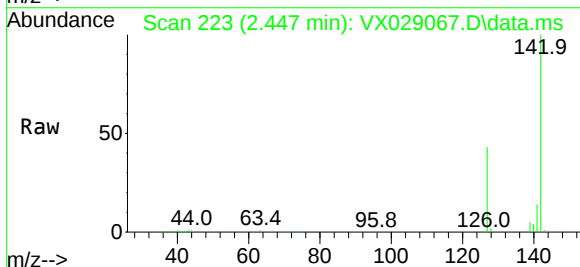
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

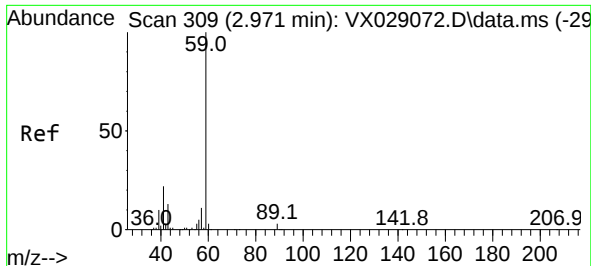
Tgt Ion:101 Resp: 143997
Ion Ratio Lower Upper
101 100
85 41.2 33.5 50.3
151 82.0 61.8 92.6



#10
Methyl Iodide
Concen: 52.852 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

Tgt Ion:142 Resp: 168370
Ion Ratio Lower Upper
142 100
127 43.7 33.9 50.9
141 13.9 11.4 17.2

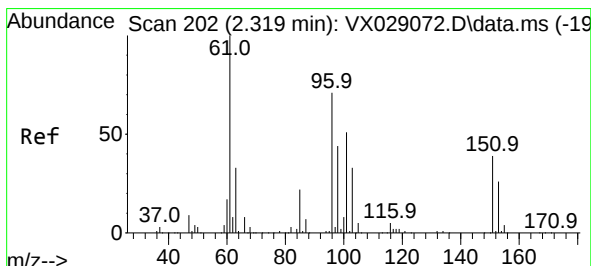
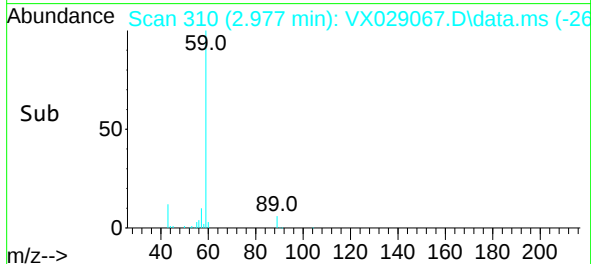
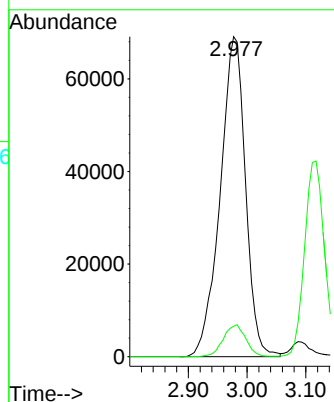
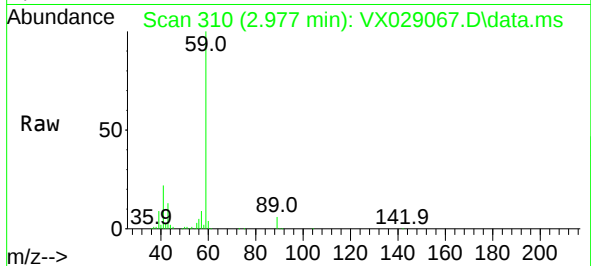




#11
Tert butyl alcohol
Concen: 282.619 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.006 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

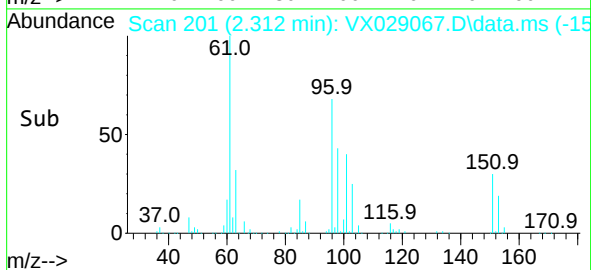
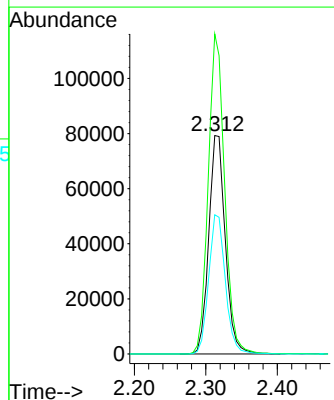
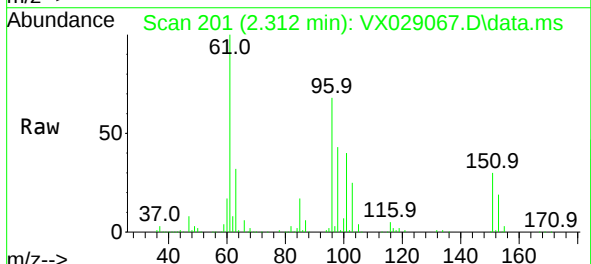
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

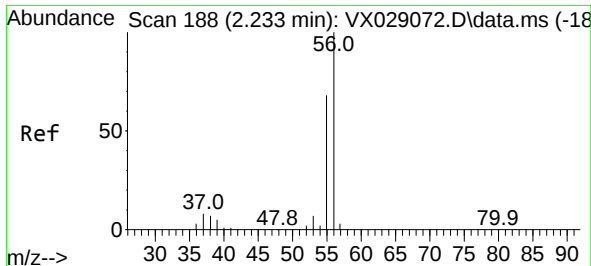
Tgt Ion: 59 Resp: 207004
Ion Ratio Lower Upper
59 100
57 8.9 8.3 12.5



#12
1,1-Dichloroethene
Concen: 50.479 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.007 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

Tgt Ion: 96 Resp: 127568
Ion Ratio Lower Upper
96 100
61 146.5 124.6 187.0
98 63.7 51.0 76.4

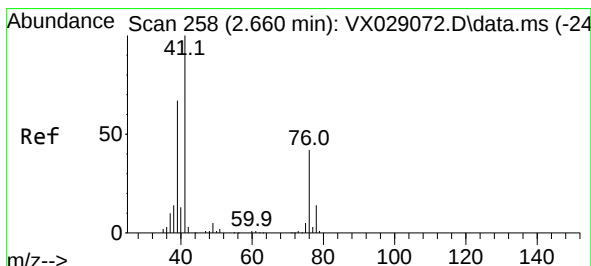
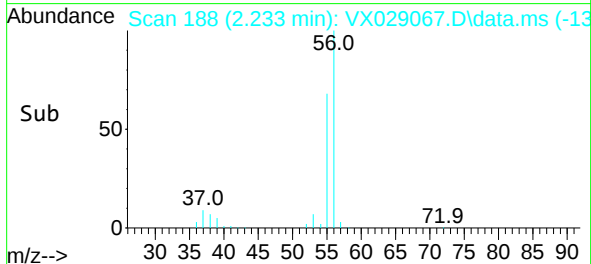
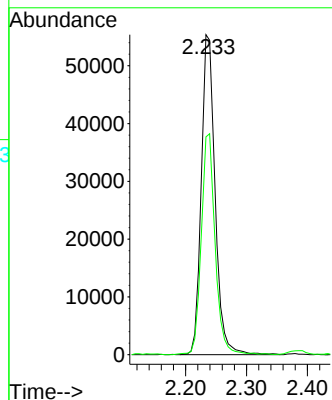
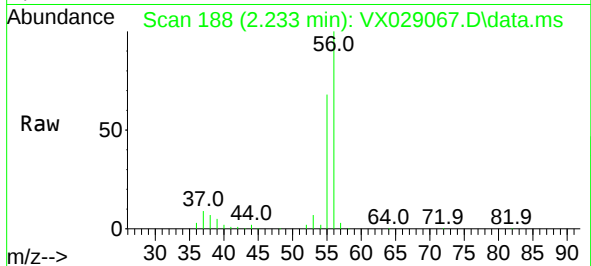




#13
Acrolein
Concen: 263.105 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

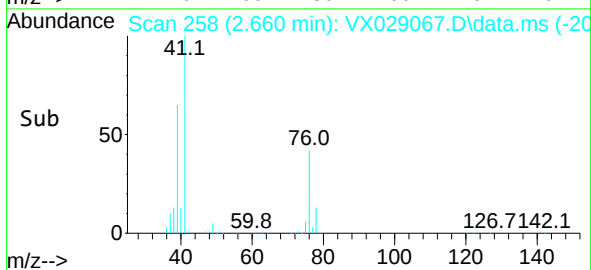
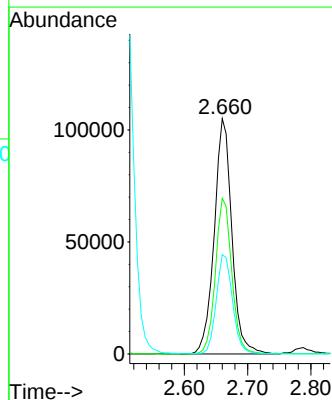
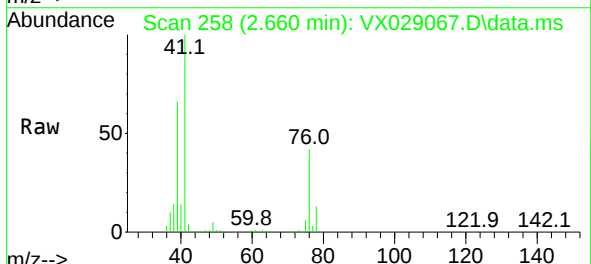
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

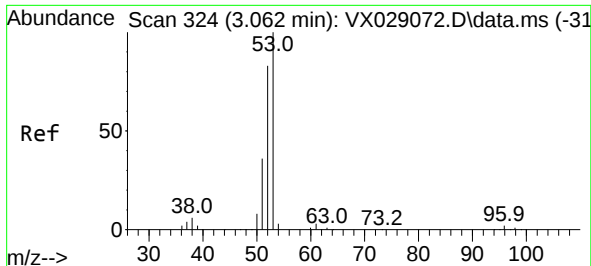
Tgt Ion: 56 Resp: 87316
Ion Ratio Lower Upper
56 100
55 69.5 55.0 82.6



#14
Allyl chloride
Concen: 53.588 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

Tgt Ion: 41 Resp: 203386
Ion Ratio Lower Upper
41 100
39 61.2 50.4 75.6
76 38.9 32.7 49.1

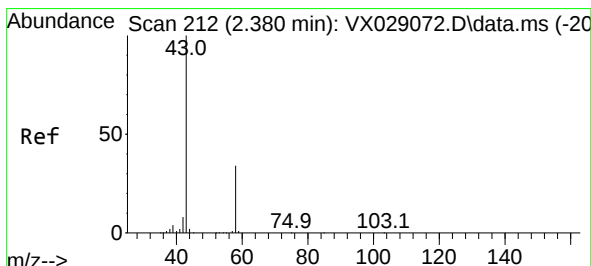
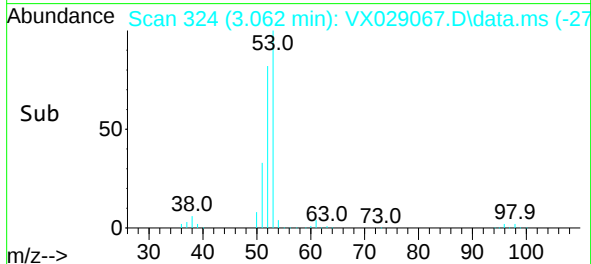
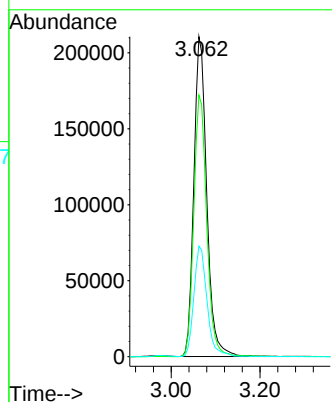
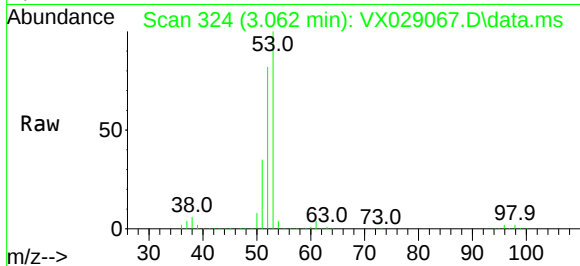




#15
Acrylonitrile
Concen: 280.431 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

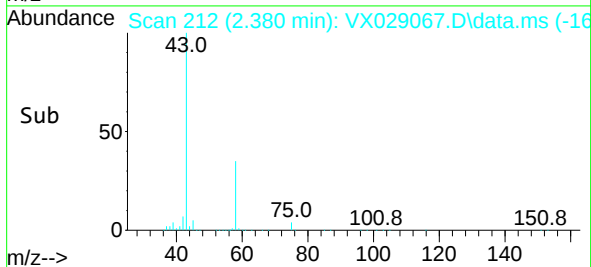
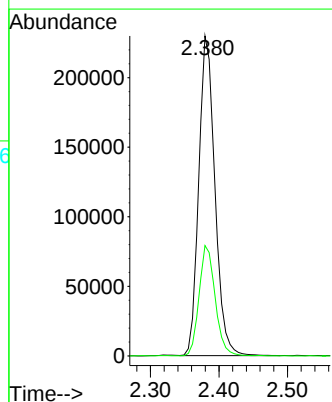
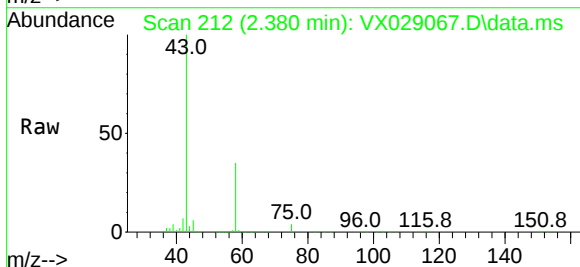
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

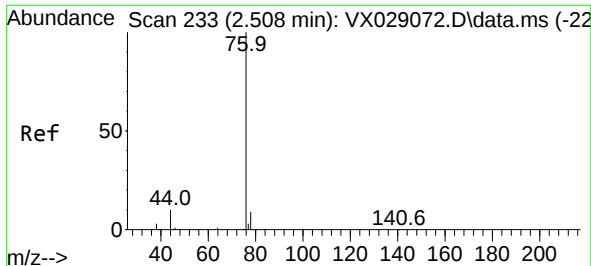
Tgt Ion: 53 Resp: 422923
Ion Ratio Lower Upper
53 100
52 82.3 65.7 98.5
51 35.1 28.4 42.6



#16
Acetone
Concen: 303.080 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

Tgt Ion: 43 Resp: 377347
Ion Ratio Lower Upper
43 100
58 34.5 28.8 43.2

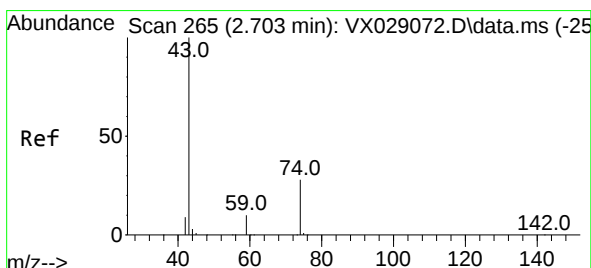
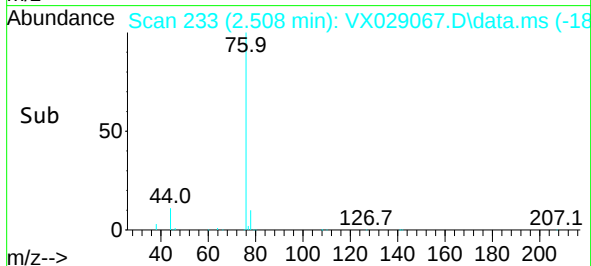
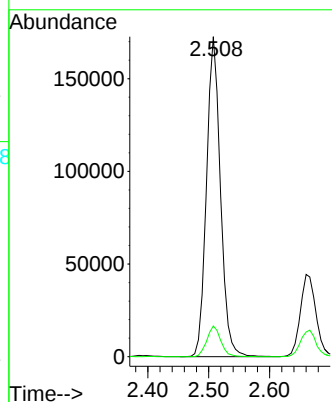
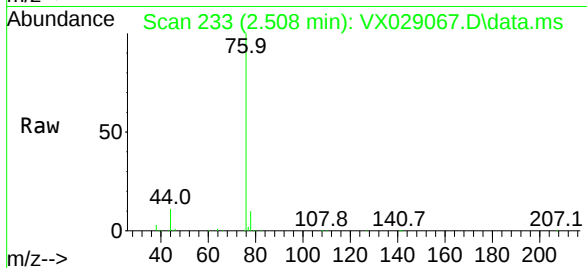




#17
Carbon Disulfide
Concen: 39.680 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

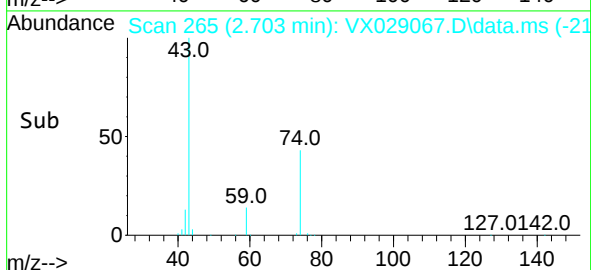
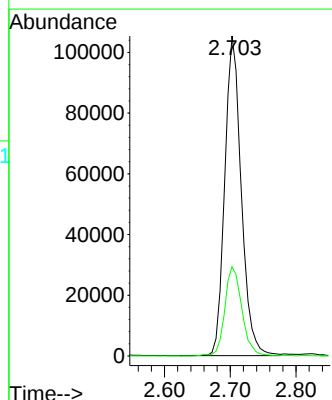
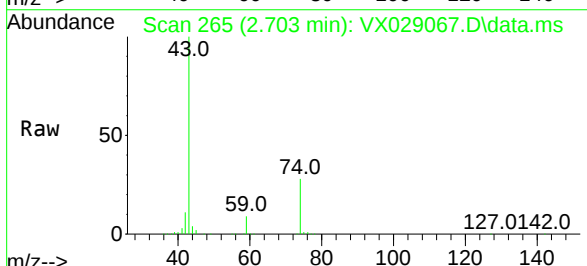
Instrument :
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ClientSampleId :
VSTDCCC050

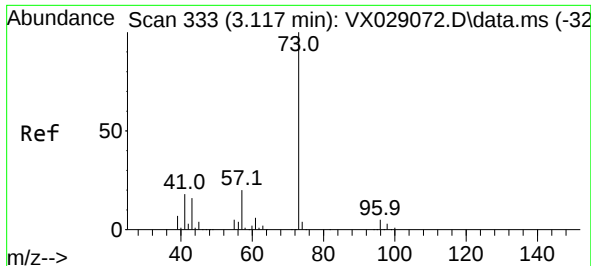
Tgt Ion: 76 Resp: 275034
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8



#18
Methyl Acetate
Concen: 57.175 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

Tgt Ion: 43 Resp: 184106
Ion Ratio Lower Upper
43 100
74 29.0 22.8 34.2

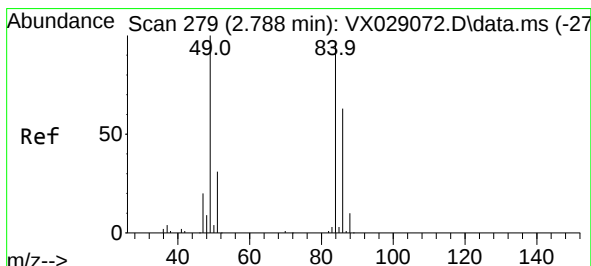
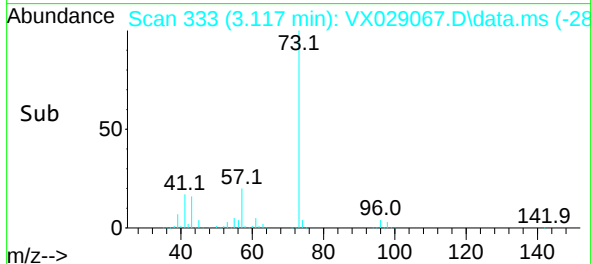
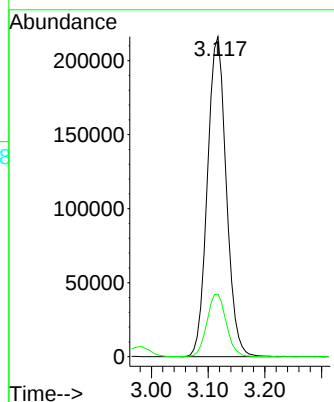
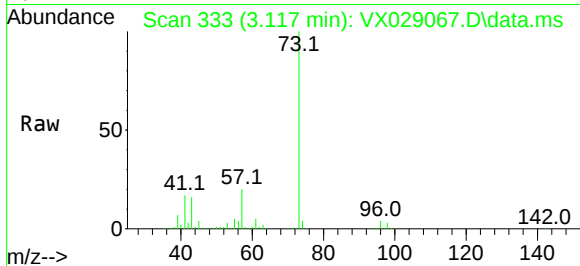




#19
Methyl tert-butyl Ether
Concen: 58.193 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

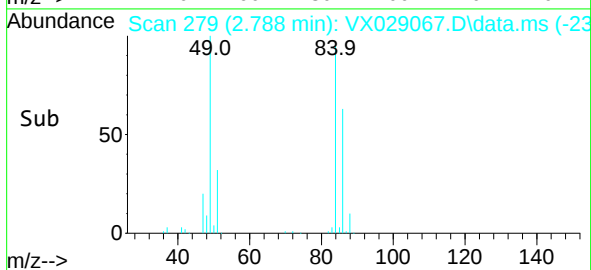
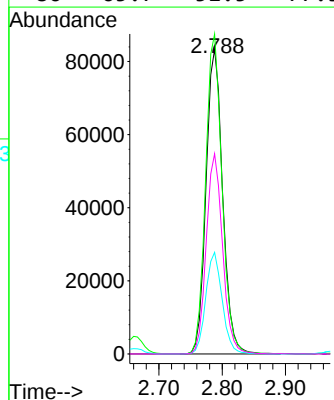
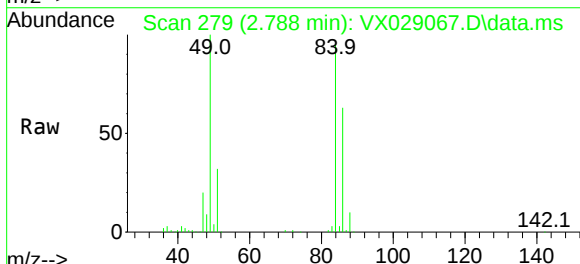
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

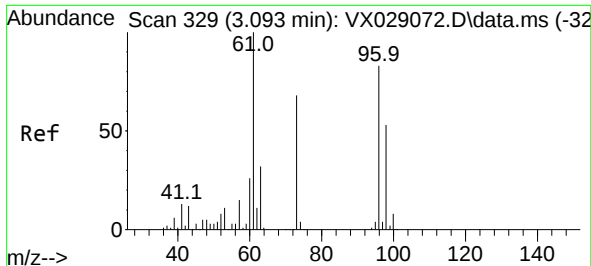
Tgt Ion: 73 Resp: 498954
Ion Ratio Lower Upper
73 100
57 19.6 16.8 25.2



#20
Methylene Chloride
Concen: 52.568 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

Tgt Ion: 84 Resp: 152593
Ion Ratio Lower Upper
84 100
49 105.0 85.5 128.3
51 33.3 26.6 39.8
86 65.7 51.5 77.3

