

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060721\
 Data File : VX022546.D
 Acq On : 07 Jun 2021 20:01
 Operator : JC/MD
 Sample : PB136857ZHE#18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136857ZHE#18

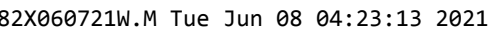
Quant Time: Jun 08 04:23:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

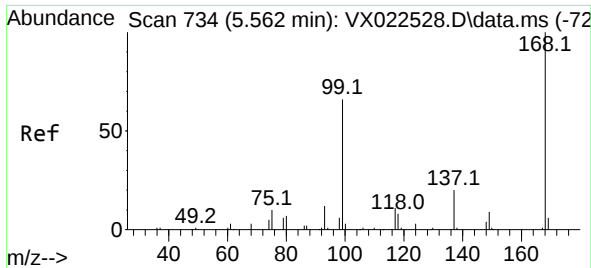
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	63491	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	134100	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	123145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	54120	47.949	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.900%		
35) Dibromofluoromethane	5.397	113	38895	46.358	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.720%		
50) Toluene-d8	8.653	98	166085	49.611	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.220%		
62) 4-Bromofluorobenzene	11.085	95	59115	47.507	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.020%		
Target Compounds						Qvalue
5) Bromomethane	1.611	94	223	0.486	ug/l	# 62
10) Methyl Iodide	2.471	142	192	0.209	ug/l	# 43
11) Tert butyl alcohol	2.959	59	1951	7.706	ug/l	# 73
16) Acetone	2.386	43	9083	17.909	ug/l	90
17) Carbon Disulfide	2.507	76	296	3.521	ug/l	# 75
18) Methyl Acetate	2.721	43	705	0.504	ug/l	# 47
20) Methylene Chloride	2.794	84	4677	4.417	ug/l	93
25) 2-Butanone	4.574	43	1845	2.201	ug/l	93
29) Tetrahydrofuran	5.037	42	548	1.114	ug/l	# 55
36) 1,1-Dichloropropene	5.562	75	6427	4.954	ug/l	# 47
38) Carbon Tetrachloride	5.562	117	7551	8.090	ug/l	# 17
41) Methacrylonitrile	5.031	41	305	0.333	ug/l	# 33
43) Isopropyl Acetate	6.348	43	11937	4.422	ug/l	# 92
48) Methyl methacrylate	7.604	41	3563	2.837	ug/l	# 10
49) 1,4-Dioxane	7.805	88	20	0.787	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	43701	25.989	ug/l	# 45
54) cis-1,3-Dichloropropene	8.555	75	19802	13.198	ug/l	# 63
56) Ethyl methacrylate	9.006	69	57	2.731	ug/l	# 29
57) 1,3-Dichloropropane	9.488	76	11432	6.455	ug/l	# 42
59) 2-Hexanone	9.378	43	5086	3.959	ug/l	# 19
60) Dibromochloromethane	9.275	129	47	3.617	ug/l	# 11
74) N-amyl acetate	10.646	43	7951	3.762	ug/l	# 47
76) 1,2,3-Trichloropropane	11.085	75	31663	25.288	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.457	105	2342	0.696	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.085	75	31663	62.512	ug/l	# 12

(#) = qualifier out of range (m) = manual integration (+) = signals summed

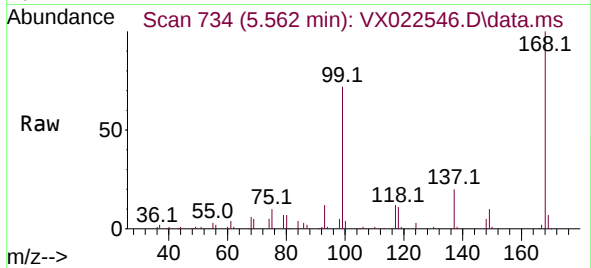
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Quant Title : SW846 8260
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Response via : Initial Calibration



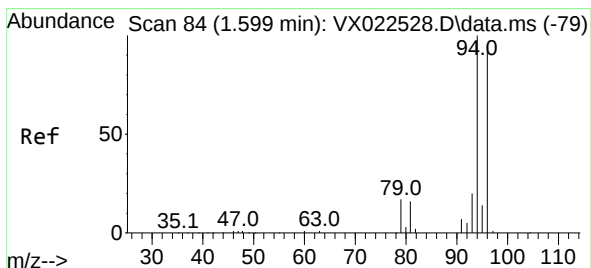
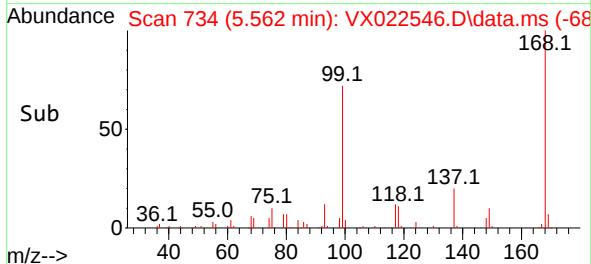
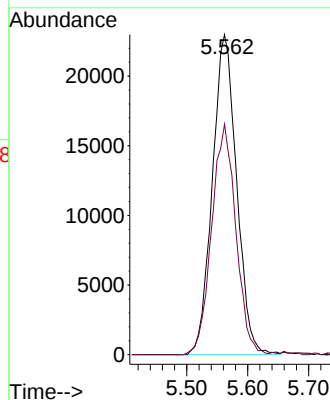


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022546.D
Acq: 07 Jun 2021 20:01