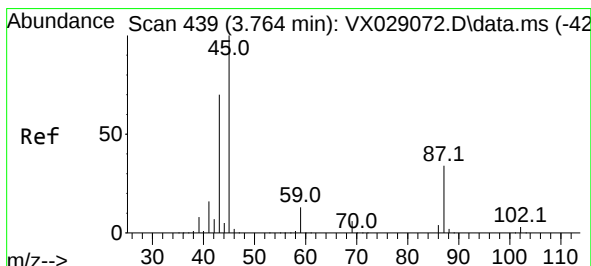
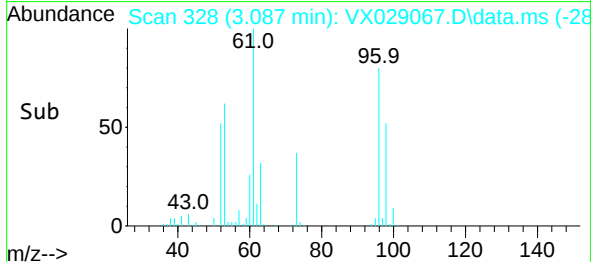
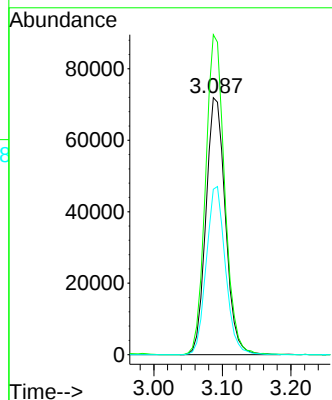
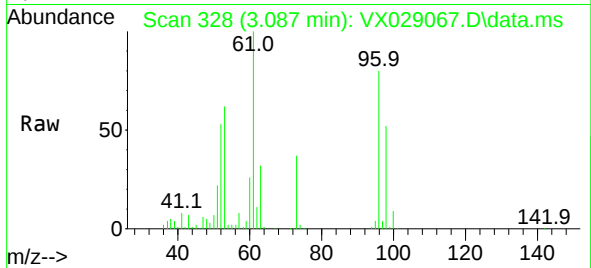




#21
trans-1,2-Dichloroethene
Concen: 49.750 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

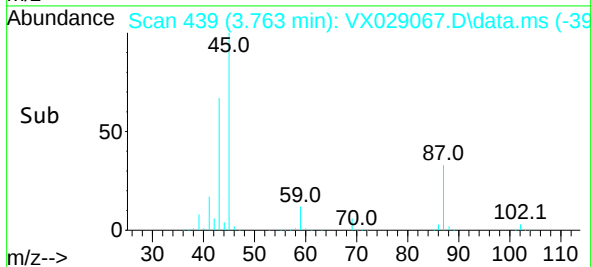
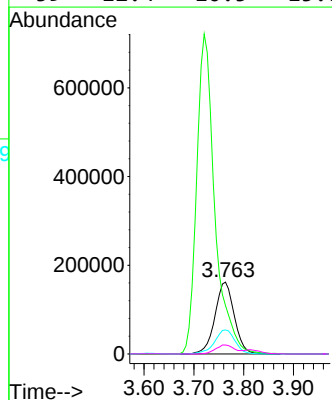
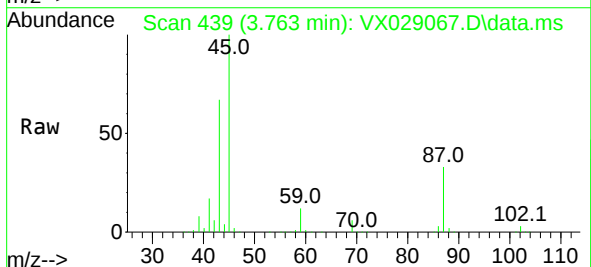
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

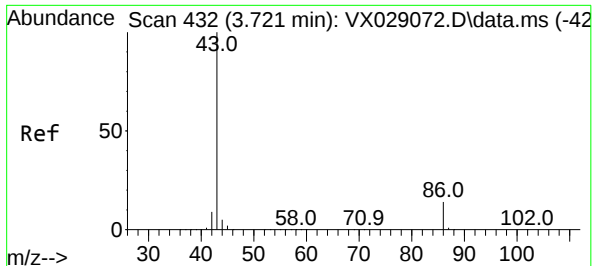
Tgt Ion: 96 Resp: 141839
Ion Ratio Lower Upper
96 100
61 124.5 105.4 158.2
98 64.4 50.0 75.0



#22
Diisopropyl ether
Concen: 57.420 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.001 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

Tgt Ion: 45 Resp: 435892
Ion Ratio Lower Upper
45 100
43 67.0 50.8 76.2
87 33.4 26.6 39.8
59 12.4 10.5 15.7

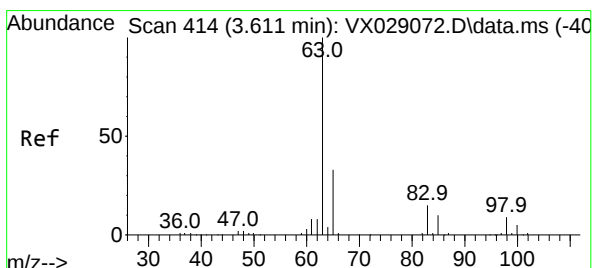
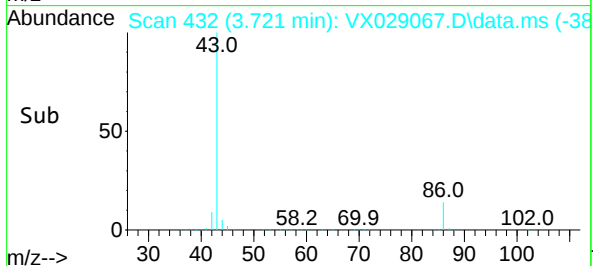
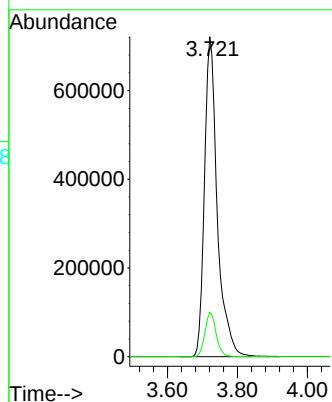
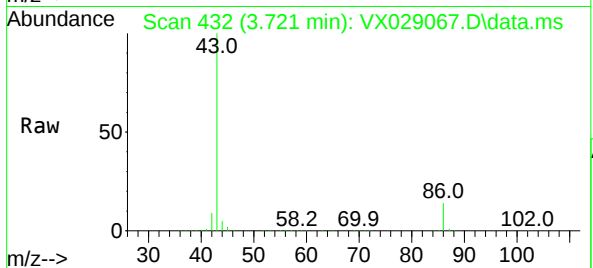




#23
 Vinyl Acetate
 Concen: 288.302 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX029067.D
 Acq: 31 May 2022 11:18

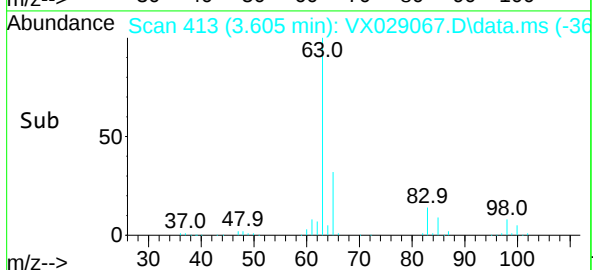
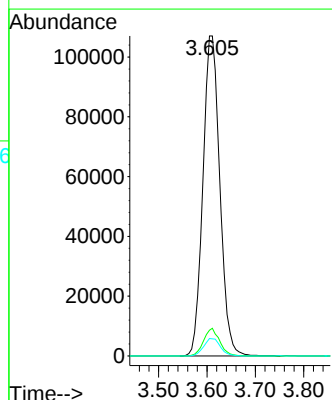
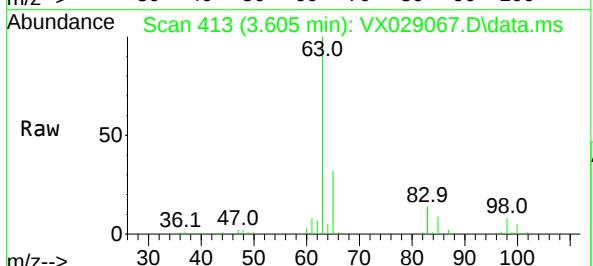
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

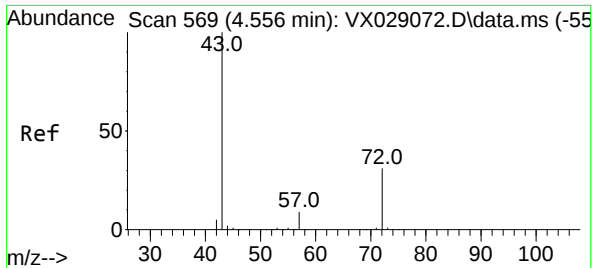
Tgt Ion: 43 Resp: 1827807
 Ion Ratio Lower Upper
 43 100
 86 13.8 10.8 16.2



#24
 1,1-Dichloroethane
 Concen: 55.411 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX029067.D
 Acq: 31 May 2022 11:18

Tgt Ion: 63 Resp: 260253
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.7
 100 5.4 2.4 7.2

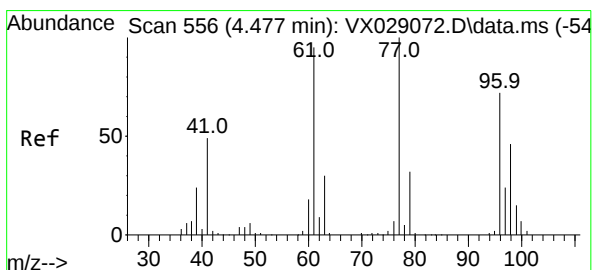
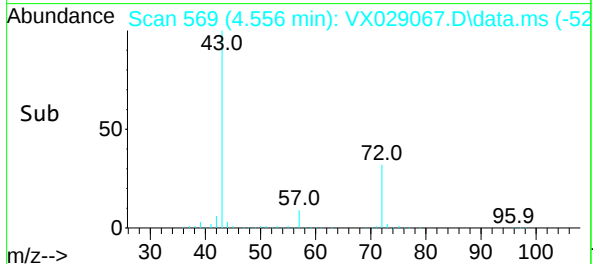
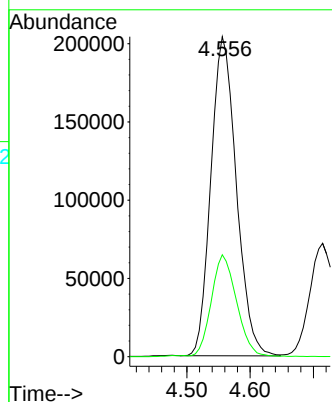
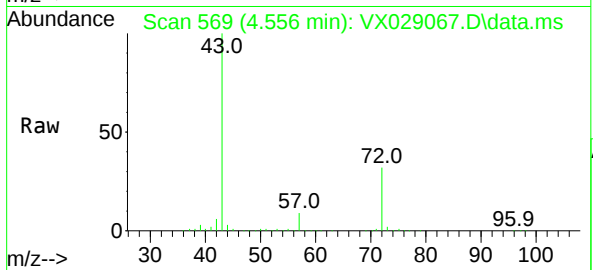




#25
2-Butanone
Concen: 283.823 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

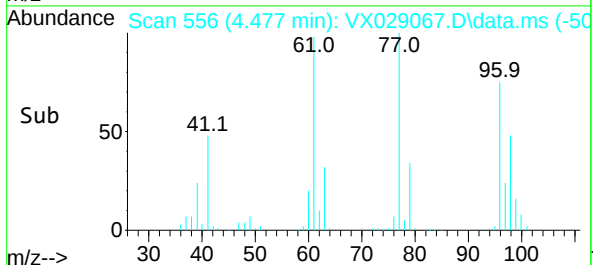
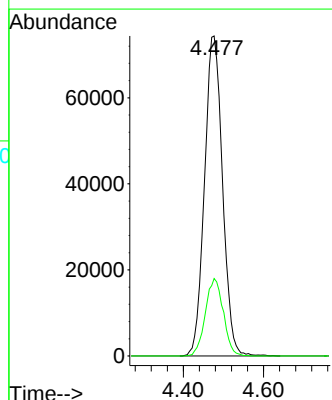
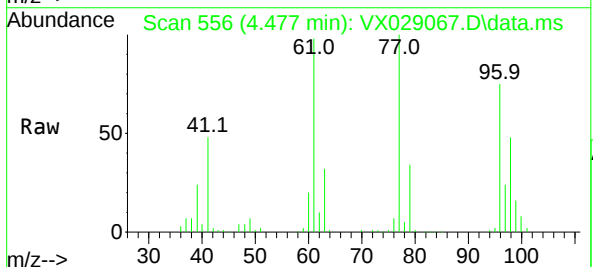
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

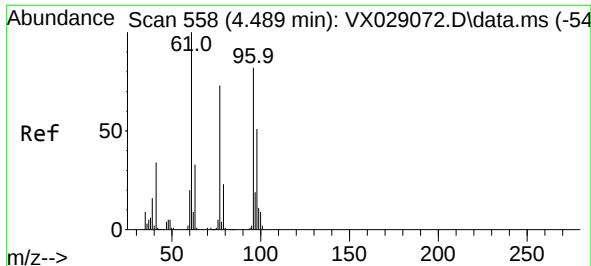
Tgt Ion: 43 Resp: 570029
Ion Ratio Lower Upper
43 100
72 31.8 24.4 36.6



#26
2,2-Dichloropropane
Concen: 60.196 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

Tgt Ion: 77 Resp: 231950
Ion Ratio Lower Upper
77 100
97 24.1 11.8 35.4

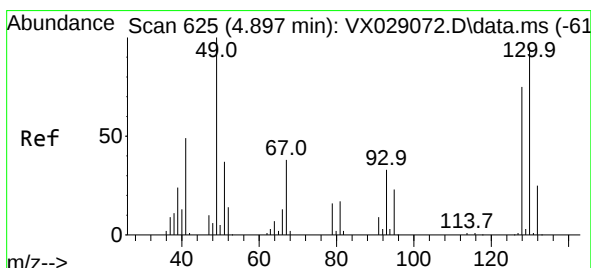
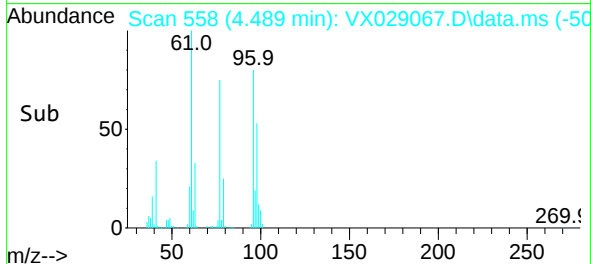
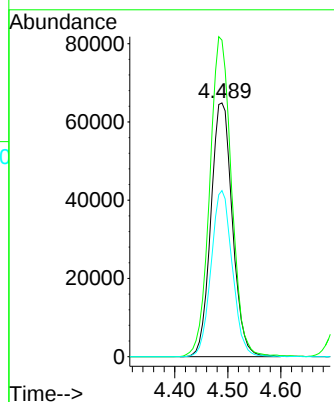
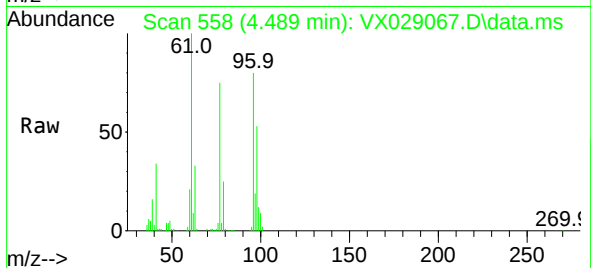




#27
 cis-1,2-Dichloroethene
 Concen: 53.873 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VX029067.D
 Acq: 31 May 2022 11:18

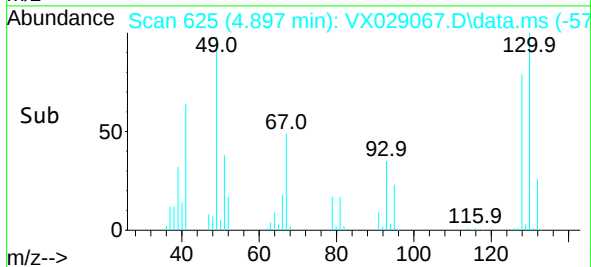
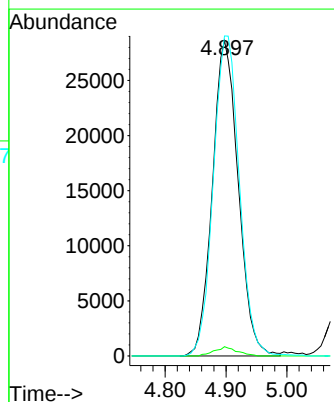
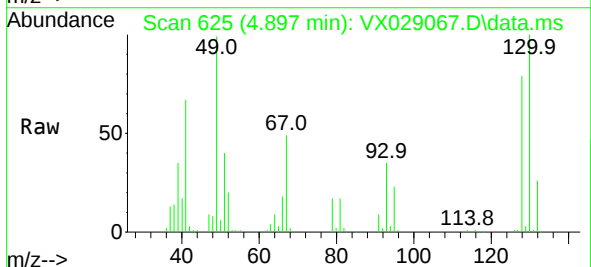
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

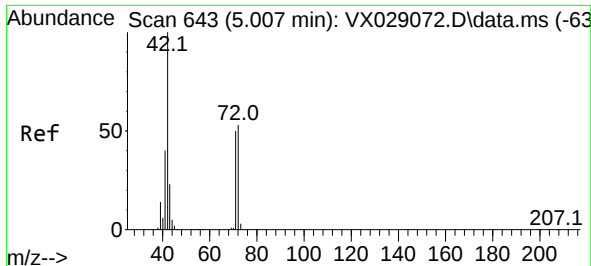
Tgt Ion: 96 Resp: 183172
 Ion Ratio Lower Upper
 96 100
 61 128.0 0.0 283.8
 98 64.6 0.0 129.8



#28
 Bromochloromethane
 Concen: 44.696 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX029067.D
 Acq: 31 May 2022 11:18

Tgt Ion: 49 Resp: 84467
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.4
 130 102.2 70.7 106.1





#29

Tetrahydrofuran

Concen: 274.447 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX029067.D

Acq: 31 May 2022 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

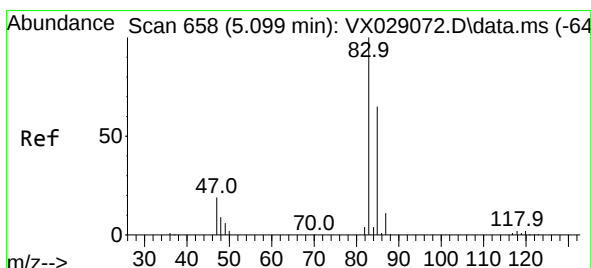
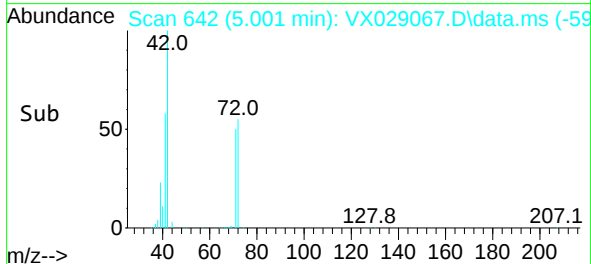
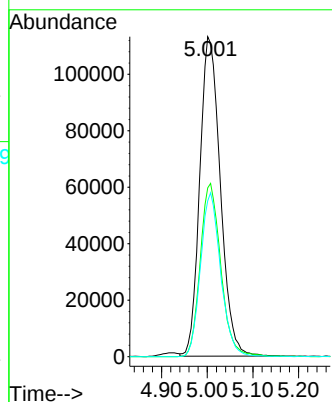
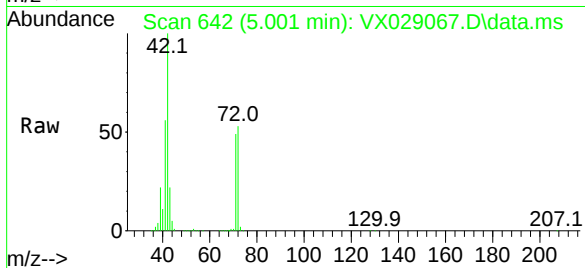
Tgt Ion: 42 Resp: 353469

Ion Ratio Lower Upper

42 100

72 54.2 44.1 66.1

71 50.3 40.5 60.7



#30

Chloroform

Concen: 57.375 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.000 min

Lab File: VX029067.D

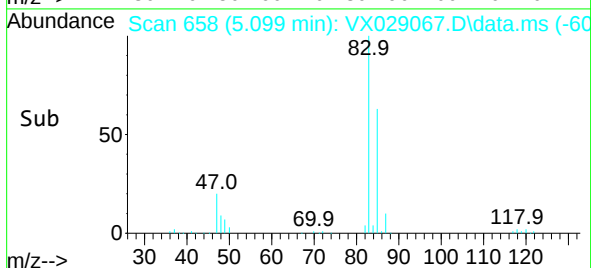
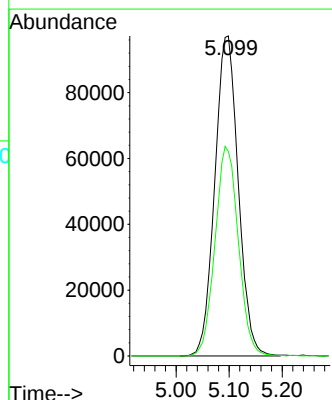
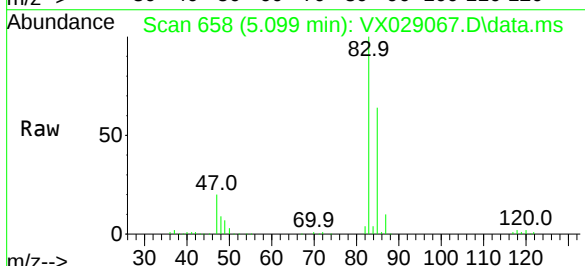
Acq: 31 May 2022 11:18

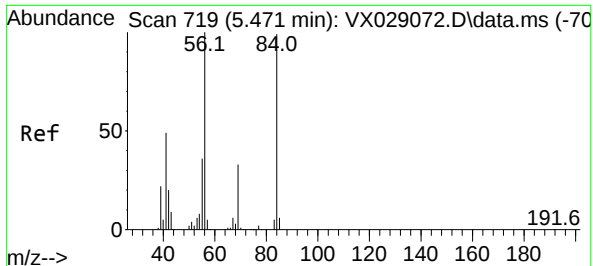
Tgt Ion: 83 Resp: 298739

Ion Ratio Lower Upper

83 100

85 63.9 52.7 79.1

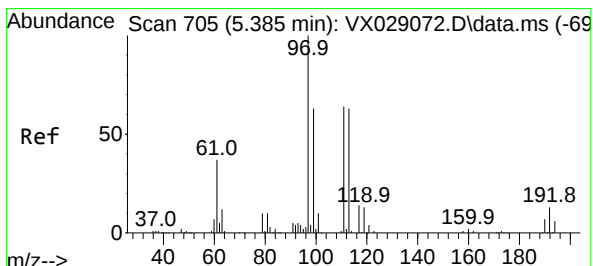
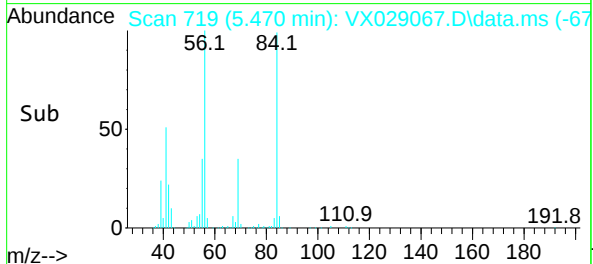
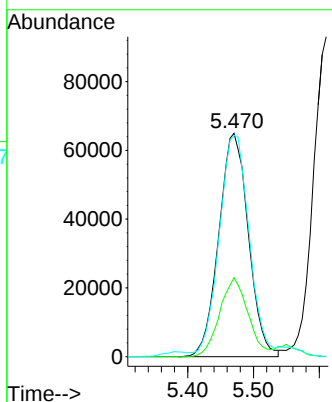
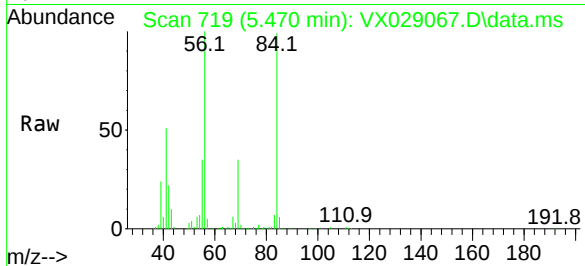




#31
Cyclohexane
Concen: 49.484 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

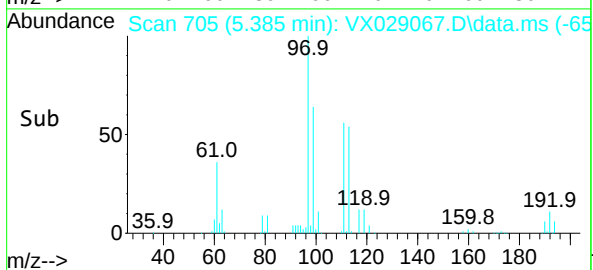
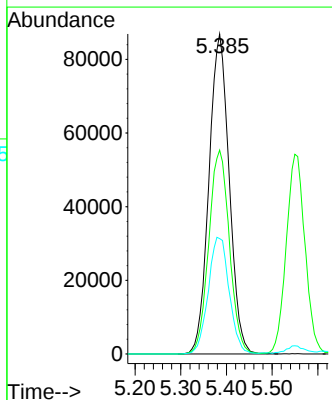
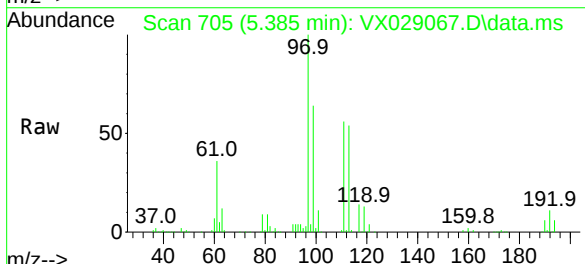
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

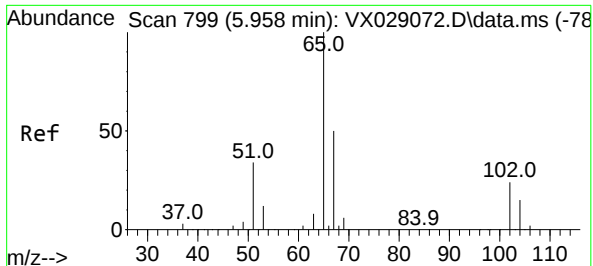
Tgt Ion: 56 Resp: 203407
Ion Ratio Lower Upper
56 100
69 35.4 26.7 40.1
84 97.0 77.2 115.8



#32
1,1,1-Trichloroethane
Concen: 56.611 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

Tgt Ion: 97 Resp: 266915
Ion Ratio Lower Upper
97 100
99 64.9 51.8 77.6
61 37.9 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 45.354 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029067.D

Acq: 31 May 2022 11:18

Instrument :

MSVOA_X

ClientSampleId :

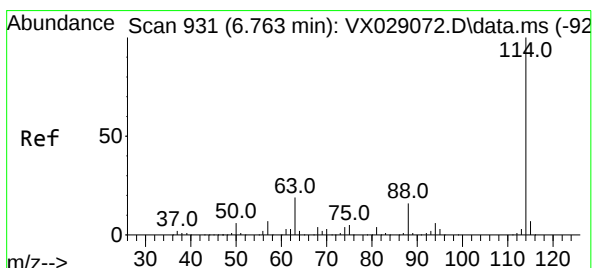
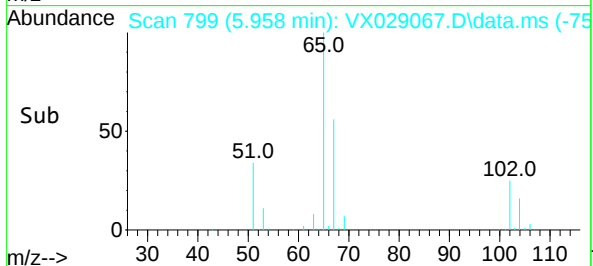
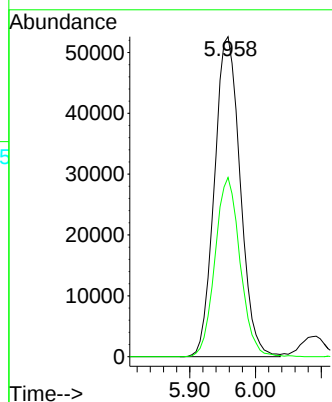
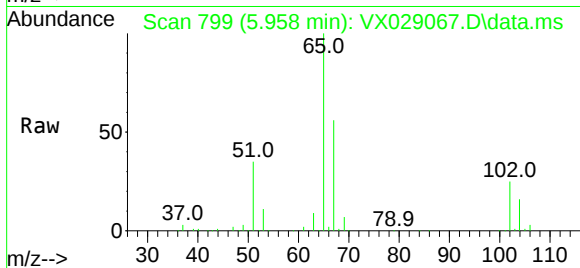
VSTDCCC050

Tgt Ion: 65 Resp: 143402

Ion Ratio Lower Upper

65 100

67 54.6 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: VX029067.D

Acq: 31 May 2022 11:18

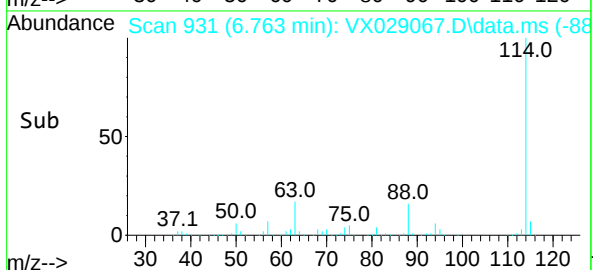
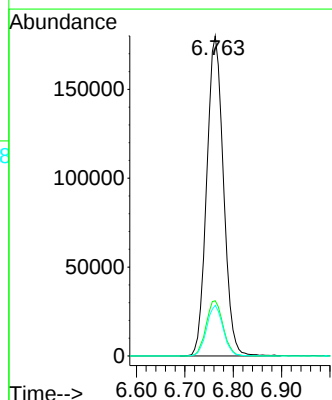
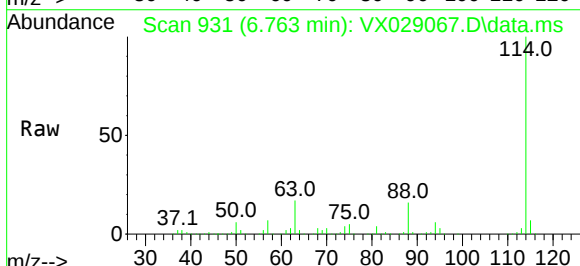
Tgt Ion: 114 Resp: 432970

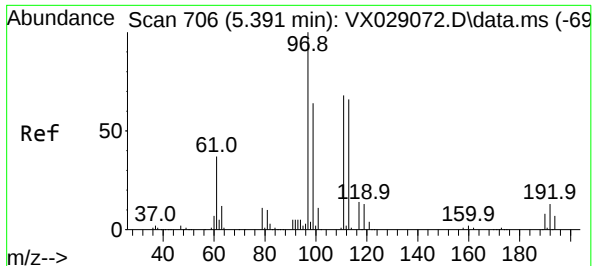
Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.8

88 15.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 47.614 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX029067.D

Acq: 31 May 2022 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

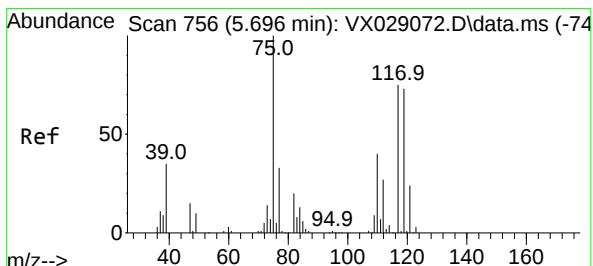
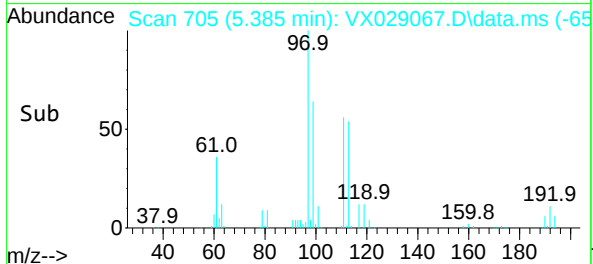
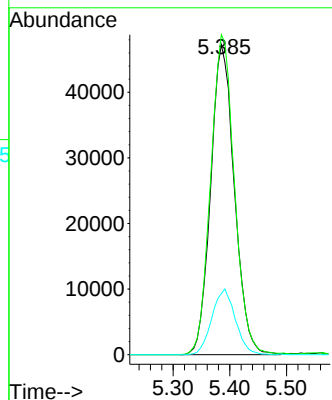
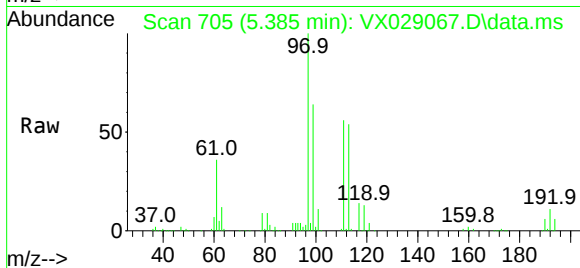
Tgt Ion:113 Resp: 136931

Ion Ratio Lower Upper

113 100

111 103.8 82.8 124.2

192 21.0 16.9 25.3



#36

1,1-Dichloropropene

Concen: 53.399 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX029067.D

Acq: 31 May 2022 11:18

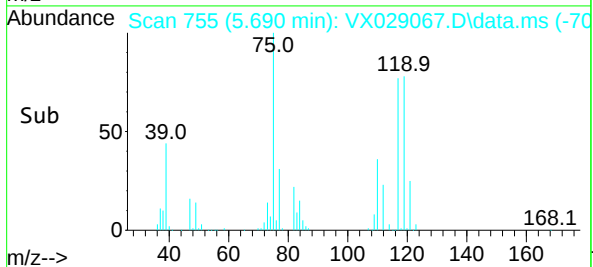
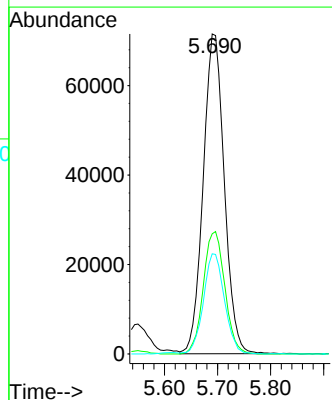
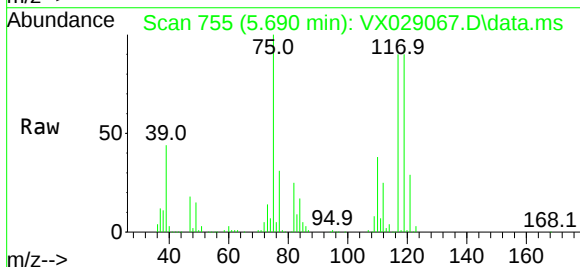
Tgt Ion: 75 Resp: 197600

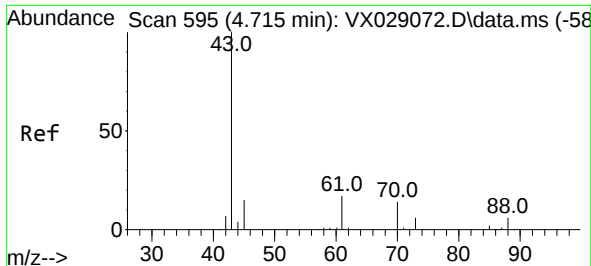
Ion Ratio Lower Upper

75 100

110 39.0 18.3 54.8

77 31.3 24.8 37.2

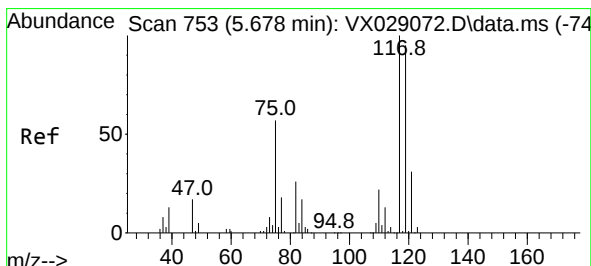
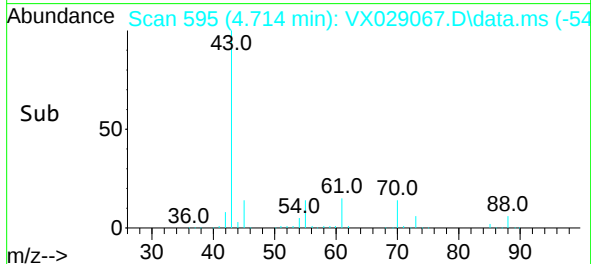
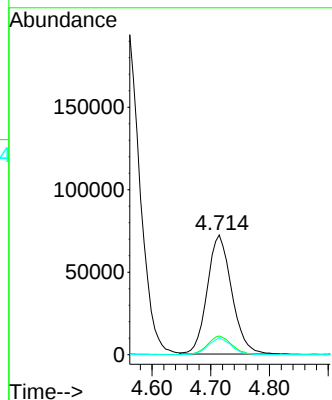
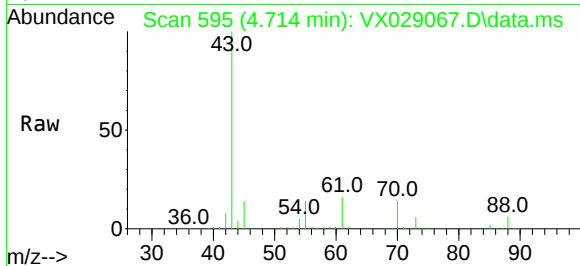




#37
Ethyl Acetate
Concen: 58.273 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.001 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

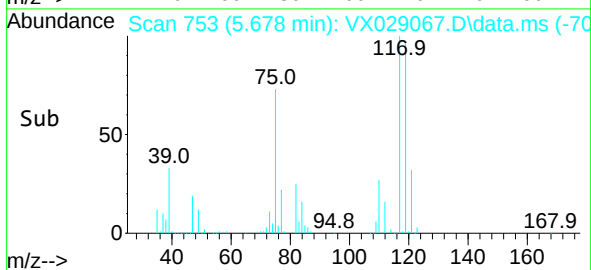
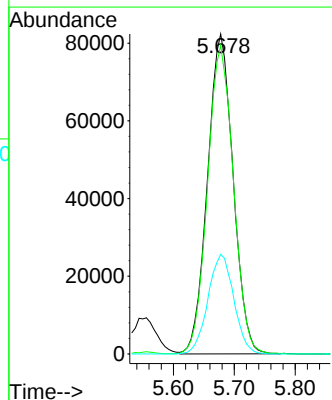
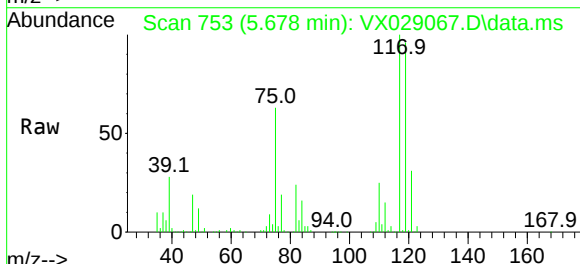
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

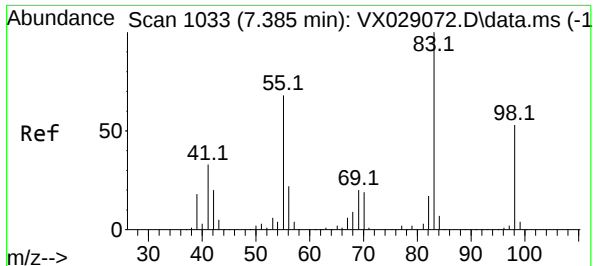
Tgt Ion: 43 Resp: 208983
Ion Ratio Lower Upper
43 100
61 15.6 12.6 19.0
70 13.2 10.2 15.2



#38
Carbon Tetrachloride
Concen: 56.842 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

Tgt Ion: 117 Resp: 240382
Ion Ratio Lower Upper
117 100
119 96.4 77.3 115.9
121 31.2 24.2 36.2





#39

Methylcyclohexane

Concen: 52.361 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX029067.D

Acq: 31 May 2022 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

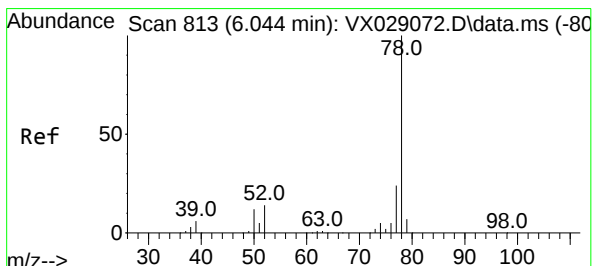
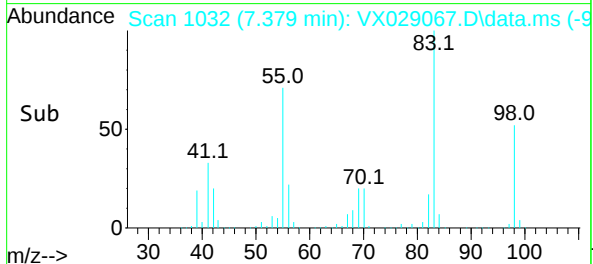
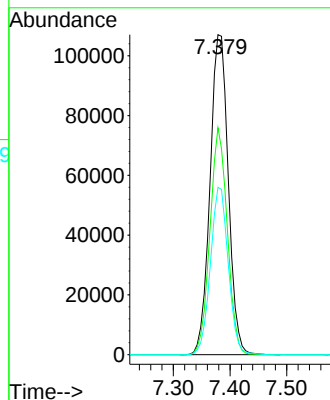
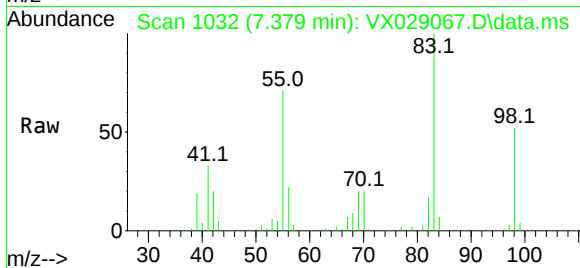
Tgt Ion: 83 Resp: 239519

Ion Ratio Lower Upper

83 100

55 71.0 54.6 81.8

98 52.3 37.4 56.2



#40

Benzene

Concen: 55.110 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.007 min

Lab File: VX029067.D

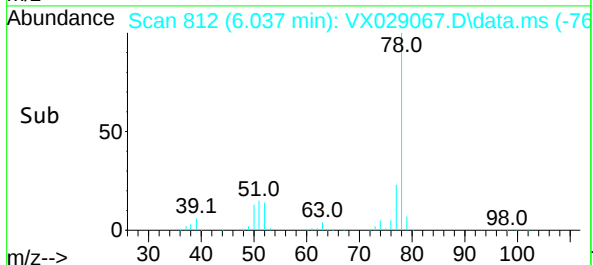
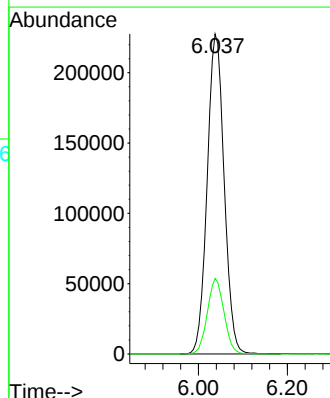
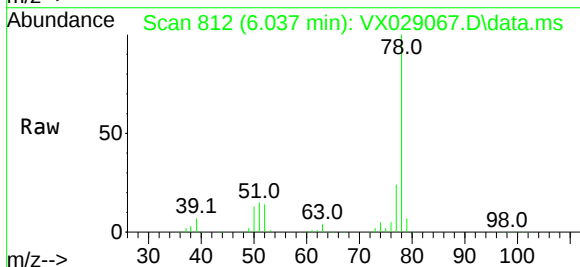
Acq: 31 May 2022 11:18

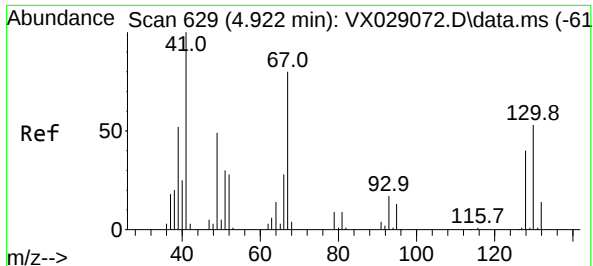
Tgt Ion: 78 Resp: 604001

Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9

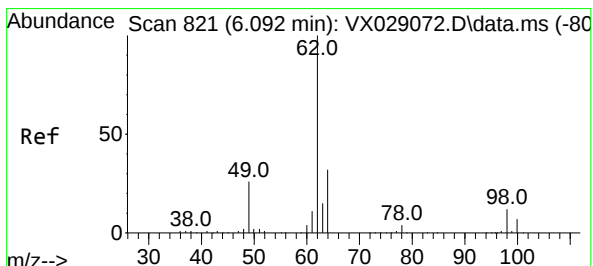
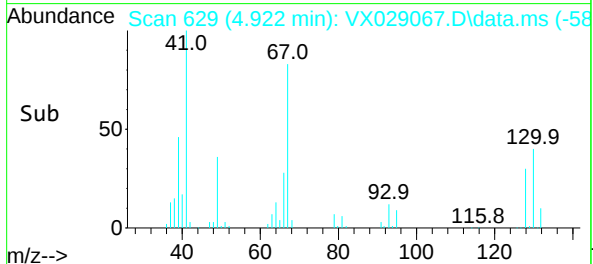
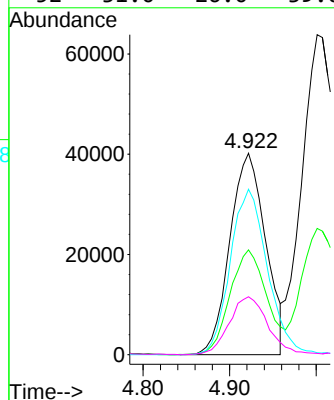
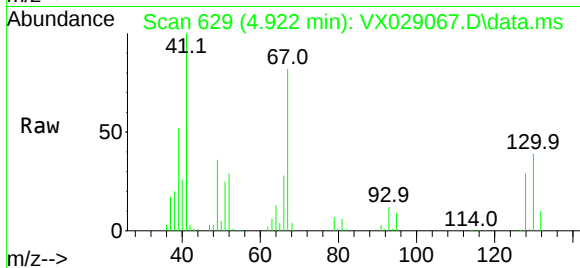




#41
Methacrylonitrile
Concen: 59.529 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

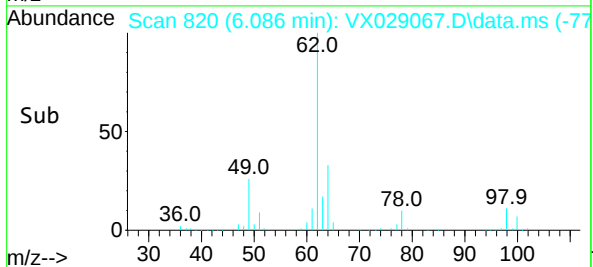
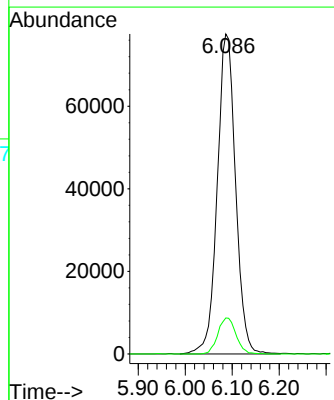
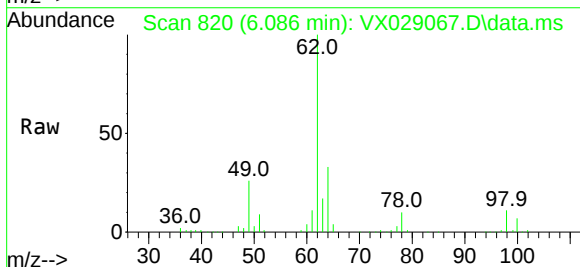
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