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#18

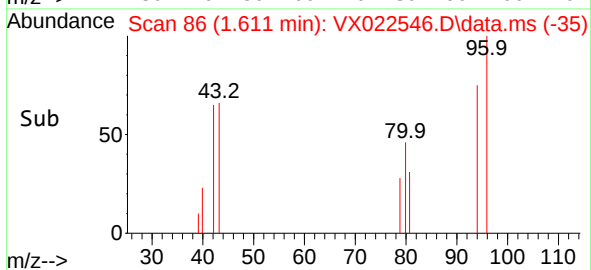
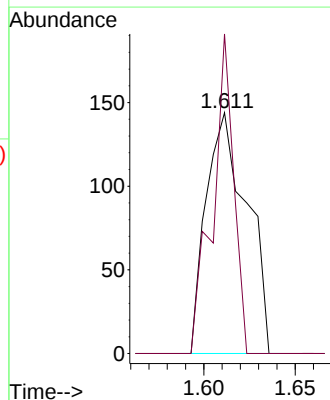
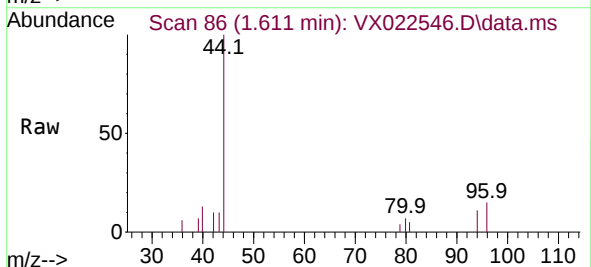


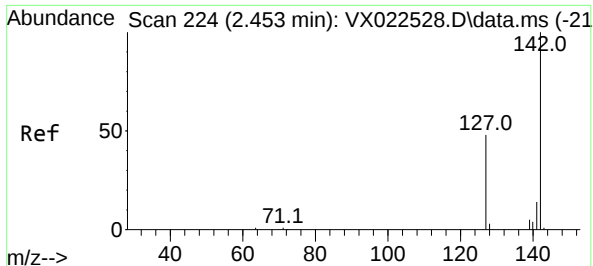
Tgt Ion:168 Resp: 63491
Ion Ratio Lower Upper
168 100
99 72.0 45.8 68.6#



#5
Bromomethane
Concen: 0.486 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX022546.D
Acq: 07 Jun 2021 20:01

Tgt Ion: 94 Resp: 223
Ion Ratio Lower Upper
94 100
96 132.6 76.4 114.6#

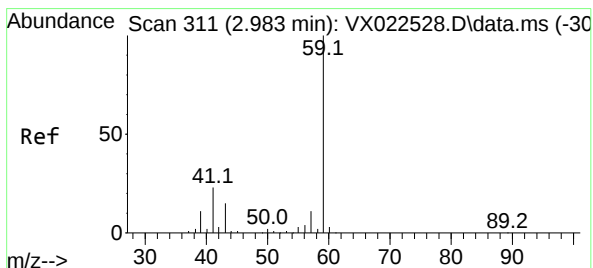
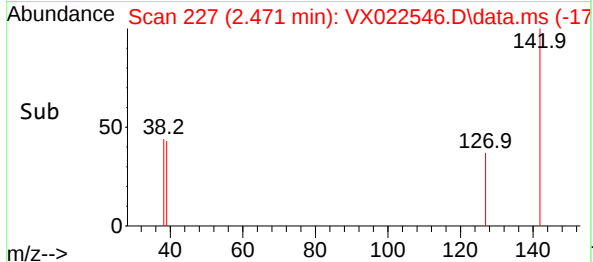
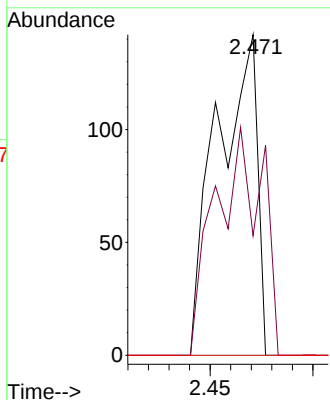
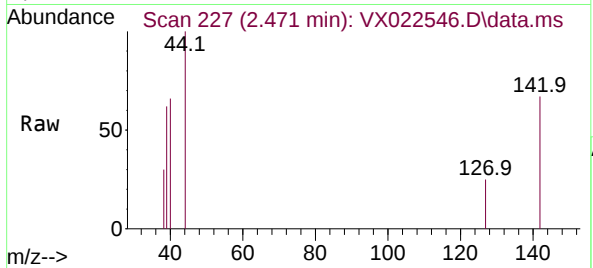




#10
Methyl Iodide
Concen: 0.209 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX022546.D
Acq: 07 Jun 2021 20:01