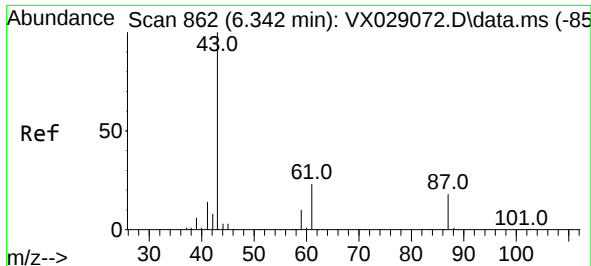
Tgt Ion: 41 Resp: 115310
Ion Ratio Lower Upper
41 100
39 54.3 43.0 64.4
67 85.8 70.2 105.4
52 31.0 26.0 39.0



#42
1,2-Dichloroethane
Concen: 56.469 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

Tgt Ion: 62 Resp: 209879
Ion Ratio Lower Upper
62 100
98 11.2 0.0 20.4

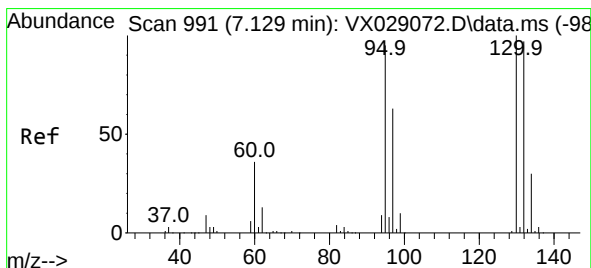
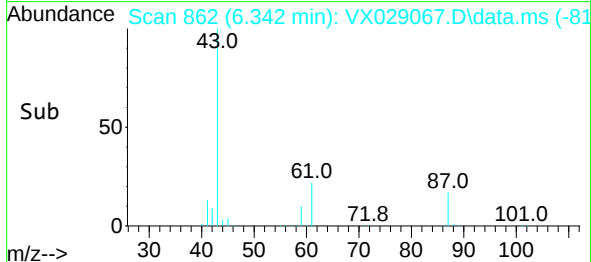
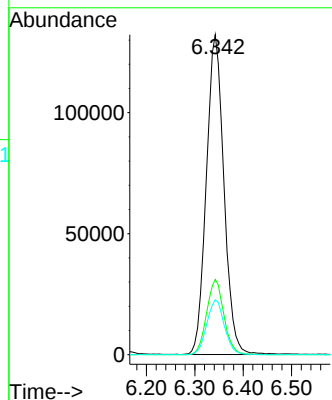
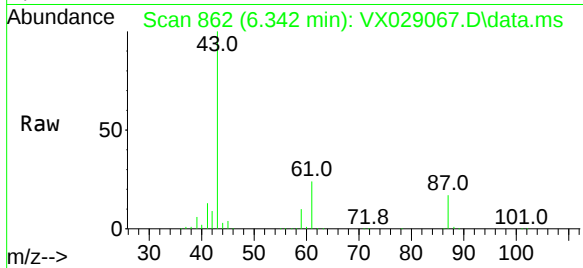




#43
Isopropyl Acetate
Concen: 59.463 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

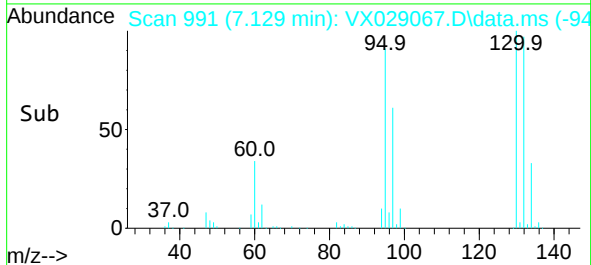
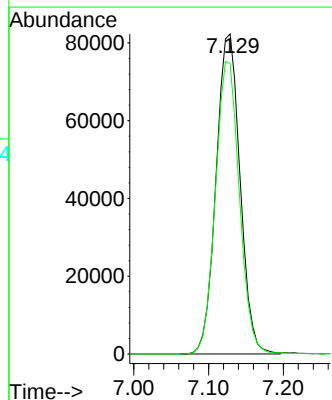
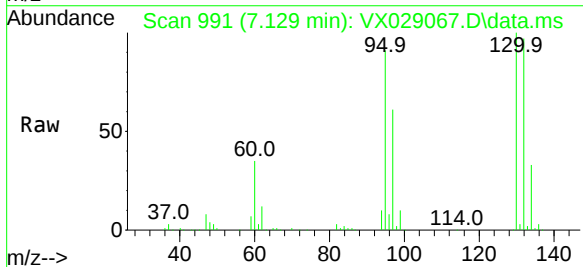
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

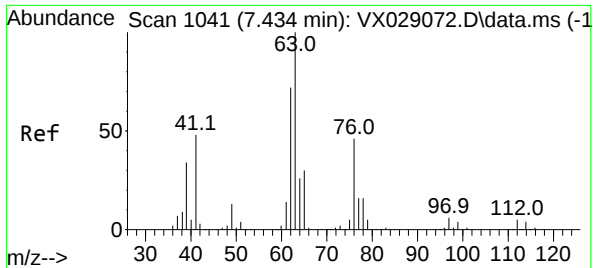
Tgt Ion: 43 Resp: 333619
Ion Ratio Lower Upper
43 100
61 23.1 18.5 27.7
87 17.2 13.0 19.6



#44
Trichloroethene
Concen: 56.585 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

Tgt Ion:130 Resp: 183550
Ion Ratio Lower Upper
130 100
95 90.8 0.0 188.8





#45

1,2-Dichloropropane

Concen: 58.154 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX029067.D

Acq: 31 May 2022 11:18

Instrument :

MSVOA_X

ClientSampleId :

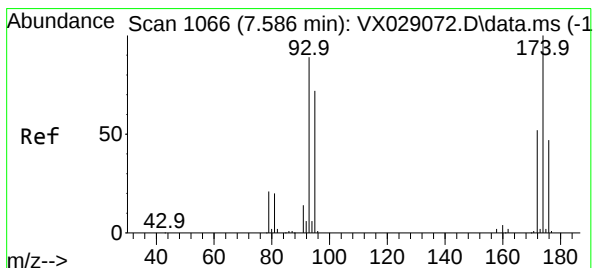
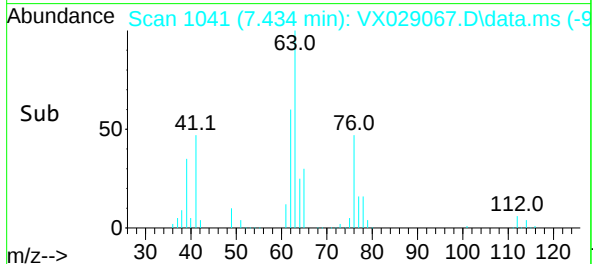
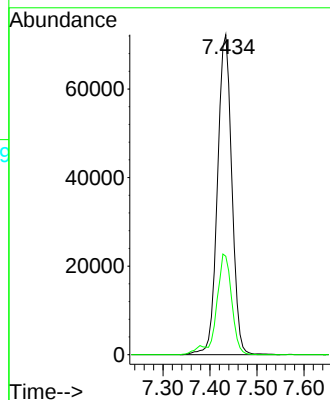
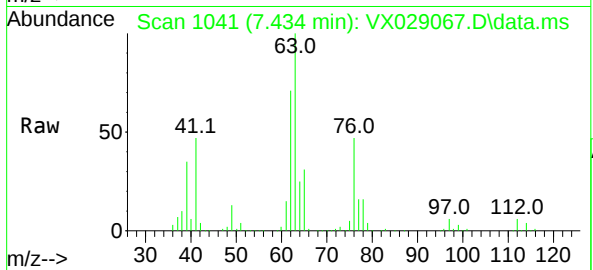
VSTDCCC050

Tgt Ion: 63 Resp: 153597

Ion Ratio Lower Upper

63 100

65 30.8 25.8 38.6



#46

Dibromomethane

Concen: 56.686 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX029067.D

Acq: 31 May 2022 11:18

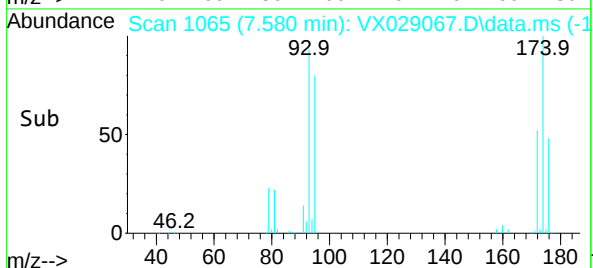
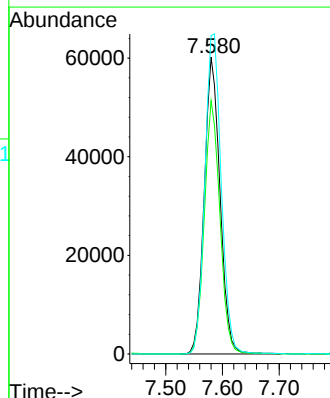
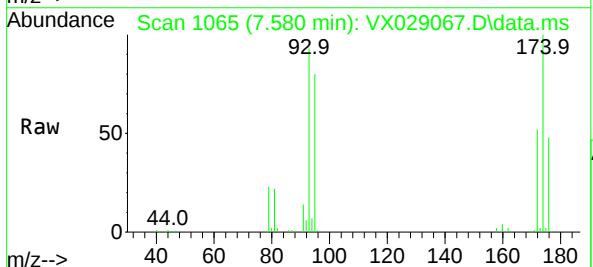
Tgt Ion: 93 Resp: 116634

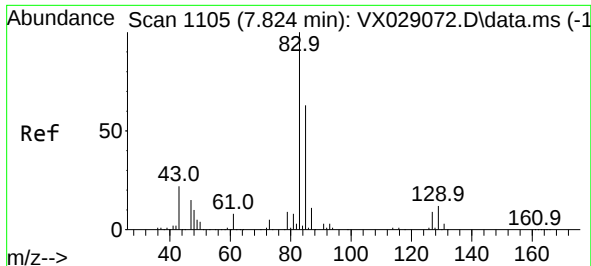
Ion Ratio Lower Upper

93 100

95 84.0 65.8 98.6

174 111.9 85.4 128.2

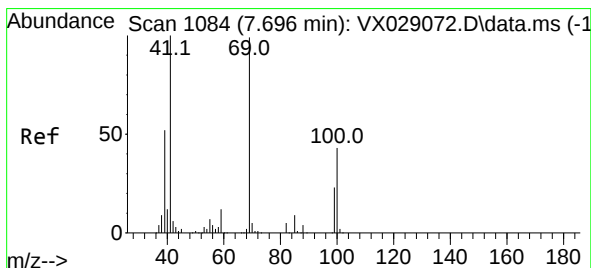
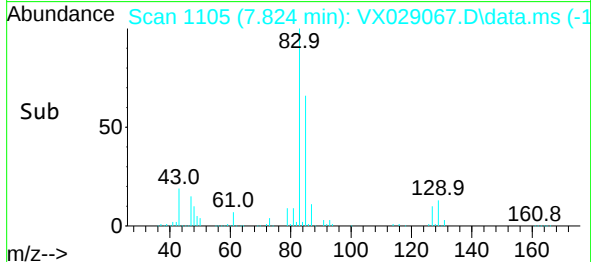
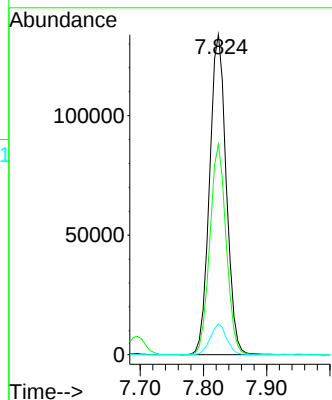
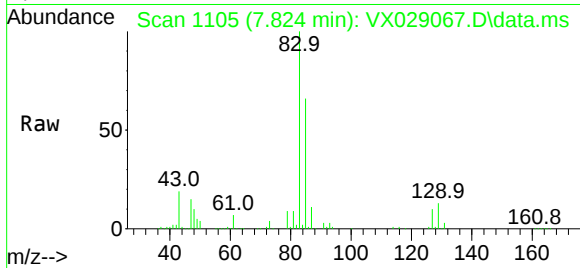




#47
Bromodichloromethane
Concen: 60.459 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

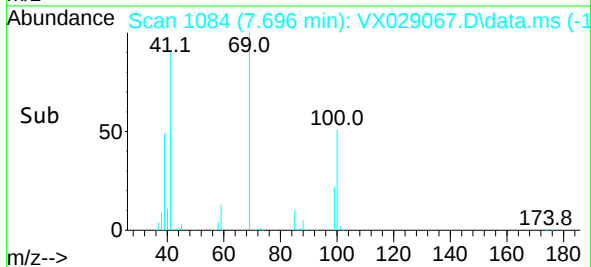
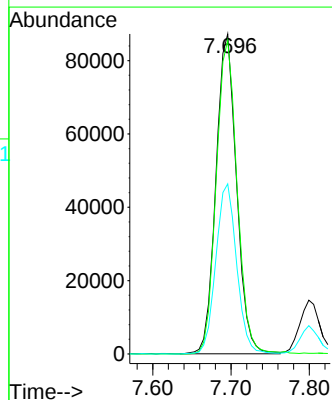
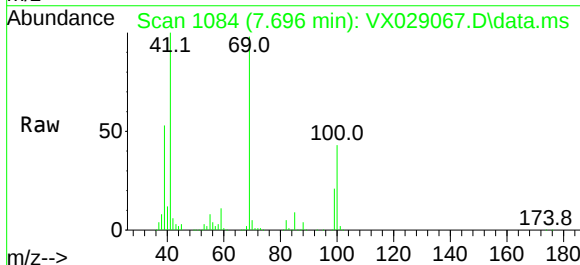
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

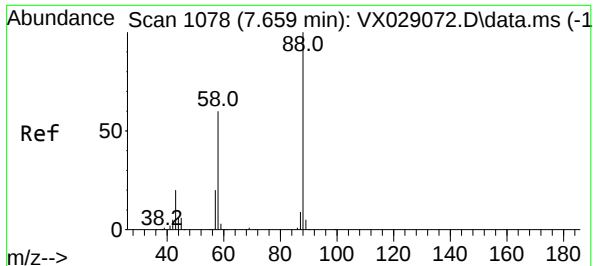
Tgt Ion: 83 Resp: 245231
Ion Ratio Lower Upper
83 100
85 65.7 52.2 78.2
127 9.6 6.8 10.2



#48
Methyl methacrylate
Concen: 58.437 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

Tgt Ion: 41 Resp: 159481
Ion Ratio Lower Upper
41 100
69 99.5 82.5 123.7
39 53.8 43.8 65.8





#49

1,4-Dioxane

Concen: 1017.762 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX029067.D

Acq: 31 May 2022 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

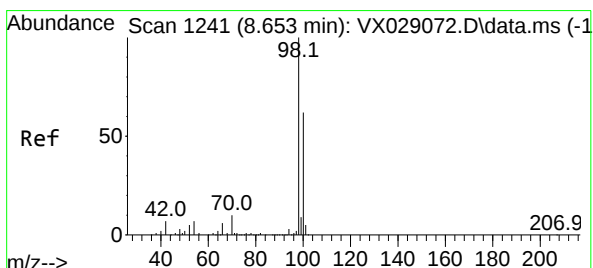
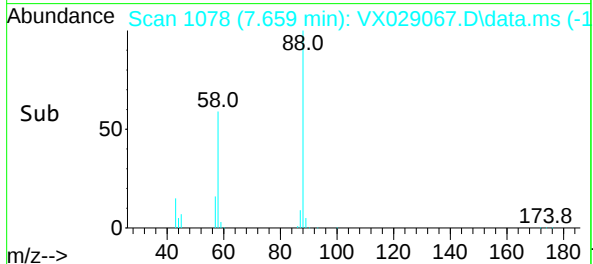
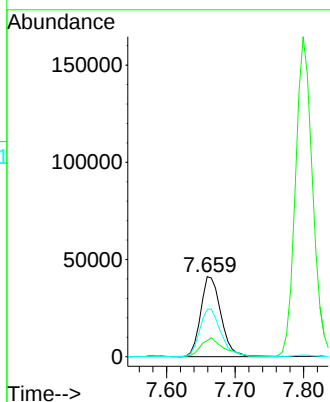
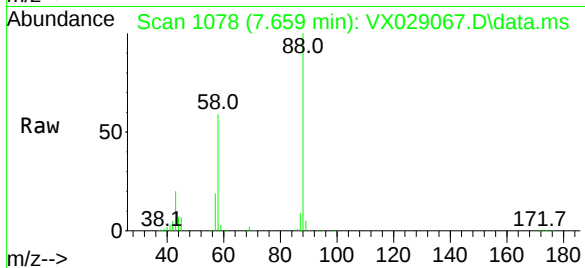
Tgt Ion: 88 Resp: 84994

Ion Ratio Lower Upper

88 100

43 26.8 21.9 32.9

58 62.4 53.7 80.5



#50

Toluene-d8

Concen: 46.394 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX029067.D

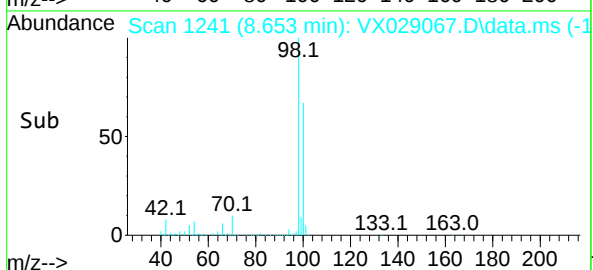
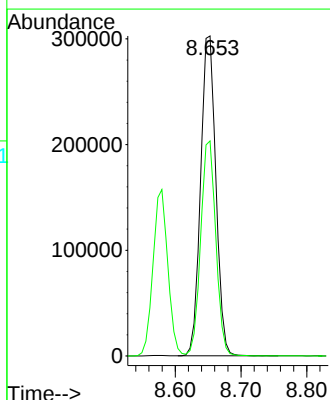
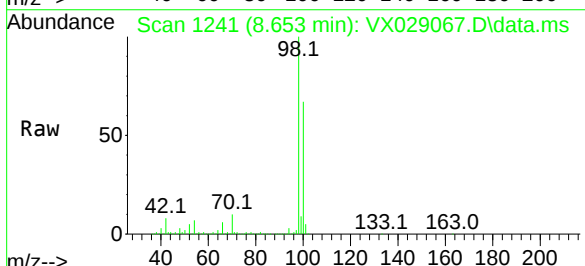
Acq: 31 May 2022 11:18

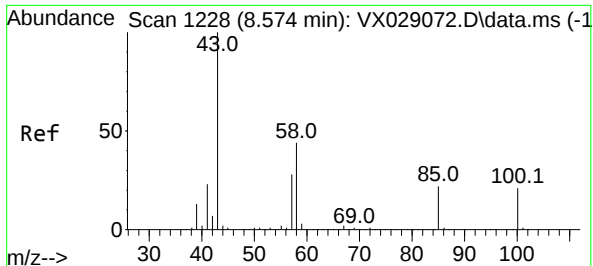
Tgt Ion: 98 Resp: 487985

Ion Ratio Lower Upper

98 100

100 66.7 52.6 78.8

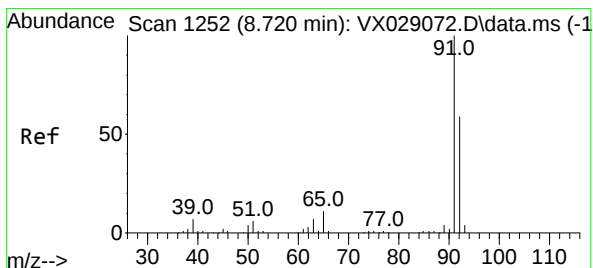
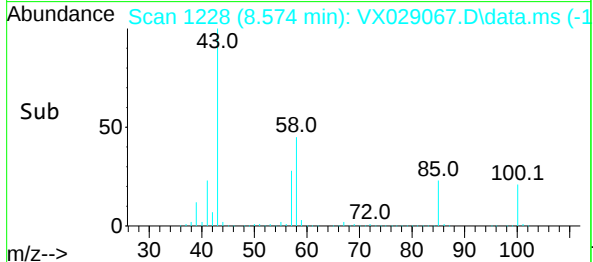
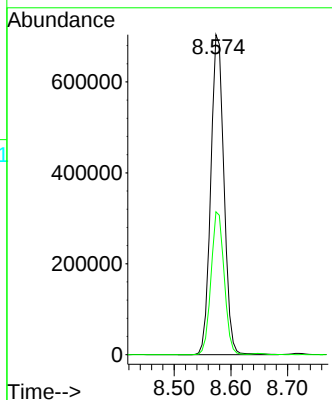
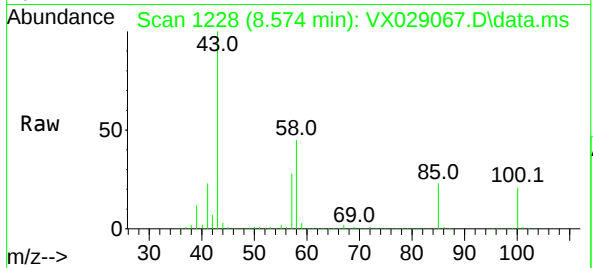




#51
4-Methyl-2-Pentanone
Concen: 304.165 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

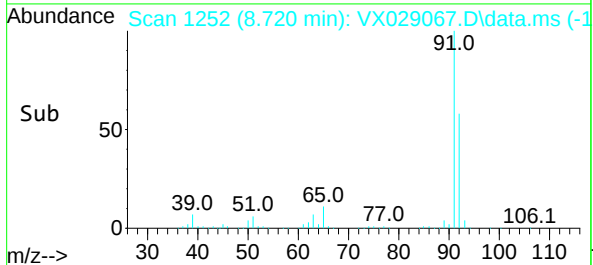
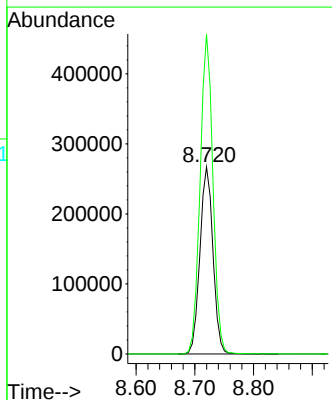
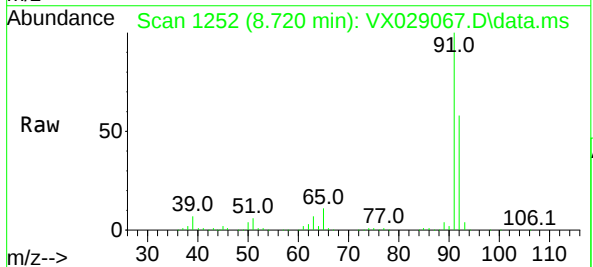
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

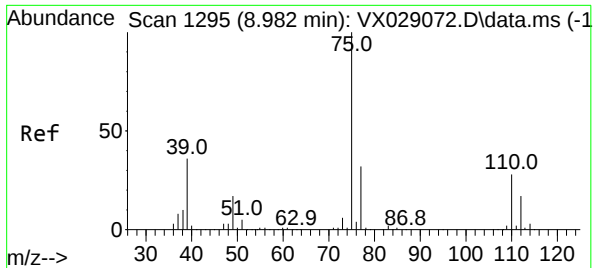
Tgt Ion: 43 Resp: 1135037
Ion Ratio Lower Upper
43 100
58 44.6 36.1 54.1



#52
Toluene
Concen: 56.190 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

Tgt Ion: 92 Resp: 411375
Ion Ratio Lower Upper
92 100
91 168.0 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 61.283 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX029067.D

Acq: 31 May 2022 11:18

Instrument :

MSVOA_X

ClientSampleId :

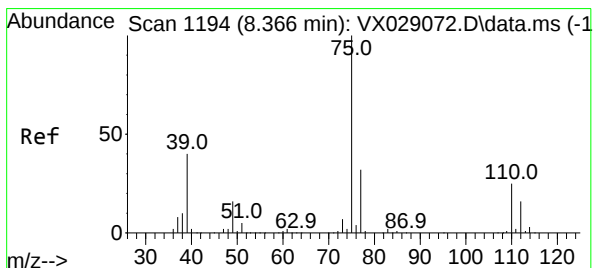
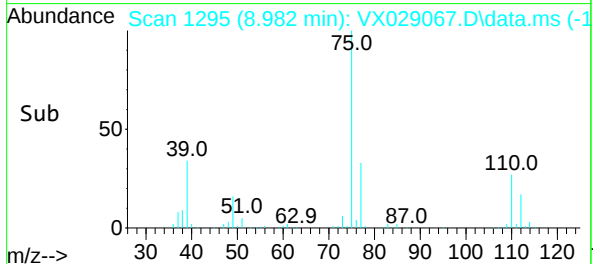
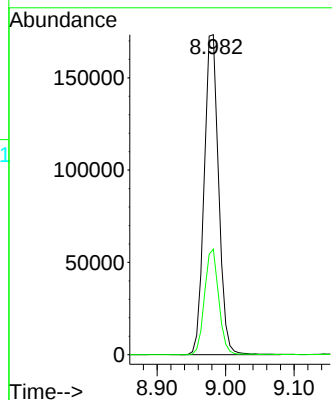
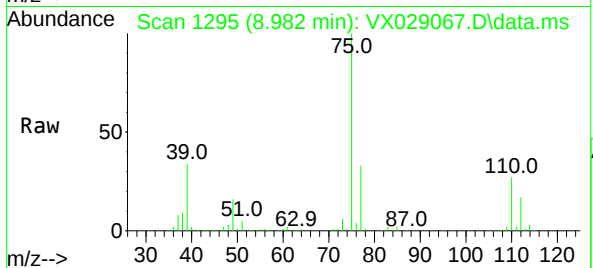
VSTDCCC050

Tgt Ion: 75 Resp: 255472

Ion Ratio Lower Upper

75 100

77 33.0 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 59.771 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX029067.D

Acq: 31 May 2022 11:18

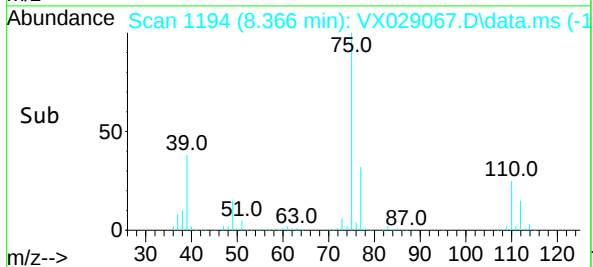
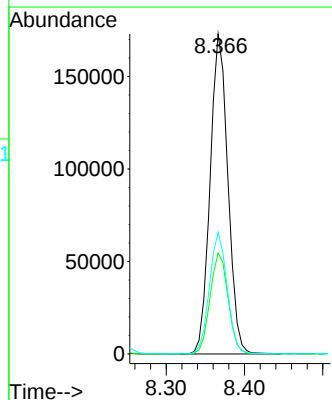
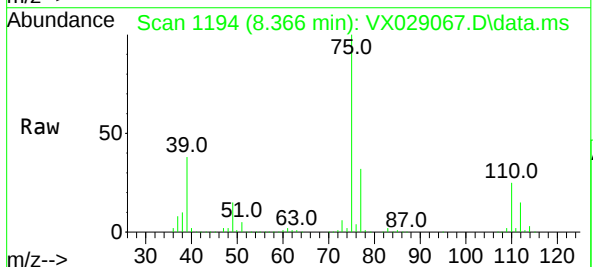
Tgt Ion: 75 Resp: 272626

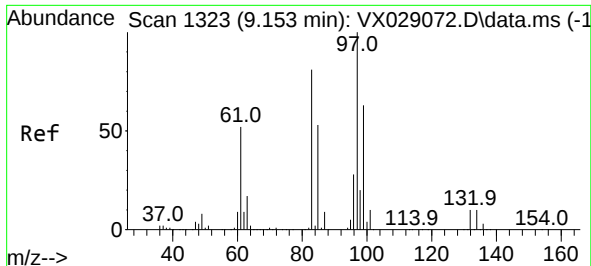
Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2

39 37.9 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 59.406 ug/l

RT: 9.153 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX029067.D

Acq: 31 May 2022 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 180971

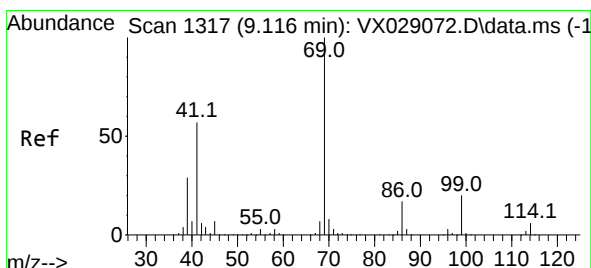
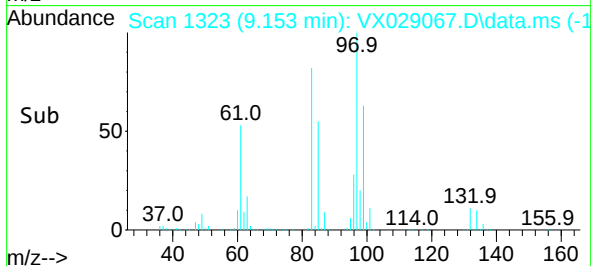
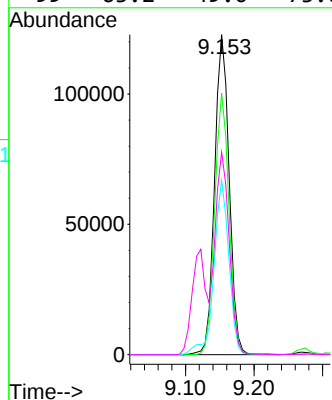
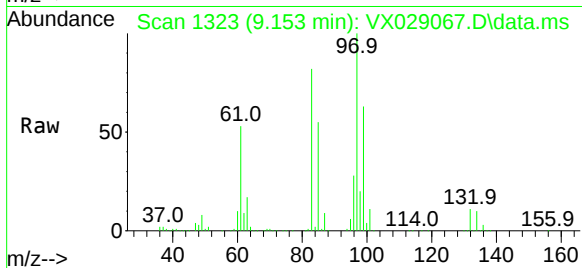
Ion Ratio Lower Upper

97 100

83 81.7 66.2 99.4

85 54.5 42.9 64.3

99 63.2 49.0 73.6



#56

Ethyl methacrylate

Concen: 61.921 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX029067.D

Acq: 31 May 2022 11:18

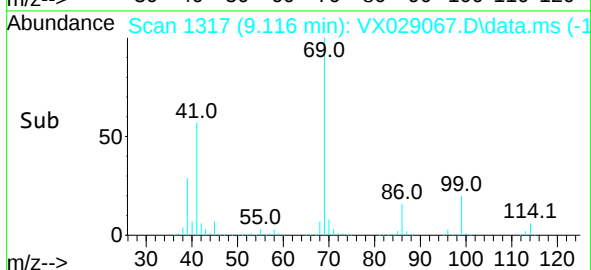
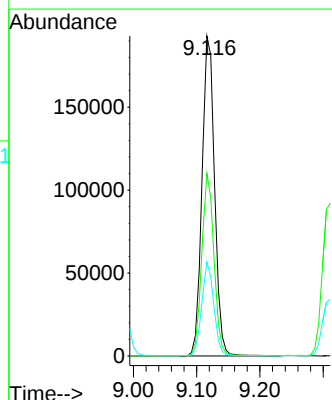
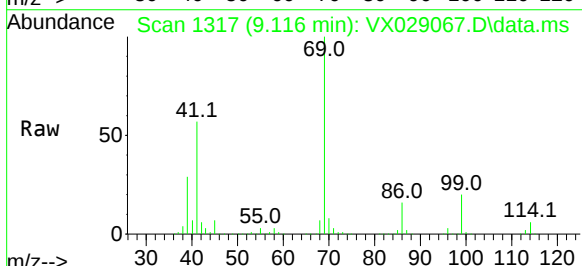
Tgt Ion: 69 Resp: 267754

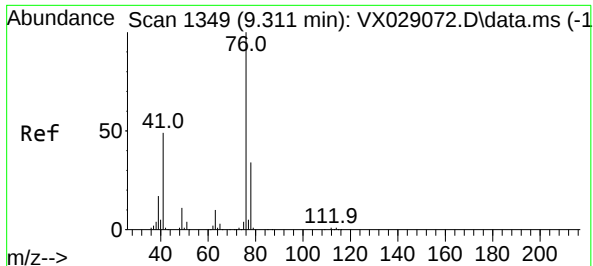
Ion Ratio Lower Upper

69 100

41 55.4 43.8 65.6

39 28.1 22.2 33.2





#57

1,3-Dichloropropane

Concen: 58.399 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029067.D

Acq: 31 May 2022 11:18

Instrument :

MSVOA_X

ClientSampleId :

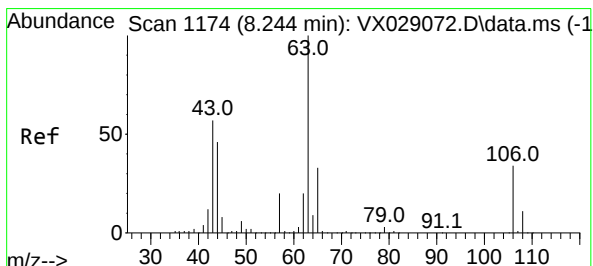
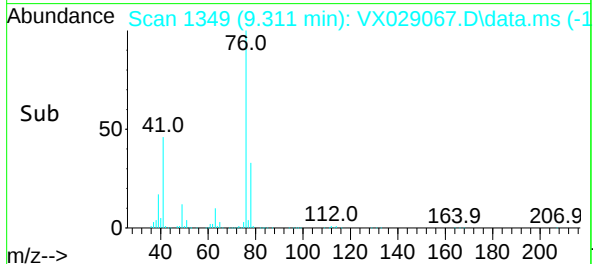
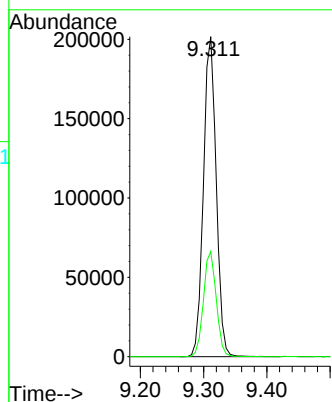
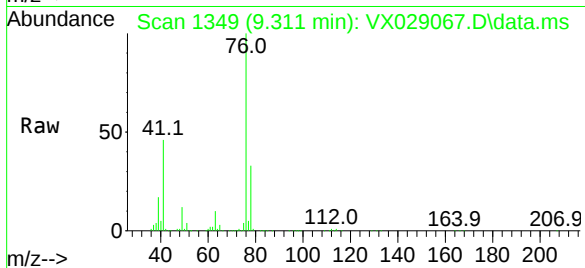
VSTDCCC050

Tgt Ion: 76 Resp: 283567

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 260.926 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX029067.D

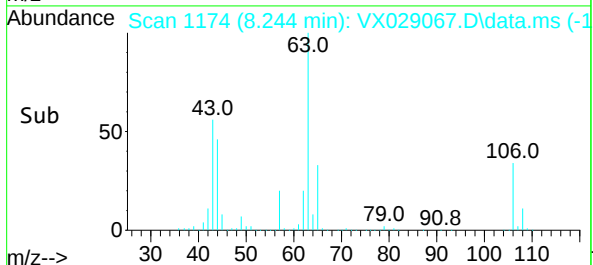
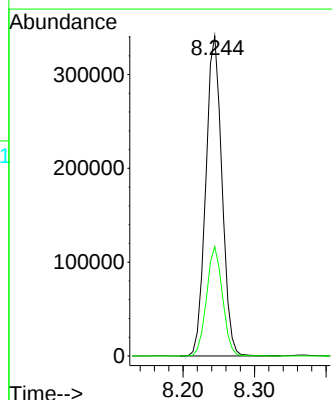
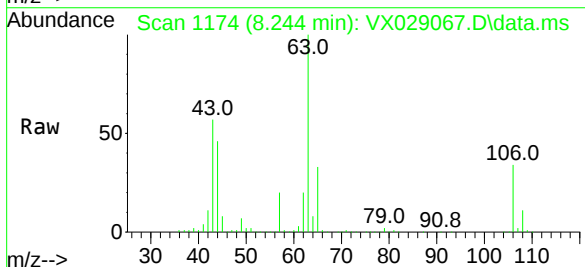
Acq: 31 May 2022 11:18

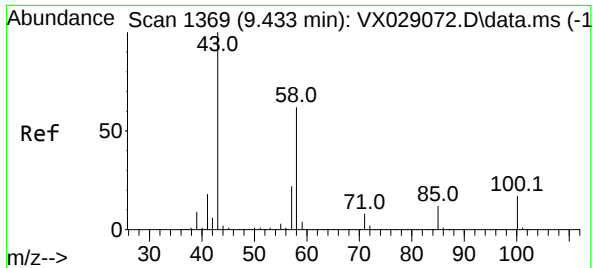
Tgt Ion: 63 Resp: 534662

Ion Ratio Lower Upper

63 100

106 33.8 23.9 35.9





#59

2-Hexanone

Concen: 309.381 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX029067.D

Acq: 31 May 2022 11:18

Instrument :

MSVOA_X

ClientSampleId :

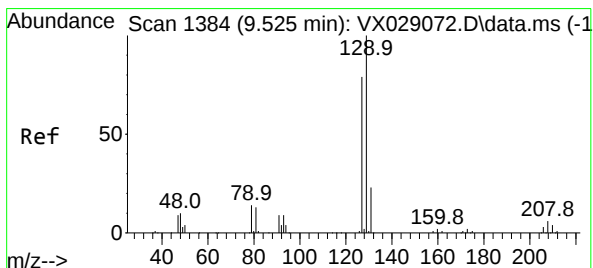
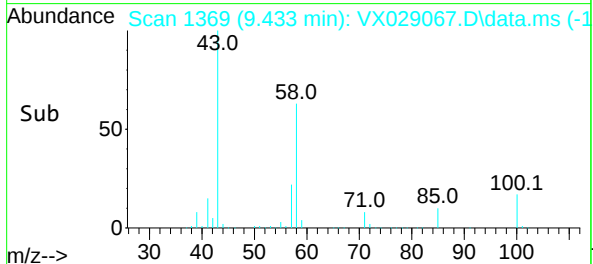
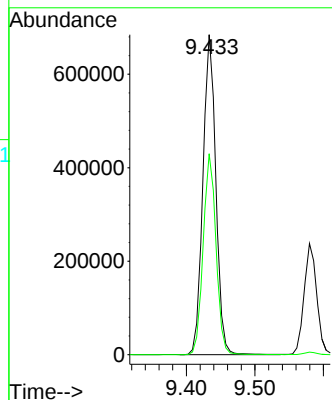
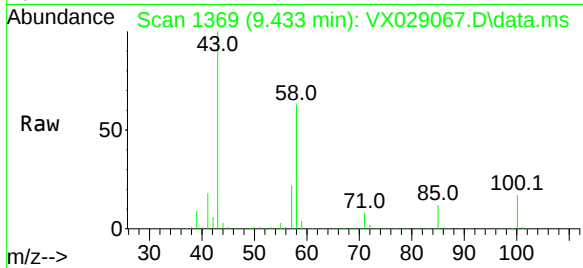
VSTDCCC050

Tgt Ion: 43 Resp: 898476

Ion Ratio Lower Upper

43 100

58 62.6 31.9 95.7



#60

Dibromochloromethane

Concen: 61.716 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX029067.D

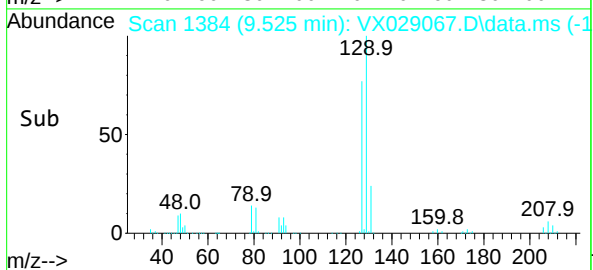
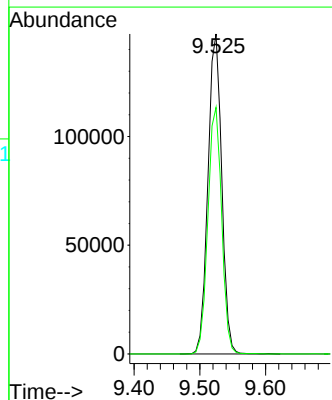
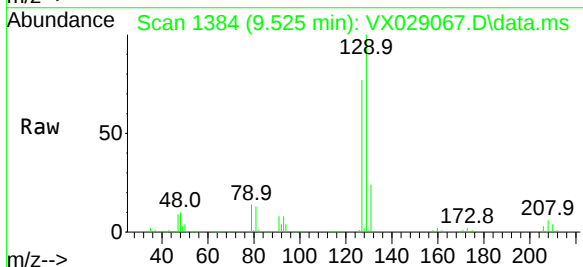
Acq: 31 May 2022 11:18

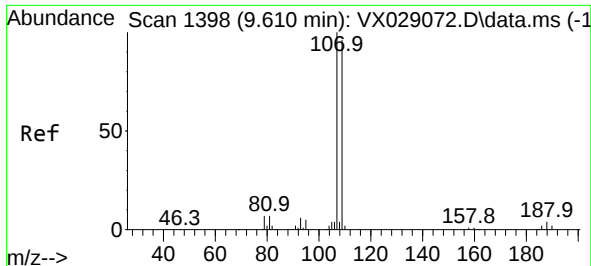
Tgt Ion: 129 Resp: 213976

Ion Ratio Lower Upper

129 100

127 77.1 40.3 120.8

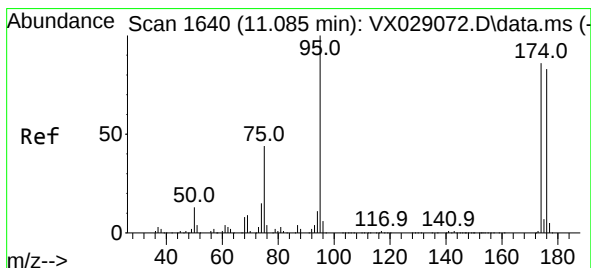
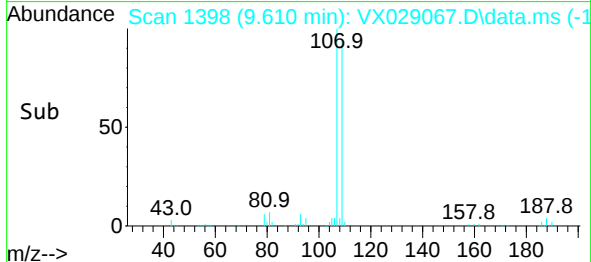
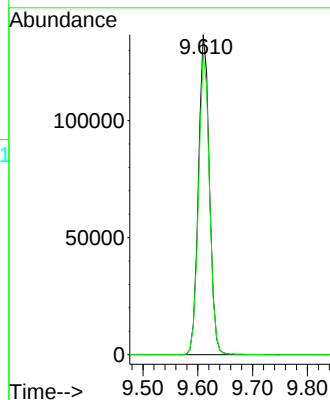
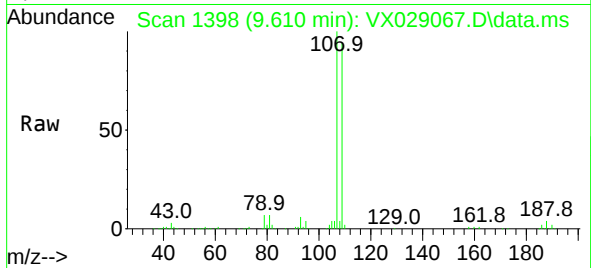




#61
1,2-Dibromoethane
Concen: 57.838 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

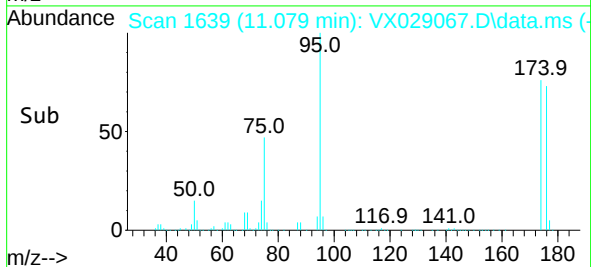
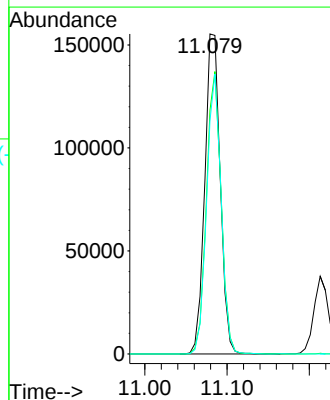
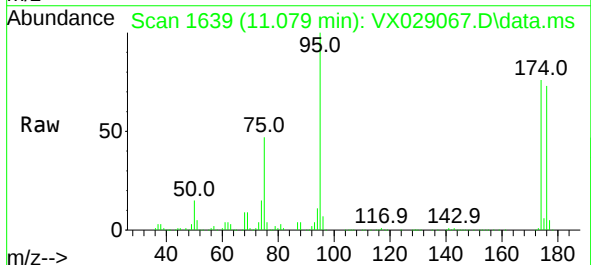
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

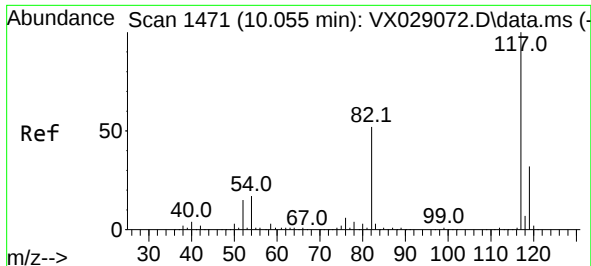
Tgt Ion:107 Resp: 190566
Ion Ratio Lower Upper
107 100
109 94.6 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 49.912 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

Tgt Ion: 95 Resp: 202935
Ion Ratio Lower Upper
95 100
174 83.9 0.0 163.0
176 81.9 0.0 155.0

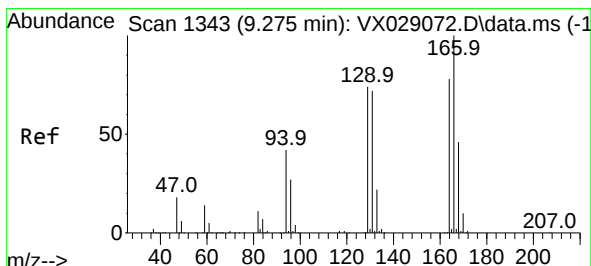
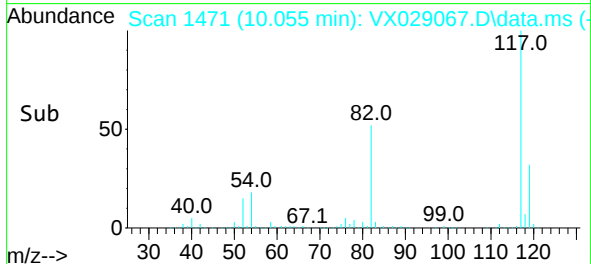
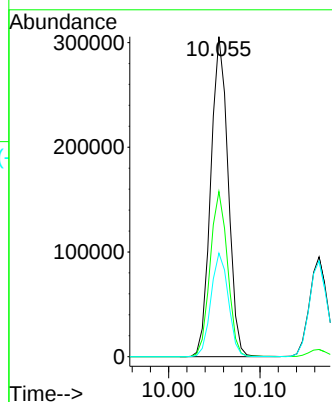
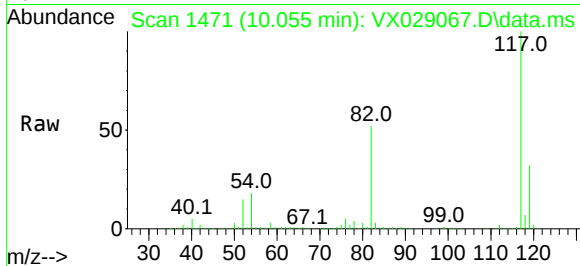