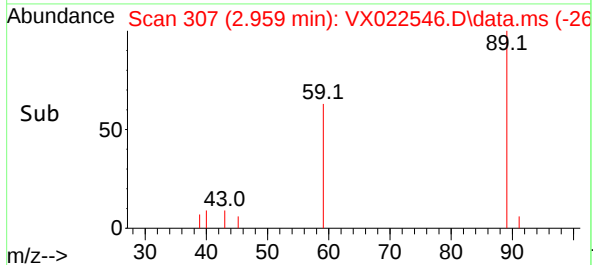
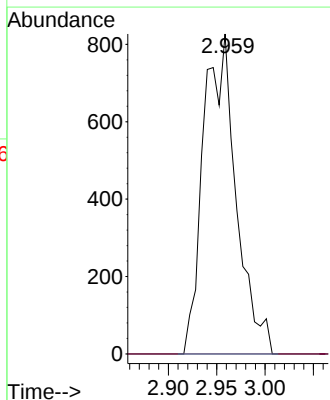
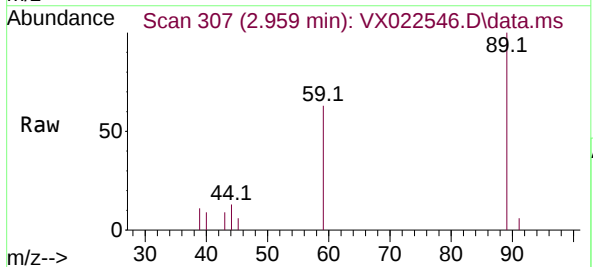
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#18

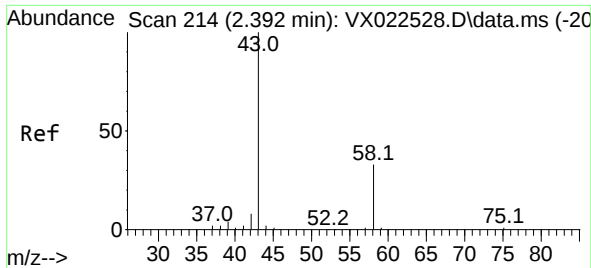
Tgt Ion:142 Resp: 192
Ion Ratio Lower Upper
142 100
127 82.3 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 7.706 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX022546.D
Acq: 07 Jun 2021 20:01

Tgt Ion: 59 Resp: 1951
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

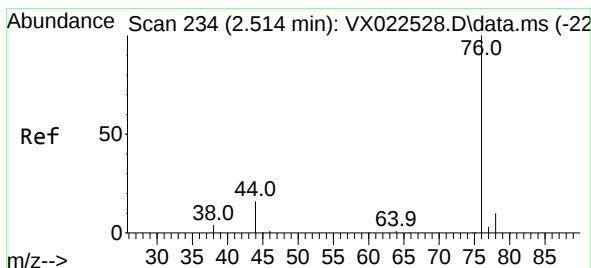
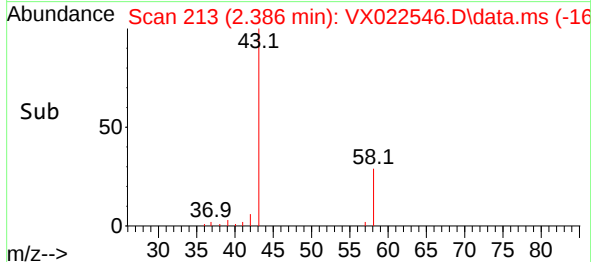
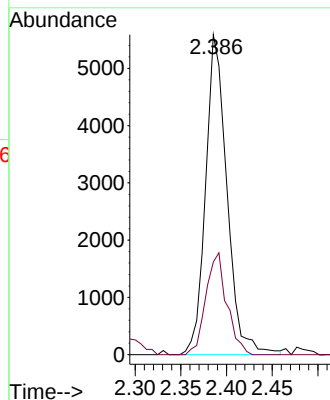
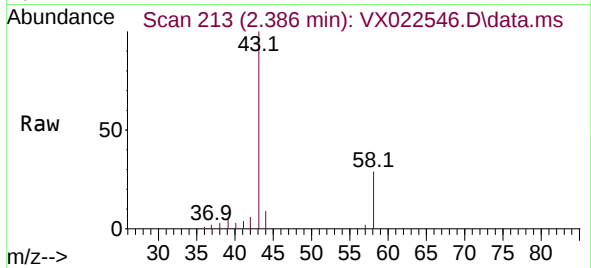




#16
Acetone
Concen: 17.909 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022546.D
Acq: 07 Jun 2021 20:01

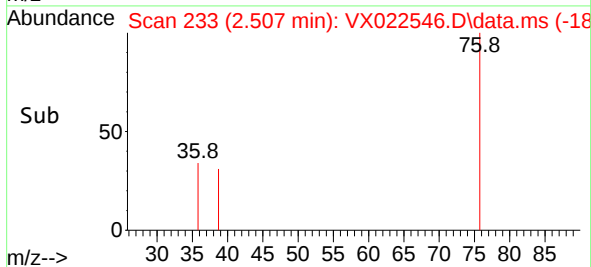
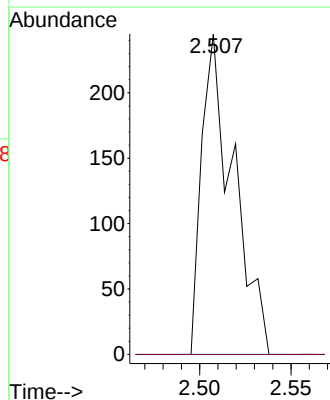
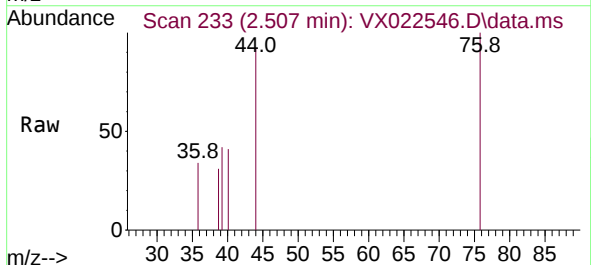
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#18