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

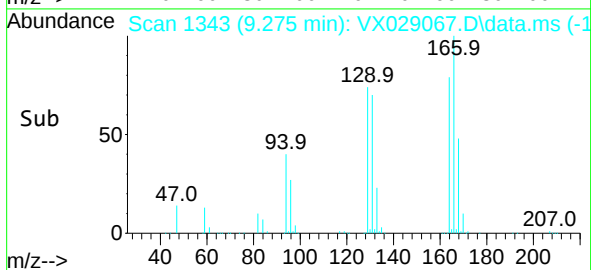
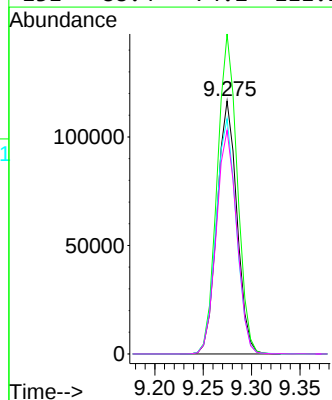
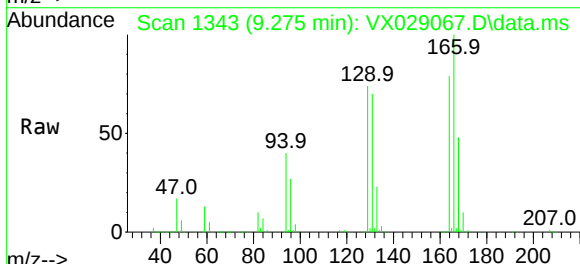
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

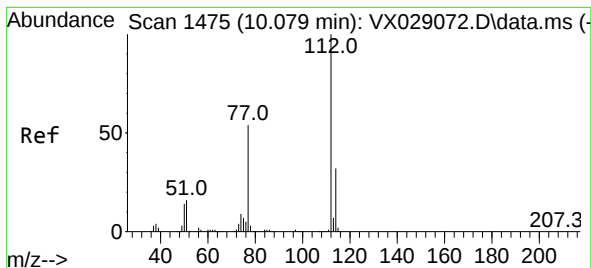
Tgt Ion:117 Resp: 402856
Ion Ratio Lower Upper
117 100
82 51.6 41.8 62.8
119 32.3 24.8 37.2



#64
Tetrachloroethene
Concen: 54.955 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

Tgt Ion:164 Resp: 166695
Ion Ratio Lower Upper
164 100
166 126.5 101.2 151.8
129 93.0 73.0 109.4
131 88.4 74.2 111.2

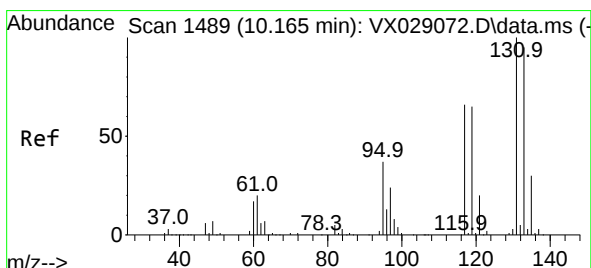
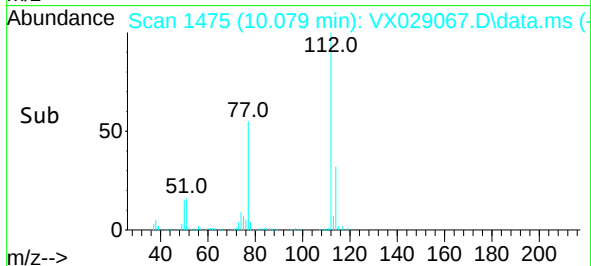
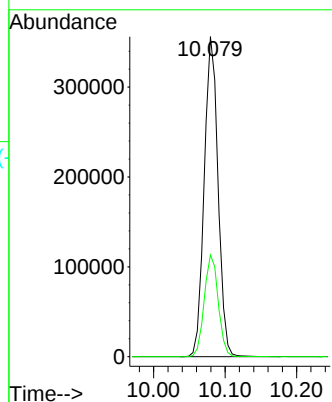
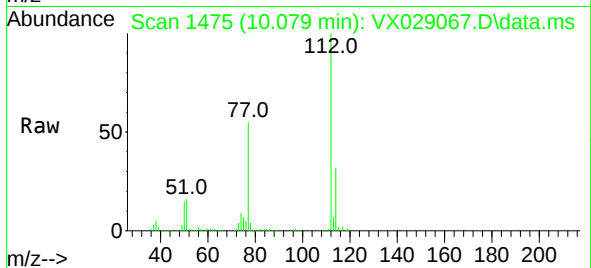




#65
Chlorobenzene
Concen: 57.739 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

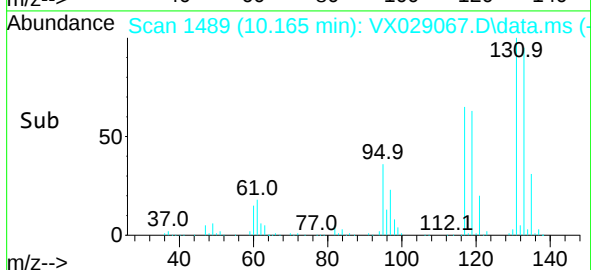
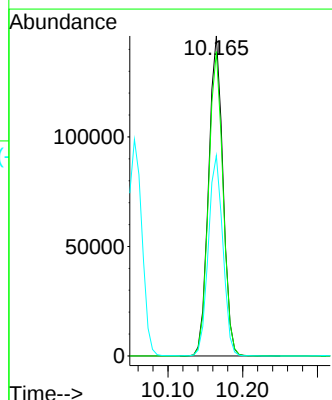
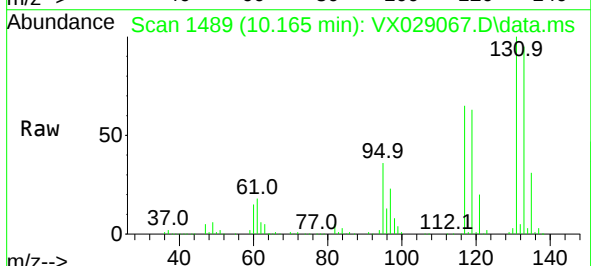
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

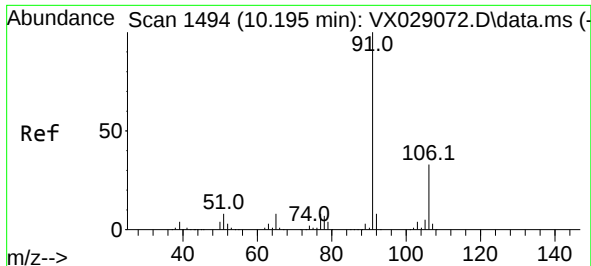
Tgt Ion:112 Resp: 477846
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 61.096 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

Tgt Ion:131 Resp: 194907
Ion Ratio Lower Upper
131 100
133 95.1 48.3 144.8
119 63.4 32.6 98.0





#67

Ethyl Benzene

Concen: 58.535 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX029067.D

Acq: 31 May 2022 11:18

Instrument :

MSVOA_X

ClientSampleId :

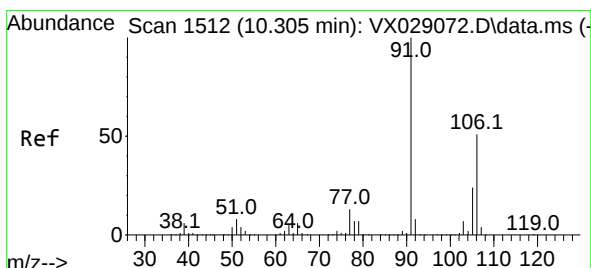
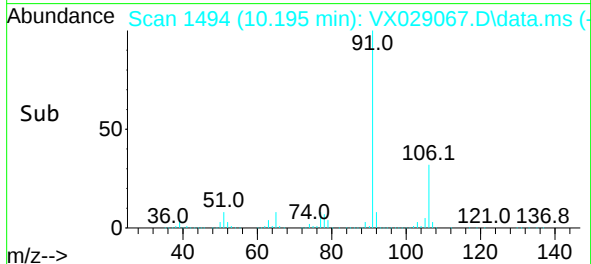
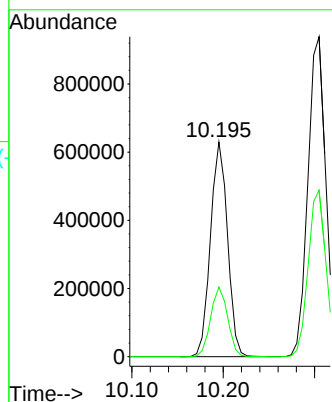
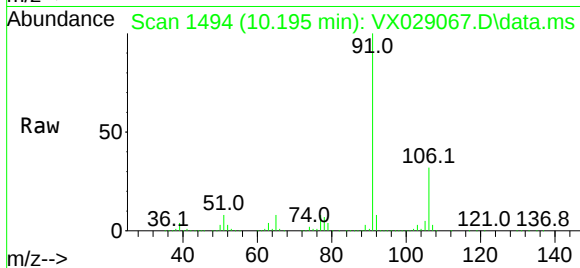
VSTDCCC050

Tgt Ion: 91 Resp: 813962

Ion Ratio Lower Upper

91 100

106 32.4 24.6 36.8



#68

m/p-Xylenes

Concen: 118.265 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX029067.D

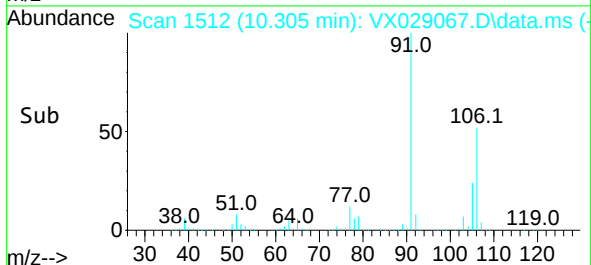
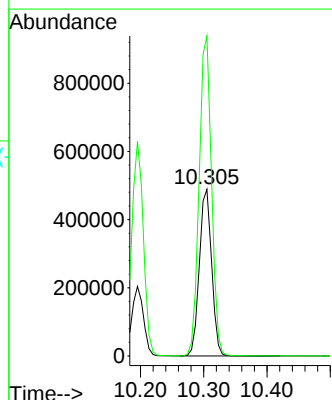
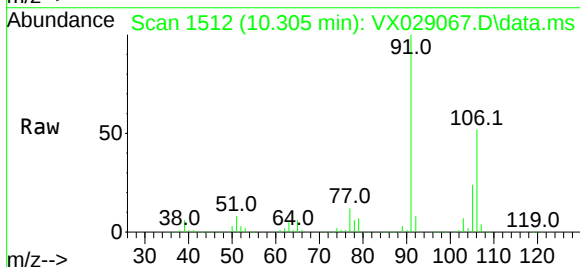
Acq: 31 May 2022 11:18

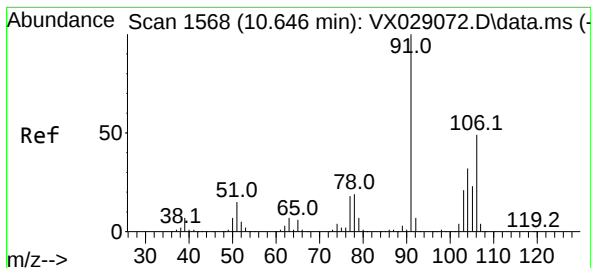
Tgt Ion: 106 Resp: 660450

Ion Ratio Lower Upper

106 100

91 193.7 160.4 240.6





#69

o-Xylene

Concen: 60.221 ug/l

RT: 10.646 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029067.D

Acq: 31 May 2022 11:18

Instrument :

MSVOA_X

ClientSampleId :

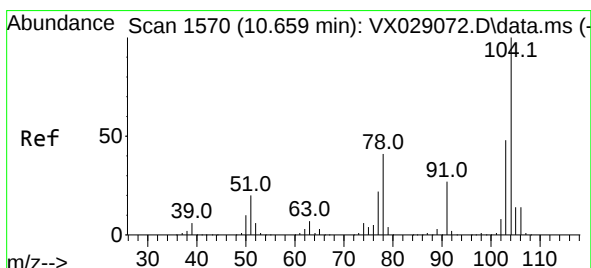
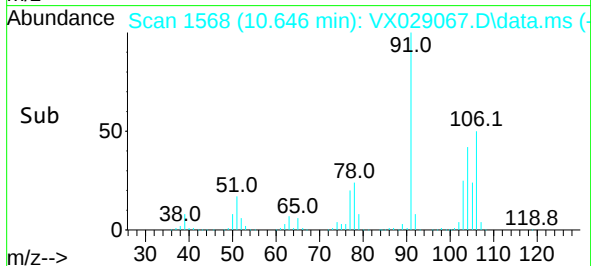
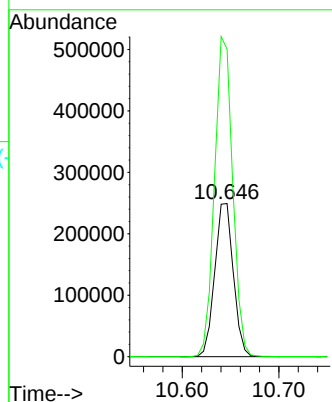
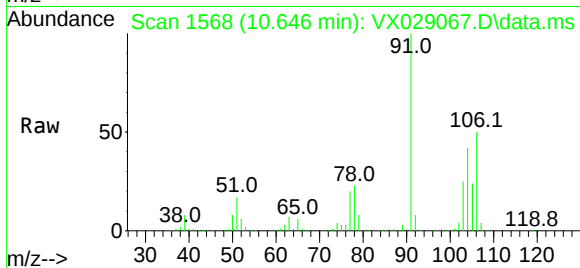
VSTDCCC050

Tgt Ion:106 Resp: 332368

Ion Ratio Lower Upper

106 100

91 204.2 106.1 318.1



#70

Styrene

Concen: 61.529 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX029067.D

Acq: 31 May 2022 11:18

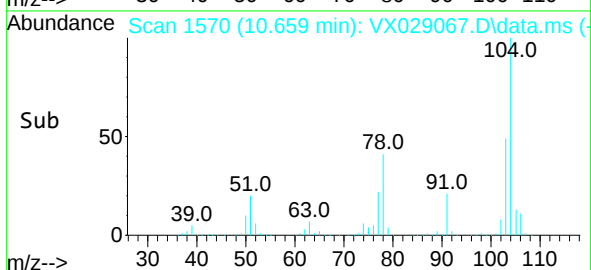
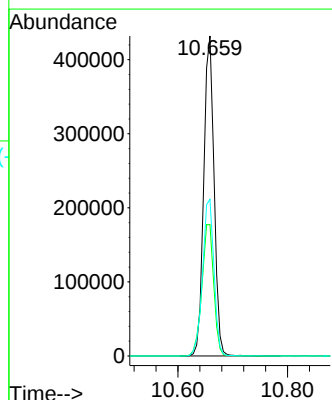
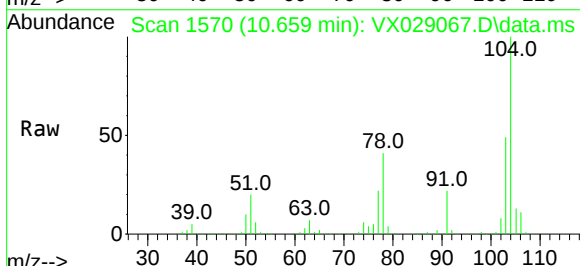
Tgt Ion:104 Resp: 565163

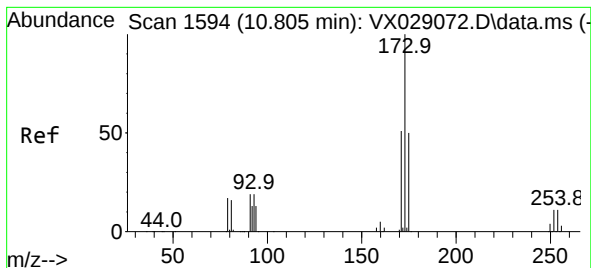
Ion Ratio Lower Upper

104 100

78 47.1 38.6 57.8

103 54.3 43.8 65.8





#71

Bromoform

Concen: 65.374 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.006 min

Lab File: VX029067.D

Acq: 31 May 2022 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

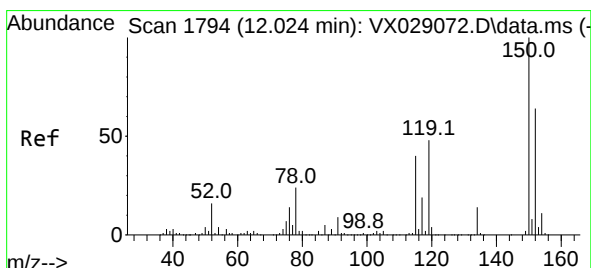
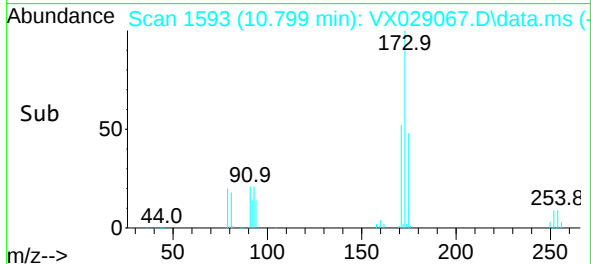
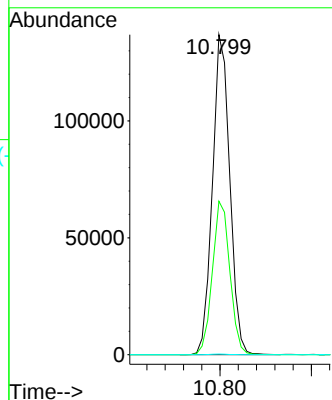
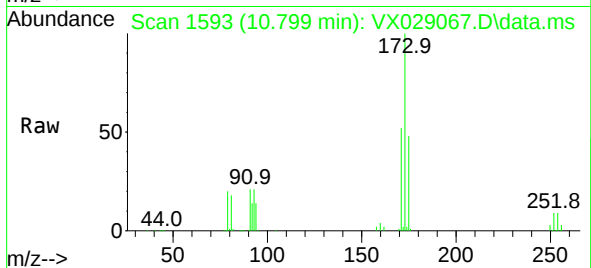
Tgt Ion:173 Resp: 180054

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.2

254 0.2 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: VX029067.D

Acq: 31 May 2022 11:18

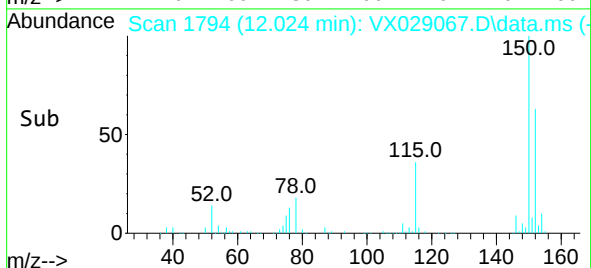
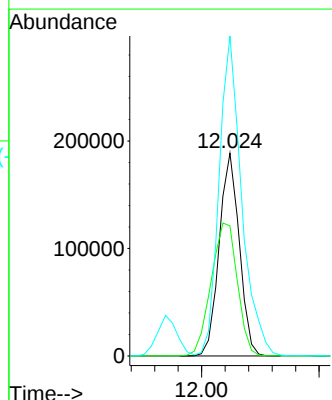
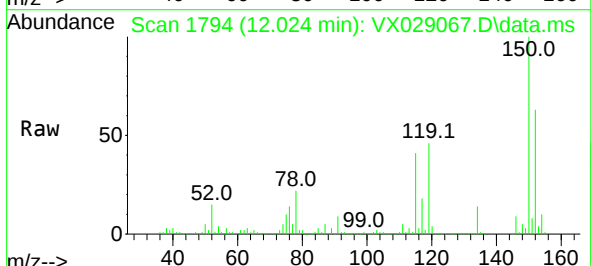
Tgt Ion:152 Resp: 224530

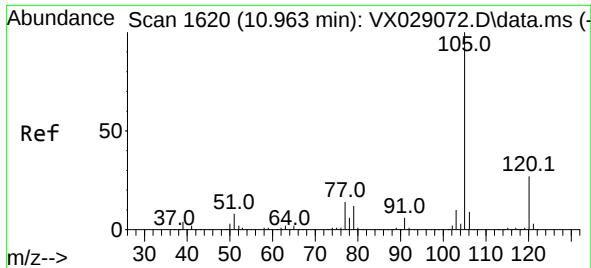
Ion Ratio Lower Upper

152 100

115 85.7 37.5 112.7

150 177.1 0.0 338.2

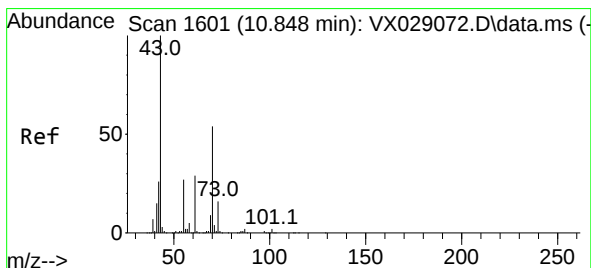
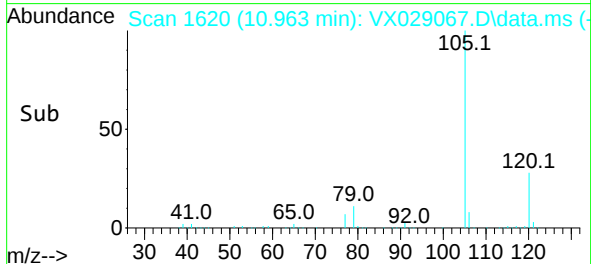
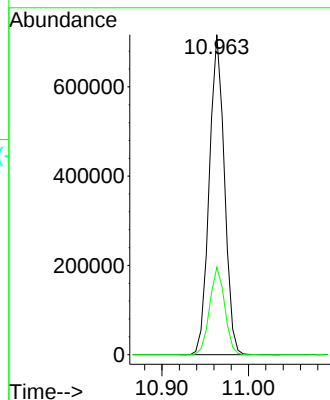
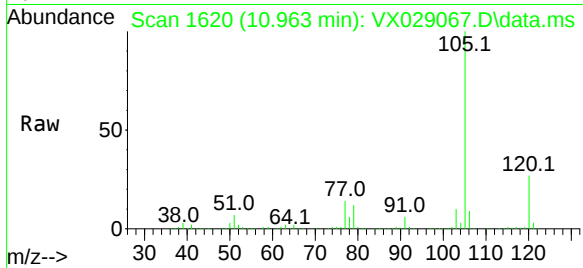




#73
Isopropylbenzene
Concen: 57.568 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

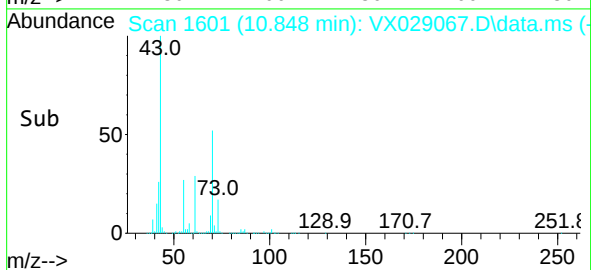
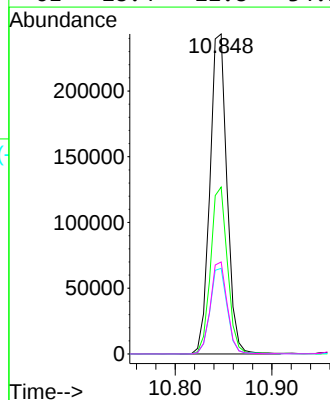
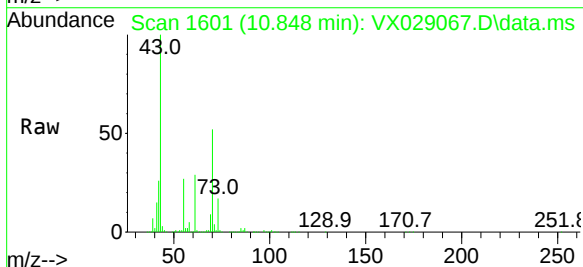
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