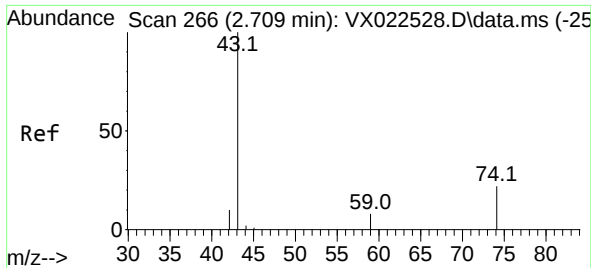
Tgt Ion: 43 Resp: 9083
Ion Ratio Lower Upper
43 100
58 28.9 27.8 41.8



#17
Carbon Disulfide
Concen: 3.521 ug/l
RT: 2.507 min Scan# 233
Delta R.T. -0.007 min
Lab File: VX022546.D
Acq: 07 Jun 2021 20:01

Tgt Ion: 76 Resp: 296
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

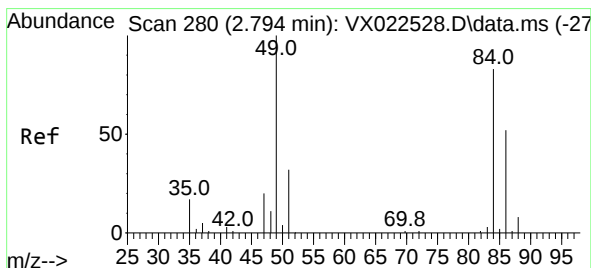
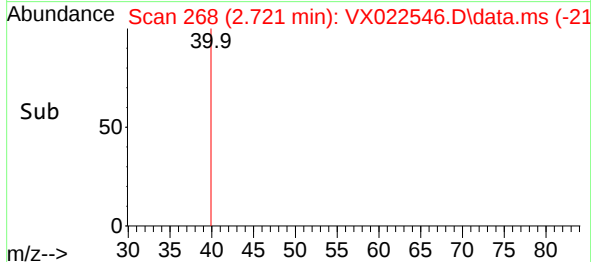
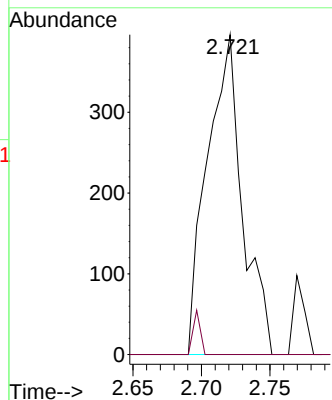
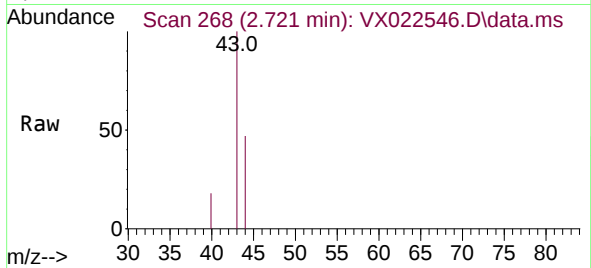




#18
Methyl Acetate
Concen: 0.504 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX022546.D
Acq: 07 Jun 2021 20:01

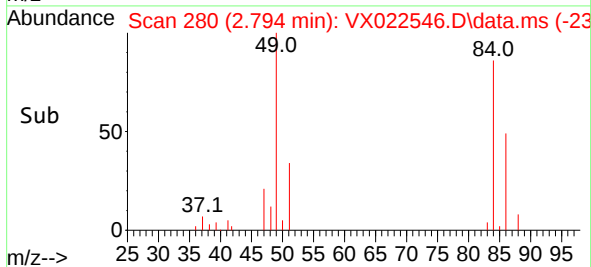
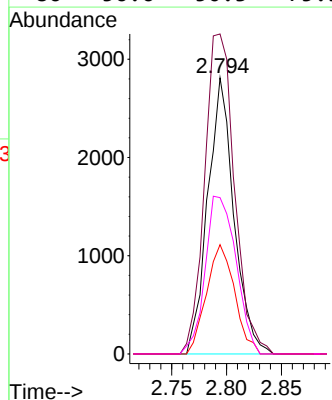
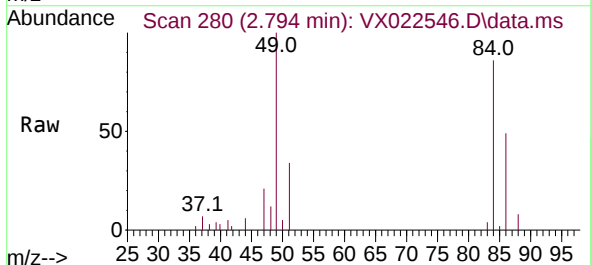
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#18

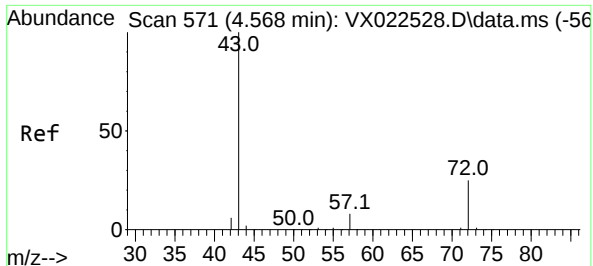
Tgt Ion: 43 Resp: 705
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 4.417 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022546.D
Acq: 07 Jun 2021 20:01

Tgt Ion: 84 Resp: 4677
Ion Ratio Lower Upper
84 100
49 115.9 88.6 132.8
51 39.6 27.0 40.6
86 56.6 50.3 75.5