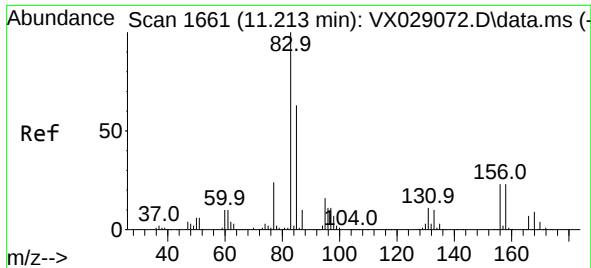
Tgt Ion:105 Resp: 868623
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.5



#74
N-ethyl acetate
Concen: 61.165 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

Tgt Ion: 43 Resp: 298836
Ion Ratio Lower Upper
43 100
70 51.7 42.5 63.7
55 27.1 23.1 34.7
61 28.4 22.8 34.2

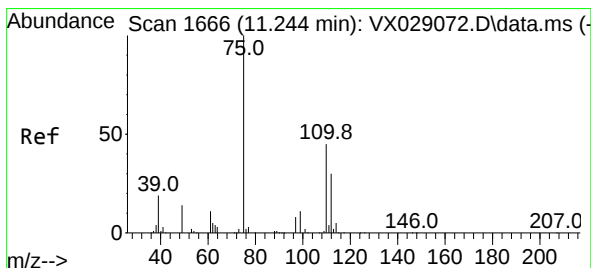
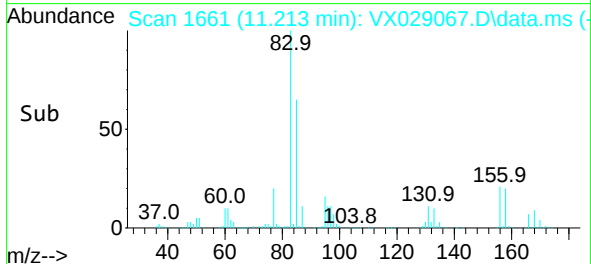
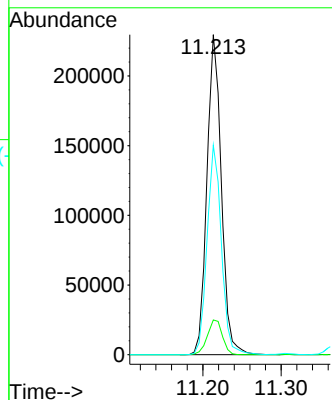
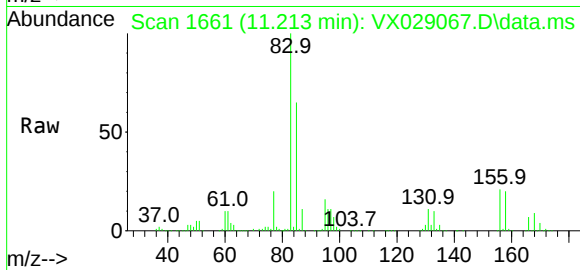




#75
 1,1,2,2-Tetrachloroethane
 Concen: 57.513 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX029067.D
 Acq: 31 May 2022 11:18

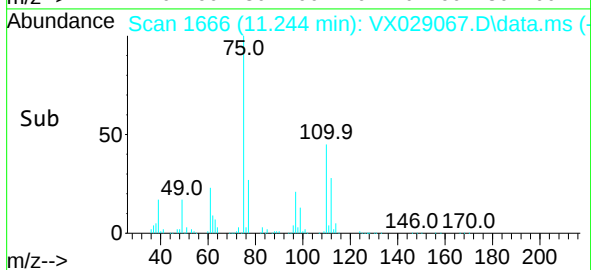
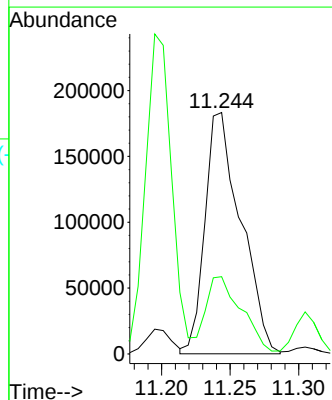
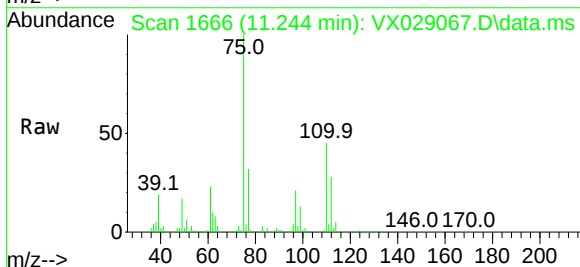
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

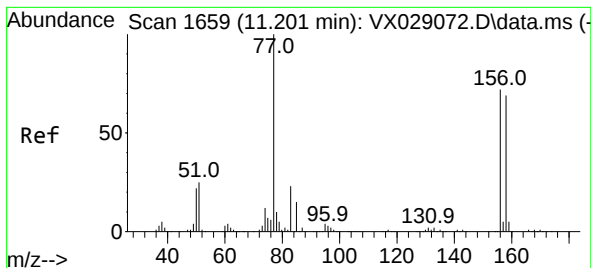
Tgt Ion: 83 Resp: 292542
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.1 15.3
 85 65.2 32.6 97.7



#76
 1,2,3-Trichloropropane
 Concen: 73.528 ug/l
 RT: 11.244 min Scan# 1666
 Delta R.T. -0.000 min
 Lab File: VX029067.D
 Acq: 31 May 2022 11:18

Tgt Ion: 75 Resp: 334671
 Ion Ratio Lower Upper
 75 100
 77 32.7 19.4 58.2





#77

Bromobenzene

Concen: 56.829 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX029067.D

Acq: 31 May 2022 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

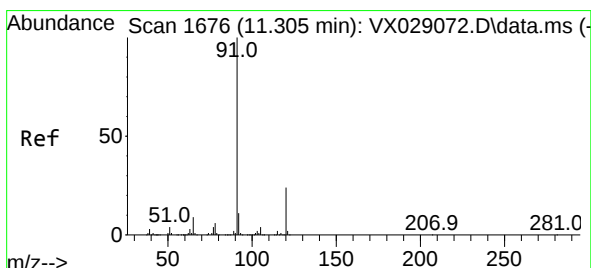
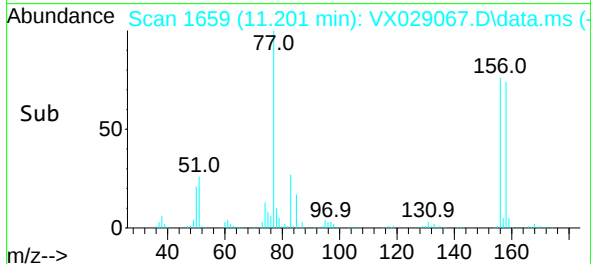
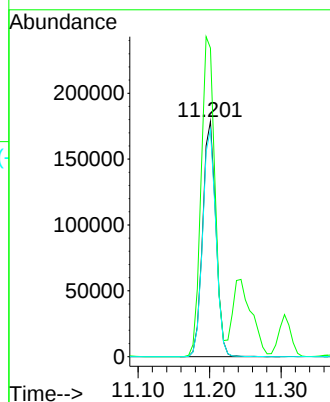
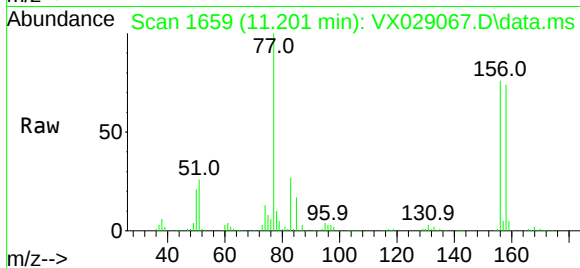
Tgt Ion:156 Resp: 228697

Ion Ratio Lower Upper

156 100

77 141.1 78.5 235.3

158 97.0 50.2 150.7



#78

n-propylbenzene

Concen: 58.775 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX029067.D

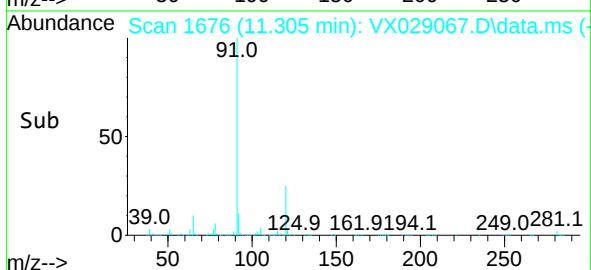
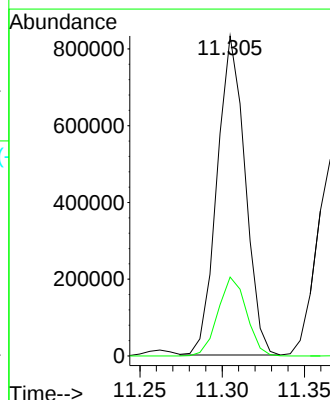
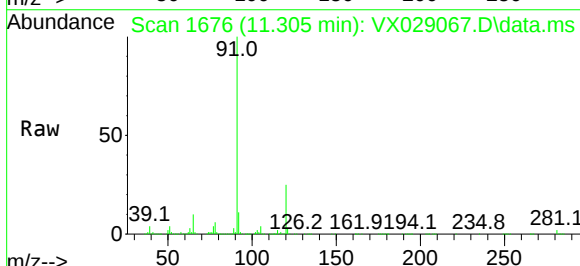
Acq: 31 May 2022 11:18

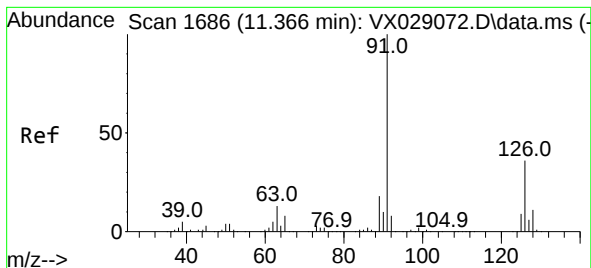
Tgt Ion: 91 Resp: 986339

Ion Ratio Lower Upper

91 100

120 25.1 11.6 34.8





#79

2-Chlorotoluene

Concen: 57.880 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX029067.D

Acq: 31 May 2022 11:18

Instrument :

MSVOA_X

ClientSampleId :

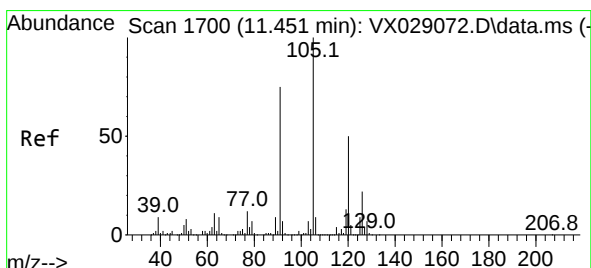
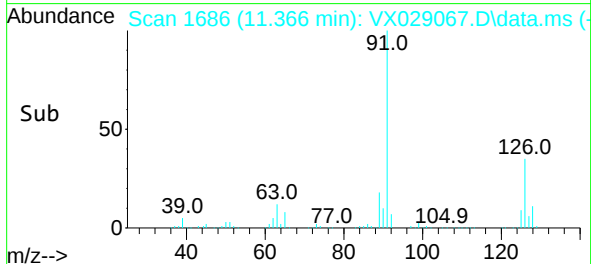
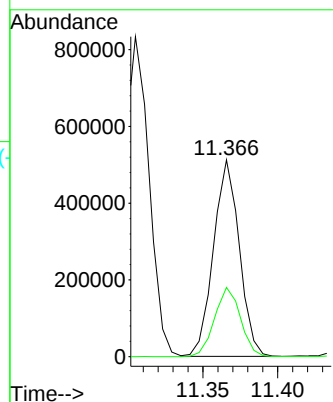
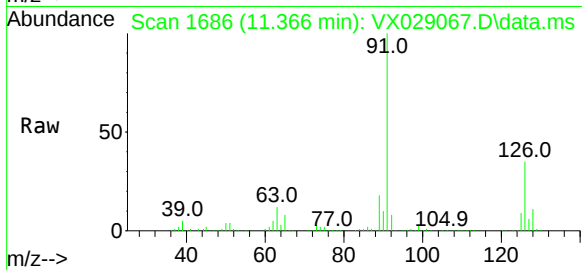
VSTDCCC050

Tgt Ion: 91 Resp: 613957

Ion Ratio Lower Upper

91 100

126 35.4 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 58.317 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX029067.D

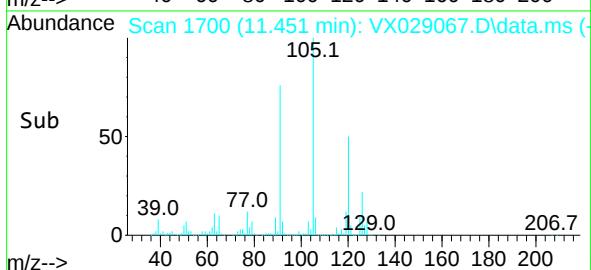
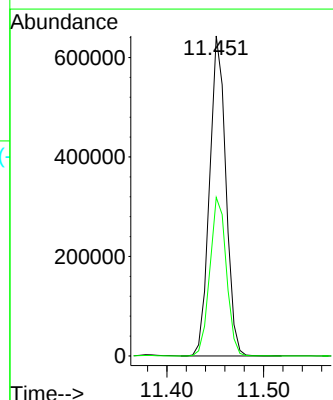
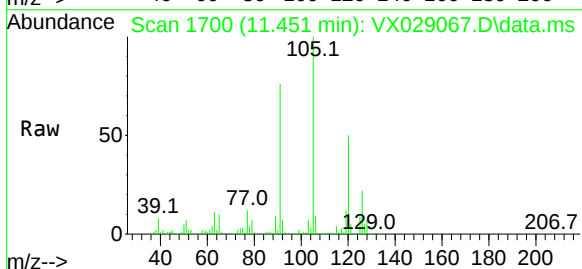
Acq: 31 May 2022 11:18

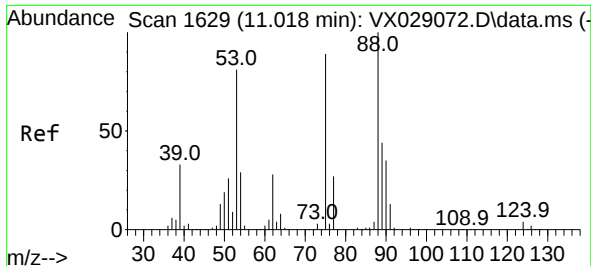
Tgt Ion: 105 Resp: 753304

Ion Ratio Lower Upper

105 100

120 50.3 24.3 72.9

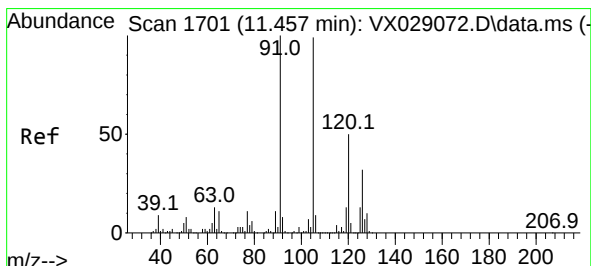
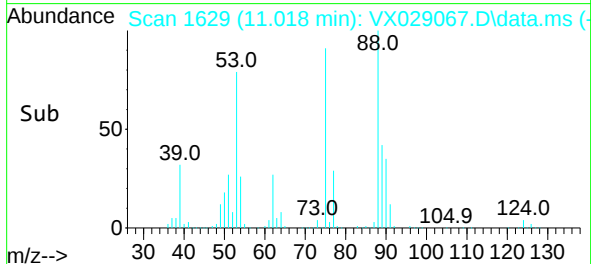
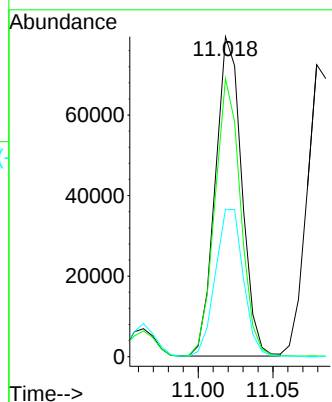
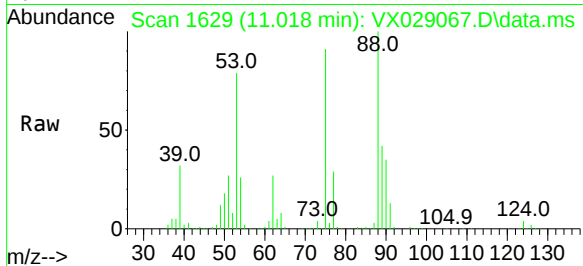




#81
trans-1,4-Dichloro-2-butene
Concen: 62.920 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

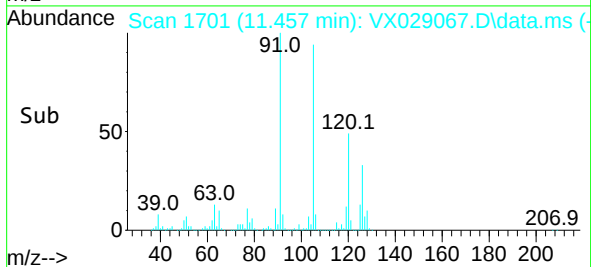
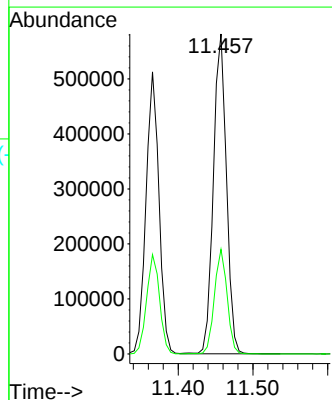
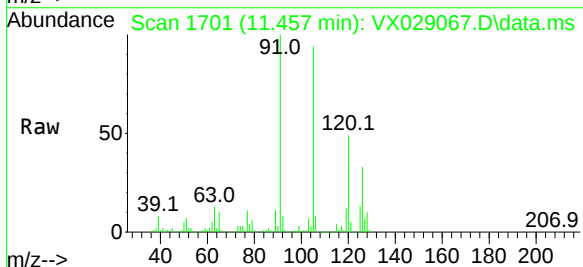
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

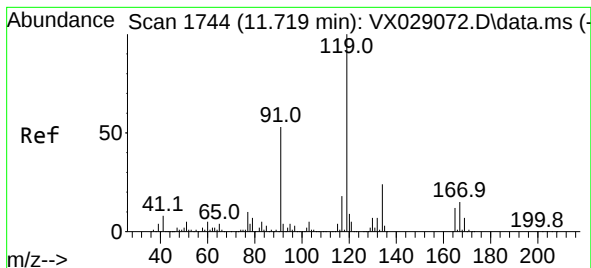
Tgt Ion: 75 Resp: 97617
Ion Ratio Lower Upper
75 100
53 84.7 69.0 103.4
89 49.0 37.0 55.6



#82
4-Chlorotoluene
Concen: 58.196 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

Tgt Ion: 91 Resp: 706649
Ion Ratio Lower Upper
91 100
126 31.8 14.9 44.5





#83

tert-Butylbenzene

Concen: 59.659 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.006 min

Lab File: VX029067.D

Acq: 31 May 2022 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

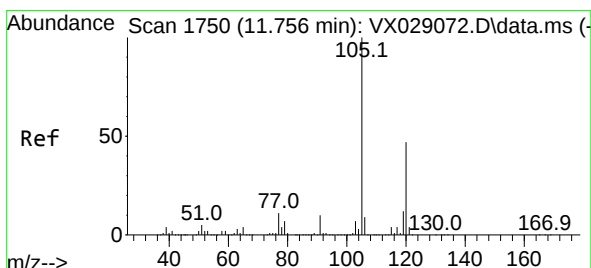
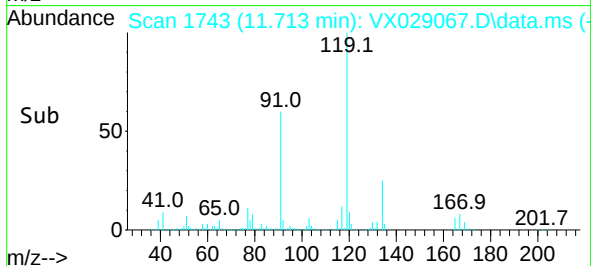
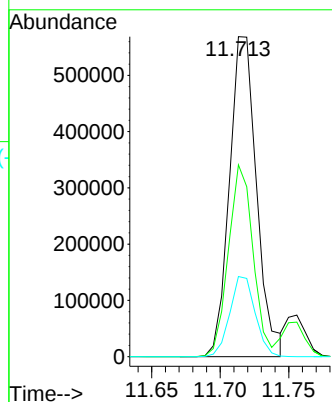
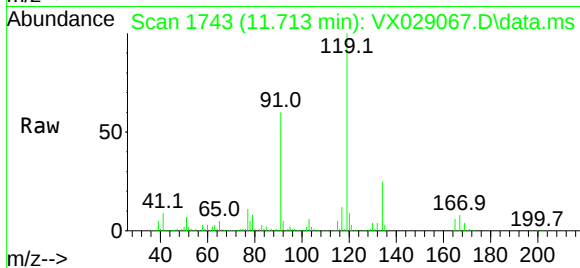
Tgt Ion:119 Resp: 787662

Ion Ratio Lower Upper

119 100

91 54.2 26.9 80.6

134 23.5 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 58.678 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX029067.D

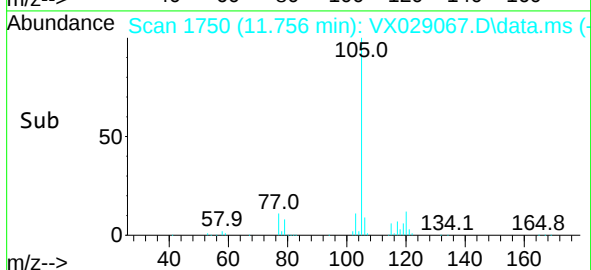
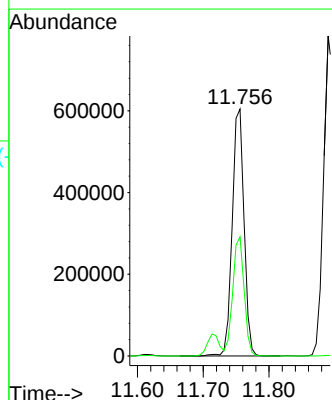
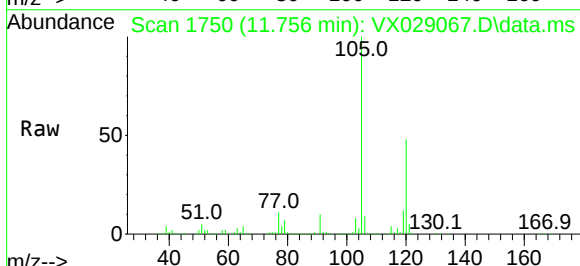
Acq: 31 May 2022 11:18

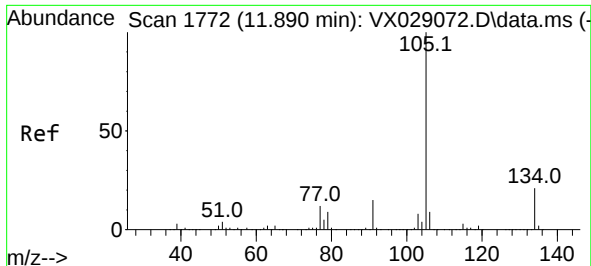
Tgt Ion:105 Resp: 756589

Ion Ratio Lower Upper

105 100

120 46.4 22.6 67.8

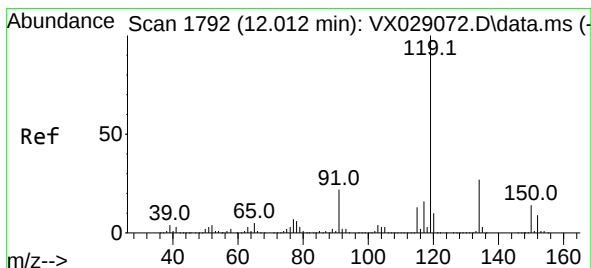
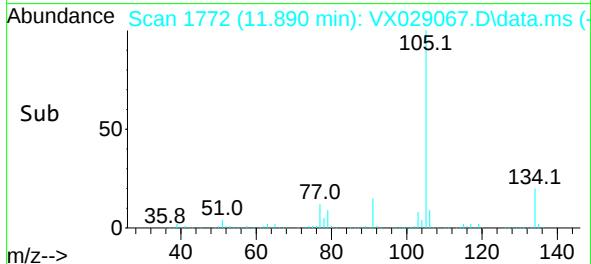
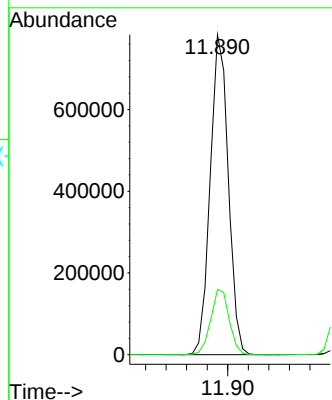
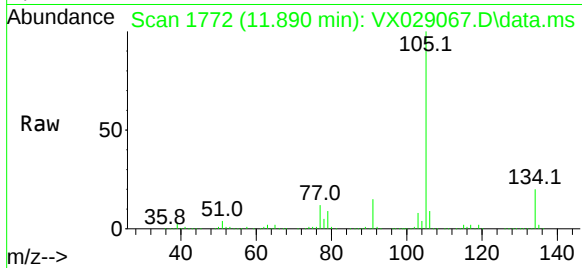




#85
 sec-Butylbenzene
 Concen: 61.595 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX029067.D
 Acq: 31 May 2022 11:18

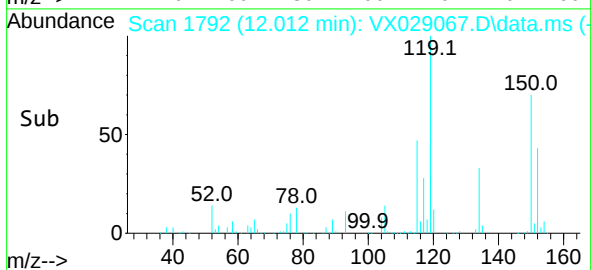
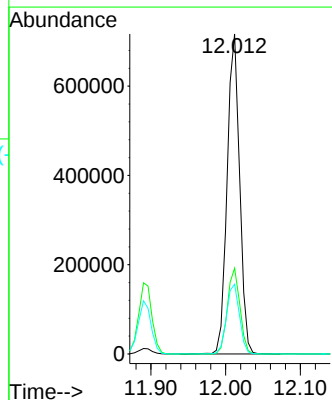
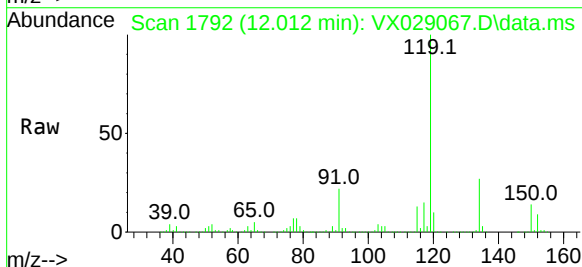
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 954714
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 61.264 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX029067.D
 Acq: 31 May 2022 11:18

Tgt Ion:119 Resp: 830217
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.0 39.0
 91 22.4 11.3 33.9

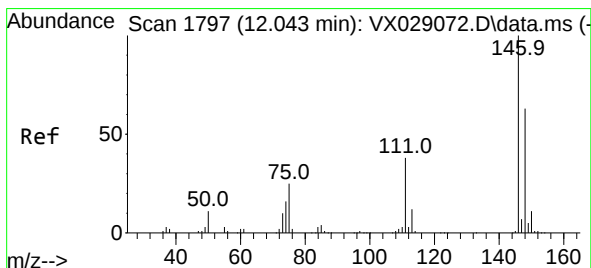
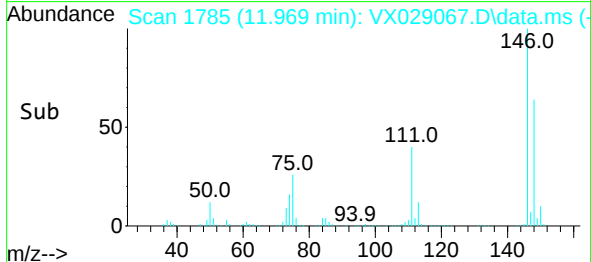
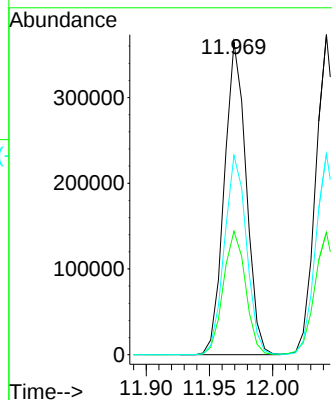
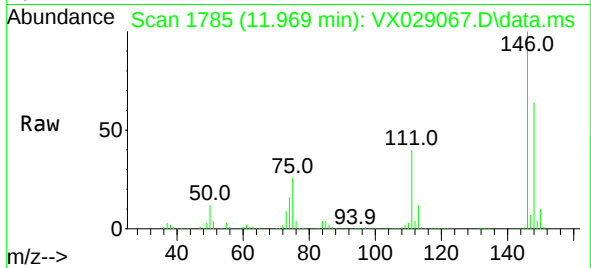




#87
1,3-Dichlorobenzene
Concen: 57.764 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

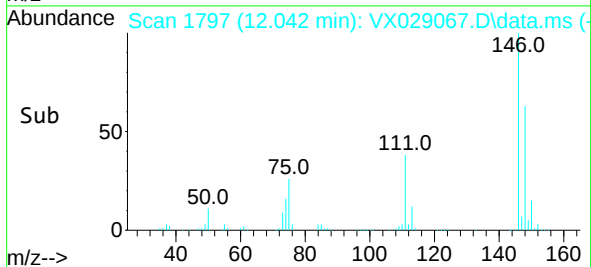
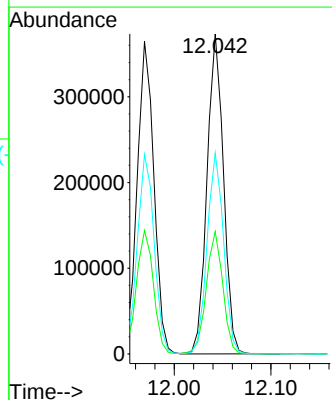
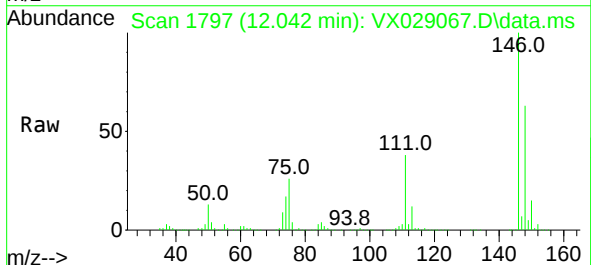
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

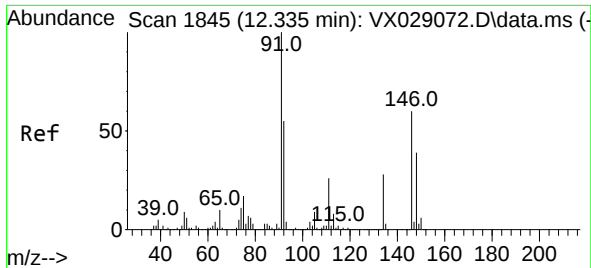
Tgt Ion:146 Resp: 438123
Ion Ratio Lower Upper
146 100
111 40.2 19.7 59.1
148 64.5 31.6 94.7



#88
1,4-Dichlorobenzene
Concen: 56.509 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.001 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

Tgt Ion:146 Resp: 441662
Ion Ratio Lower Upper
146 100
111 38.5 19.2 57.6
148 63.0 32.3 96.9

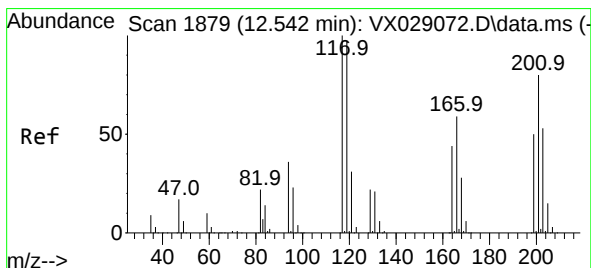
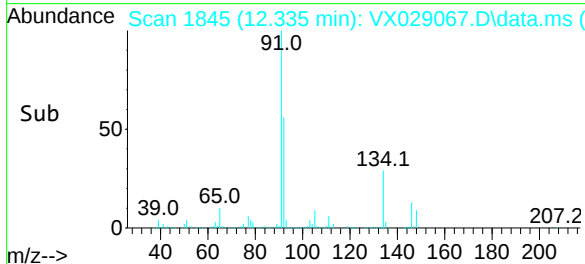
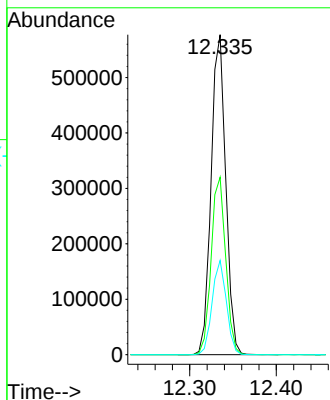
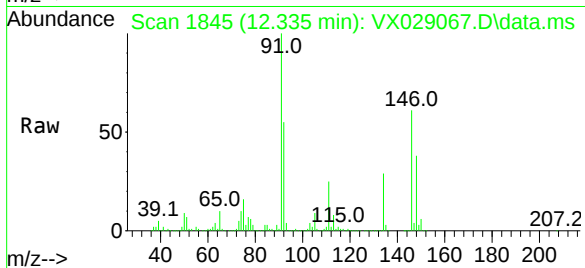




#89
n-Butylbenzene
Concen: 61.604 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

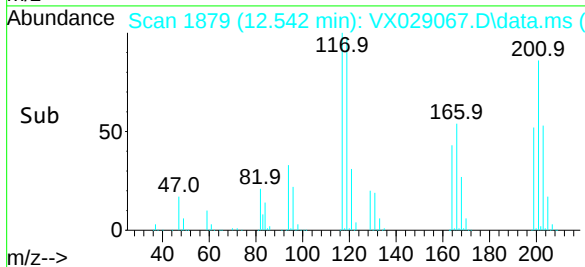
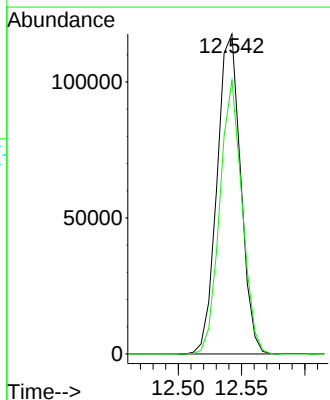
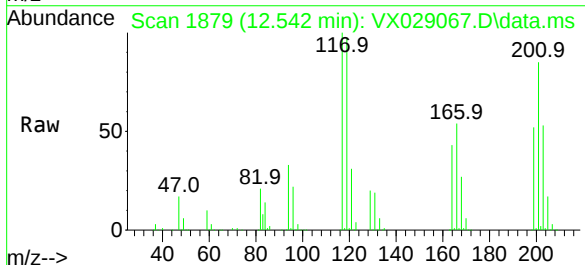
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

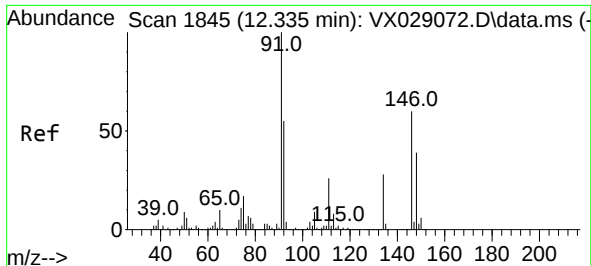
Tgt Ion: 91 Resp: 677444
Ion Ratio Lower Upper
91 100
92 55.2 27.8 83.3
134 28.7 13.3 39.8



#90
Hexachloroethane
Concen: 61.896 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX029067.D
Acq: 31 May 2022 11:18

Tgt Ion: 117 Resp: 152506
Ion Ratio Lower Upper
117 100
201 80.8 39.5 118.5

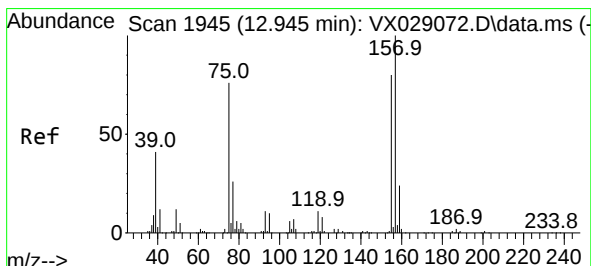
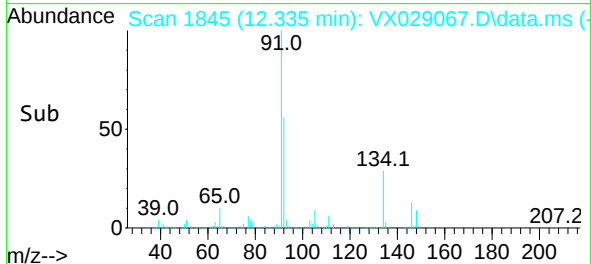
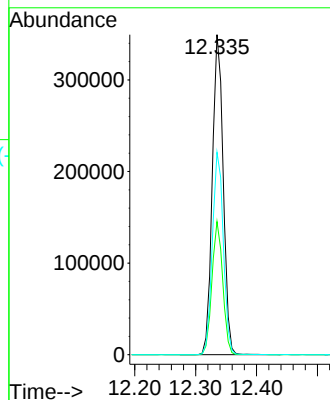
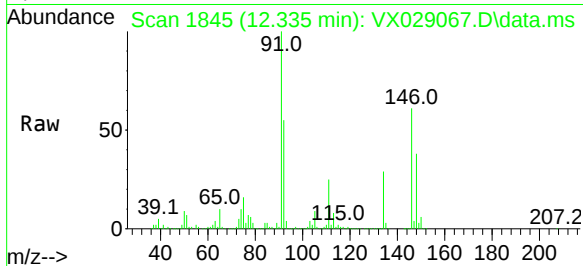




#91
 1,2-Dichlorobenzene
 Concen: 58.198 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX029067.D
 Acq: 31 May 2022 11:18

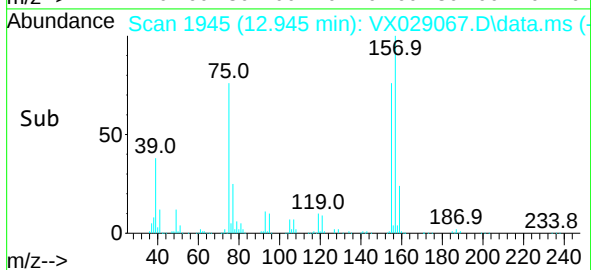
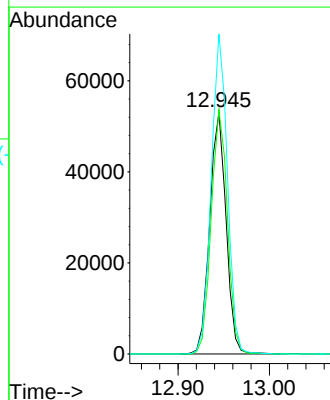
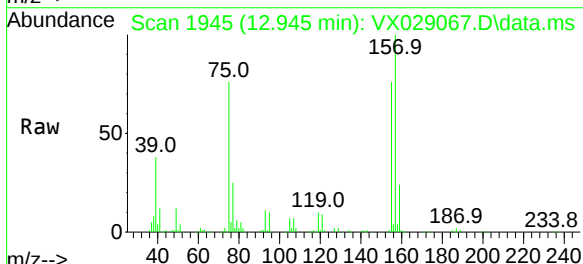
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

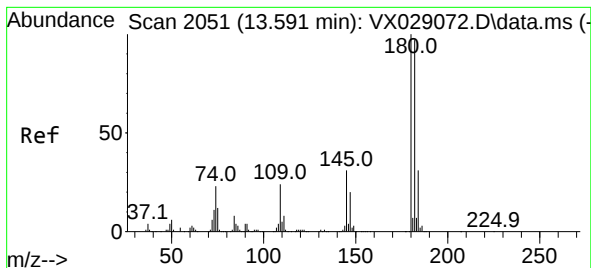
Tgt Ion:146 Resp: 434817
 Ion Ratio Lower Upper
 146 100
 111 41.1 21.0 63.0
 148 63.7 32.6 97.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.060 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. -0.000 min
 Lab File: VX029067.D
 Acq: 31 May 2022 11:18

Tgt Ion: 75 Resp: 65939
 Ion Ratio Lower Upper
 75 100
 155 100.2 47.0 141.2
 157 130.3 57.9 173.6





#93

1,2,4-Trichlorobenzene

Concen: 60.358 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX029067.D

Acq: 31 May 2022 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

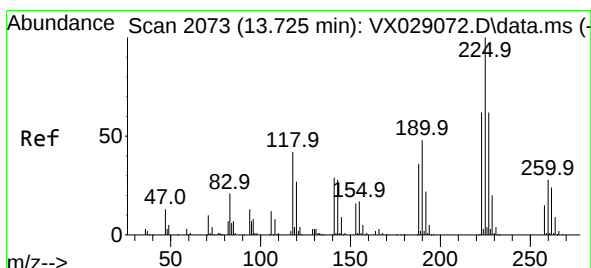
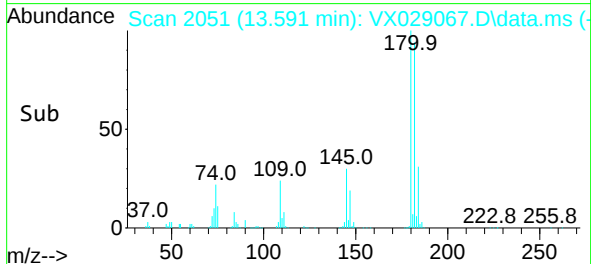
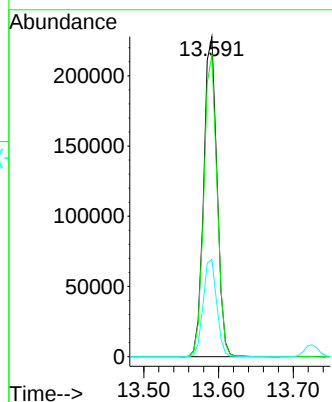
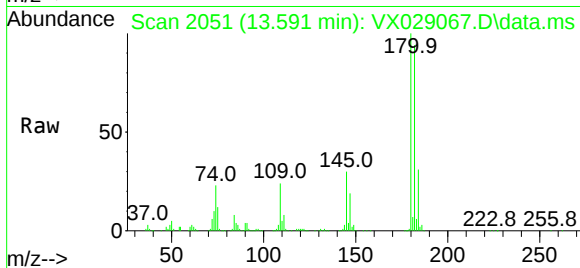
Tgt Ion:180 Resp: 281221

Ion Ratio Lower Upper

180 100

182 94.2 47.7 143.1

145 31.1 15.2 45.5



#94

Hexachlorobutadiene

Concen: 62.110 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX029067.D

Acq: 31 May 2022 11:18

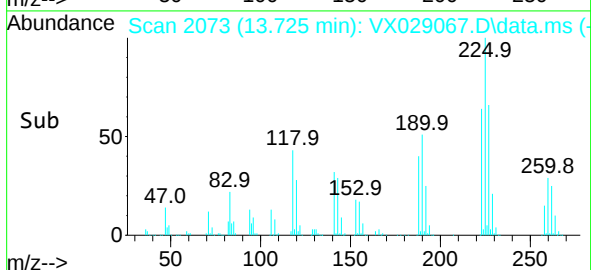
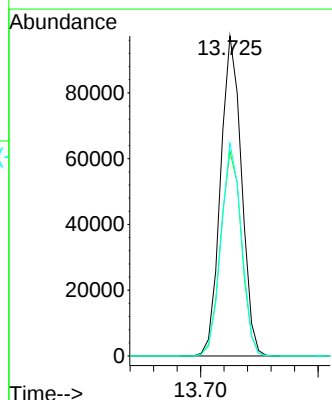
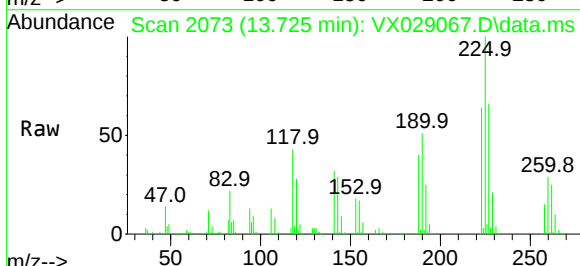
Tgt Ion:225 Resp: 120499

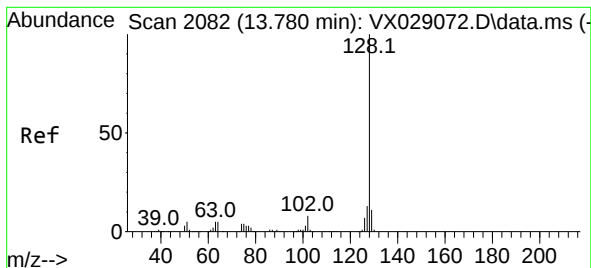
Ion Ratio Lower Upper

225 100

223 63.7 34.2 102.5

227 64.6 33.9 101.7





#95

Naphthalene

Concen: 62.039 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX029067.D

Acq: 31 May 2022 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

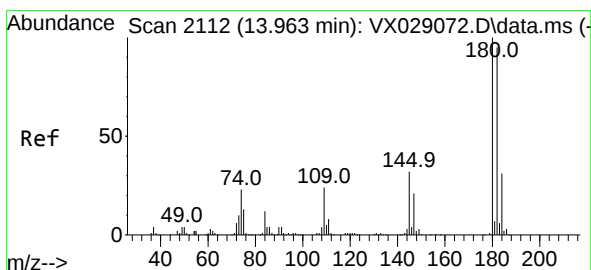
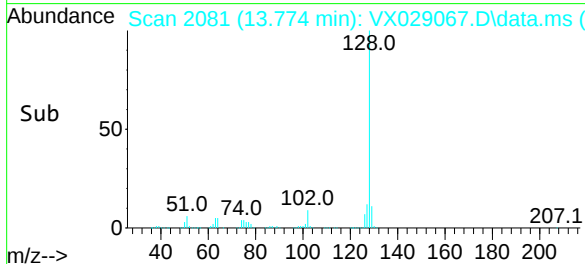
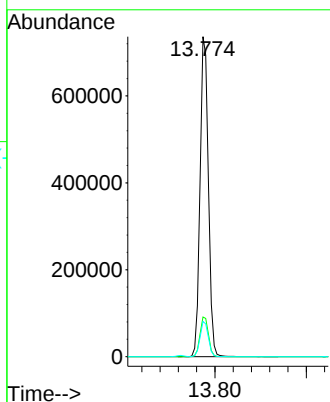
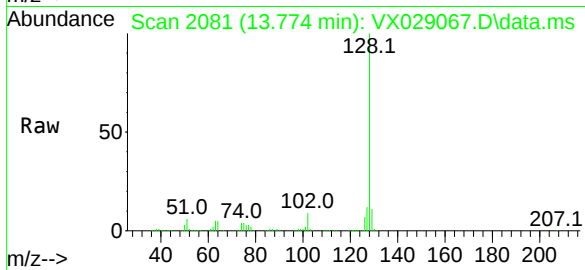
Tgt Ion:128 Resp: 924333

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 60.829 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX029067.D

Acq: 31 May 2022 11:18

Tgt Ion:180 Resp: 279872

Ion Ratio Lower Upper

180 100

182 95.2 50.0 149.8

145 33.2 16.2 48.5