#25

2-Butanone

Concen: 2.201 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

Lab File: VX022546.D

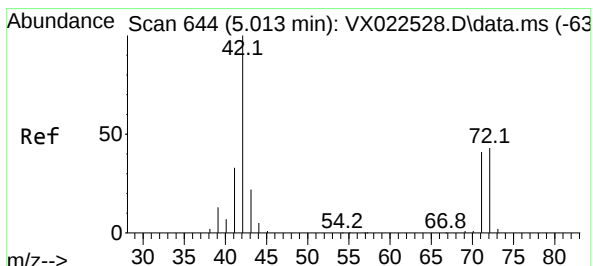
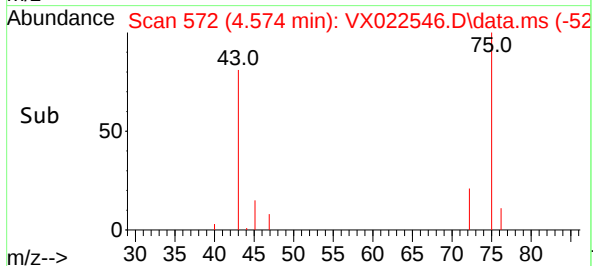
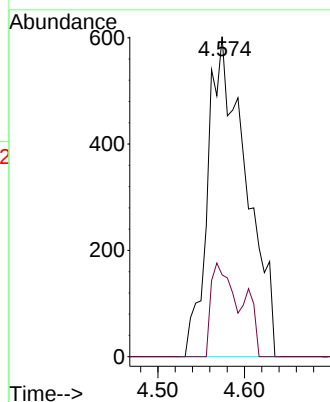
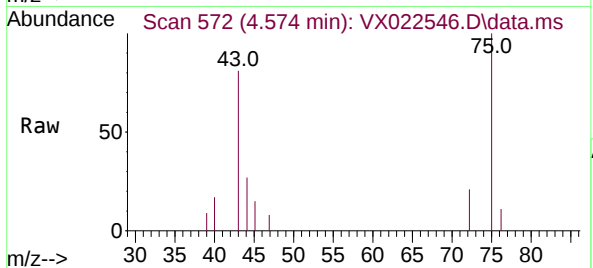
Acq: 07 Jun 2021 20:01

Tgt Ion: 43 Resp: 1845

Ion Ratio Lower Upper

43 100

72 25.6 23.7 35.5



#29

Tetrahydrofuran

Concen: 1.114 ug/l

RT: 5.037 min Scan# 648

Delta R.T. 0.024 min

Lab File: VX022546.D

Acq: 07 Jun 2021 20:01

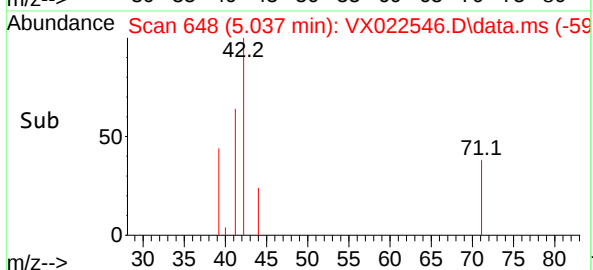
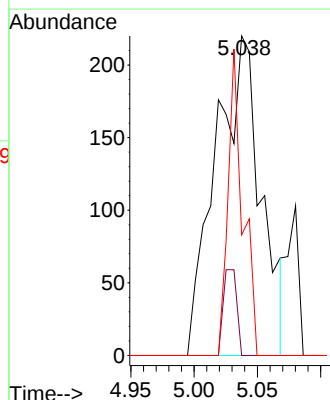
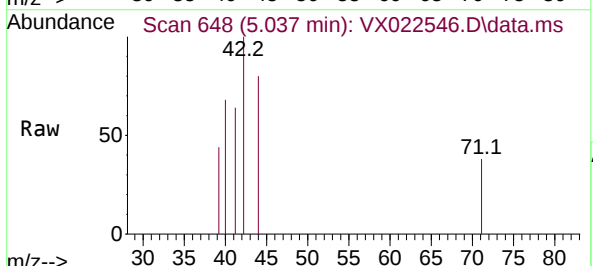
Tgt Ion: 42 Resp: 548

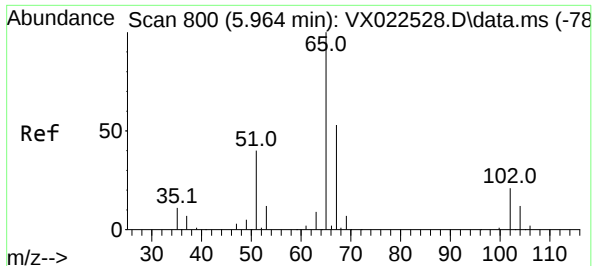
Ion Ratio Lower Upper

42 100

72 7.8 41.7 62.5#

71 31.2 38.4 57.6#



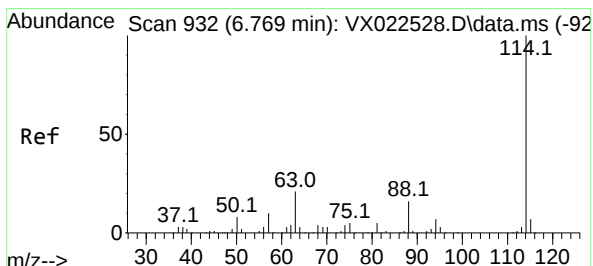
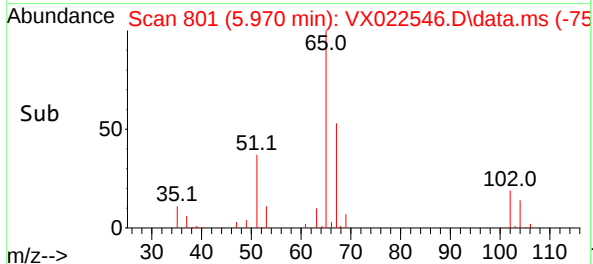
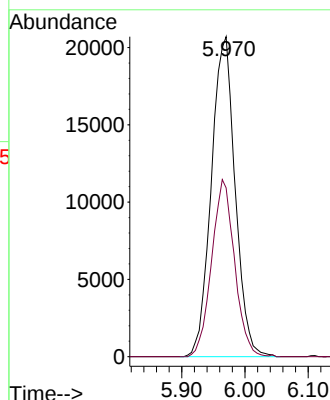
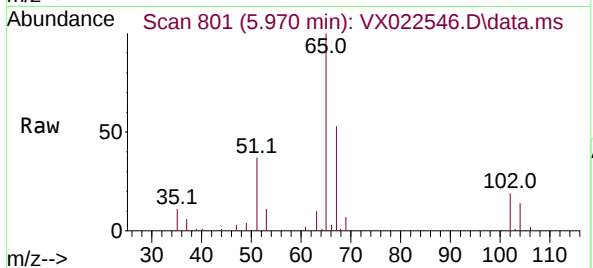


#33

1,2-Dichloroethane-d4
Concen: 47.949 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX022546.D
Acq: 07 Jun 2021 20:01

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#18

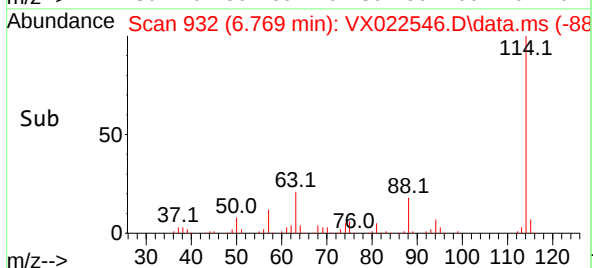
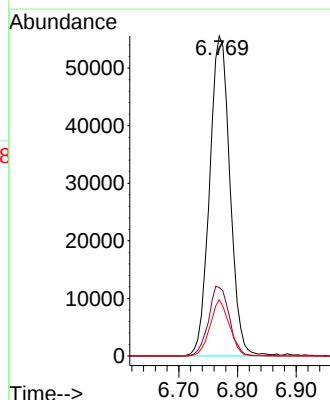
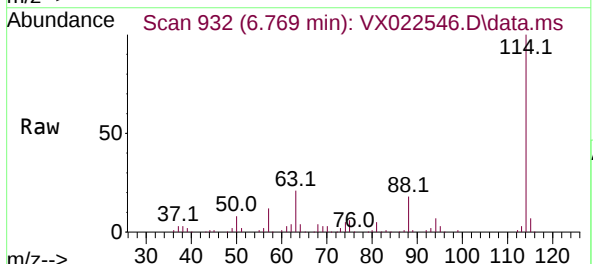
Tgt Ion: 65 Resp: 54120
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.4

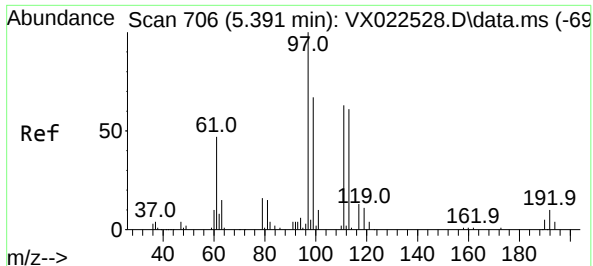


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022546.D
Acq: 07 Jun 2021 20:01

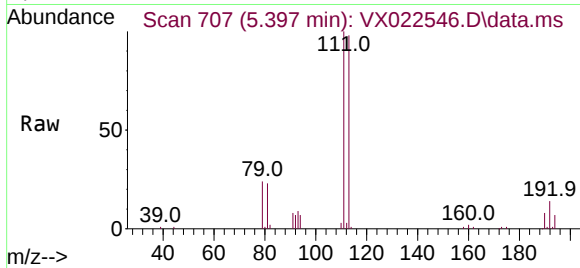
Tgt Ion: 114 Resp: 134100
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.8
88 17.5 0.0 32.8



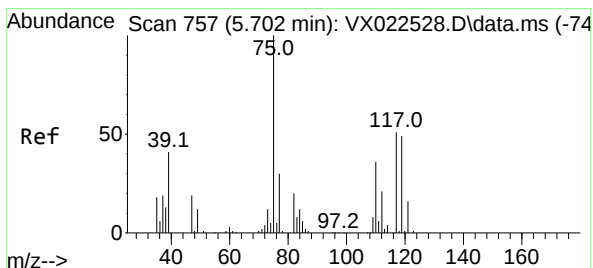
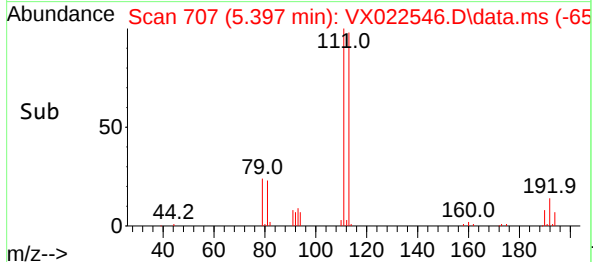
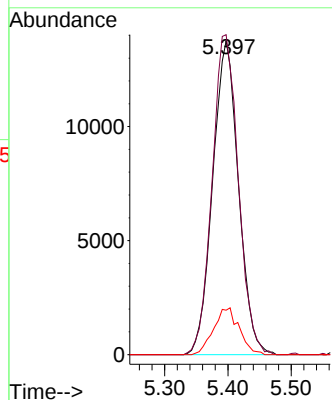


#35
Dibromofluoromethane
Concen: 46.358 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022546.D
Acq: 07 Jun 2021 20:01

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#18

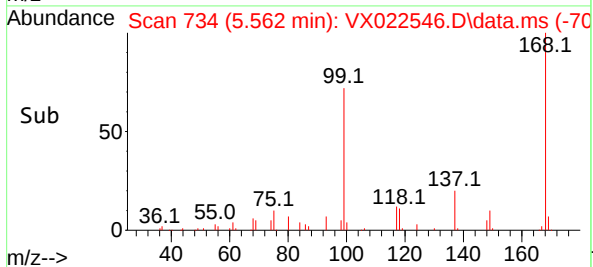
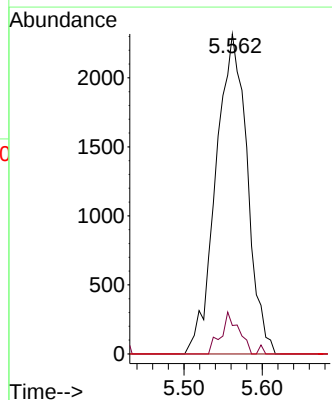
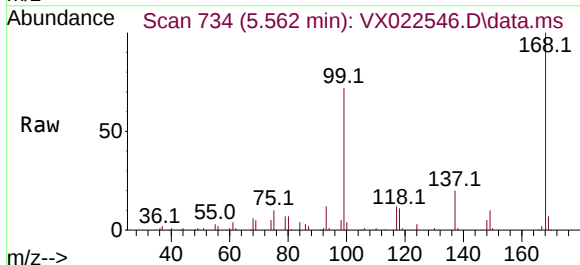


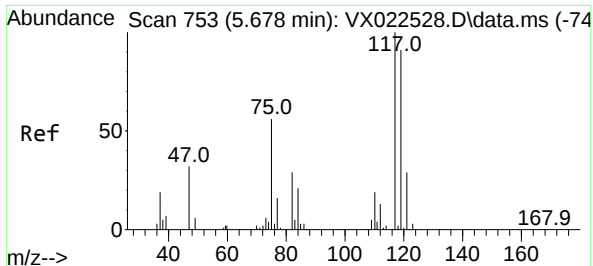
Tgt Ion:113 Resp: 38895
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 14.9 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 4.954 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022546.D
Acq: 07 Jun 2021 20:01

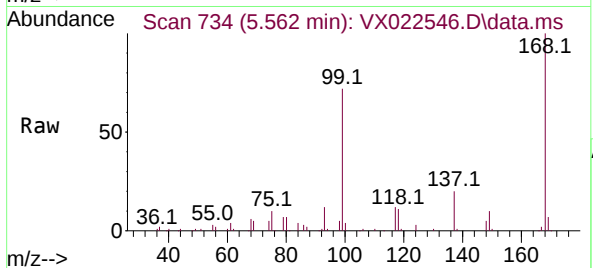
Tgt Ion: 75 Resp: 6427
Ion Ratio Lower Upper
75 100
110 7.4 18.1 54.4#
77 0.0 25.3 37.9#



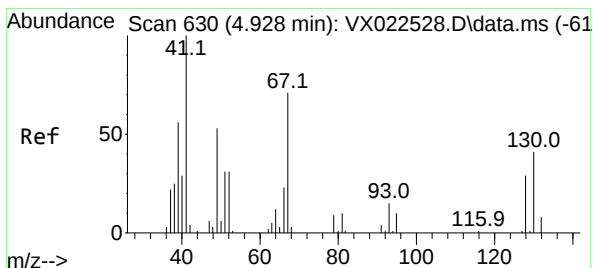
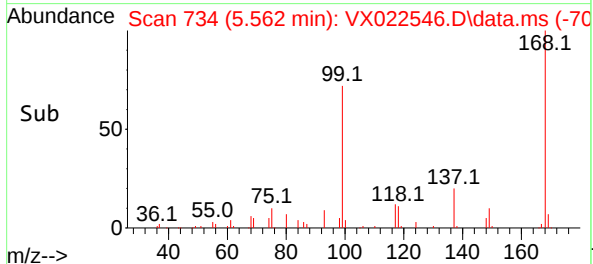
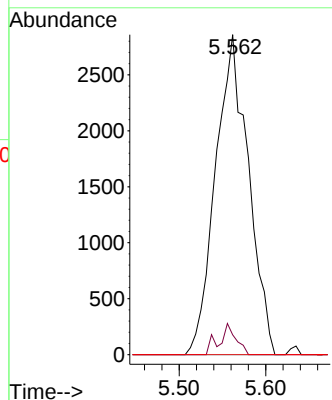


#38
Carbon Tetrachloride
Concen: 8.090 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022546.D
Acq: 07 Jun 2021 20:01

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#18

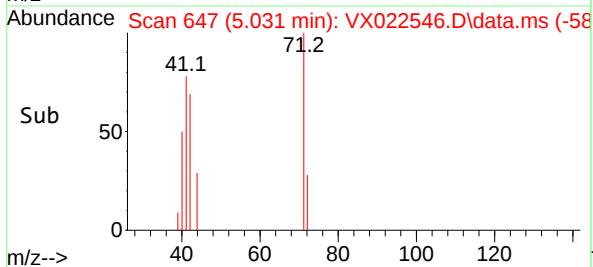
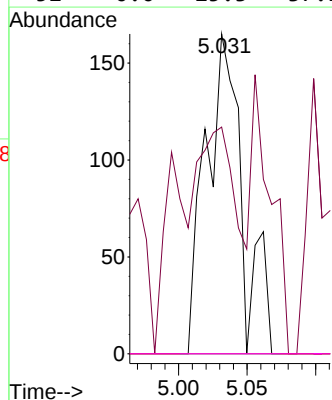
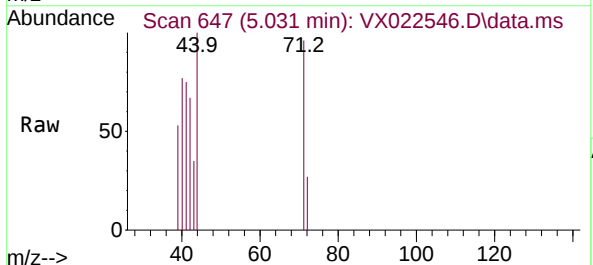


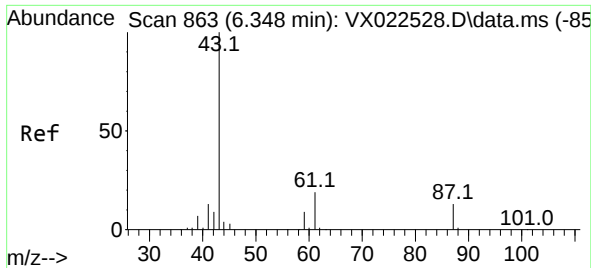
Tgt Ion:117 Resp: 7551
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.333 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.103 min
Lab File: VX022546.D
Acq: 07 Jun 2021 20:01

Tgt Ion: 41 Resp: 305
Ion Ratio Lower Upper
41 100
39 78.0 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

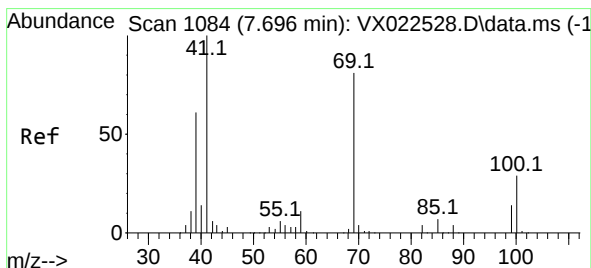
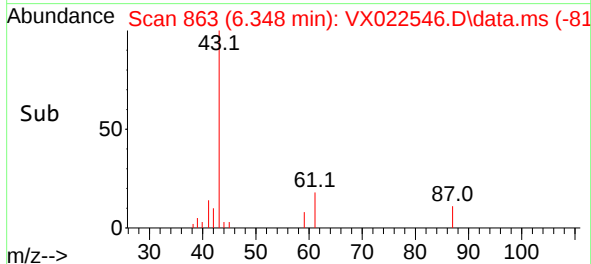
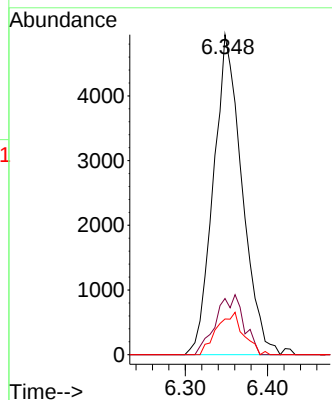
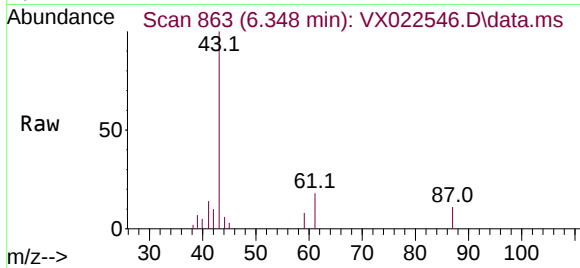




#43
Isopropyl Acetate
Concen: 4.422 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX022546.D
Acq: 07 Jun 2021 20:01

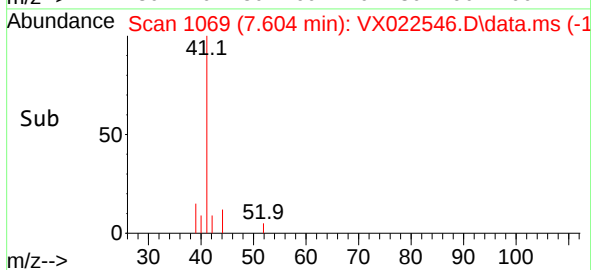
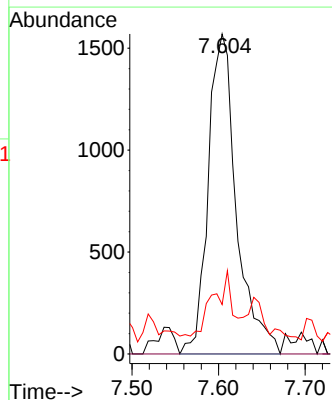
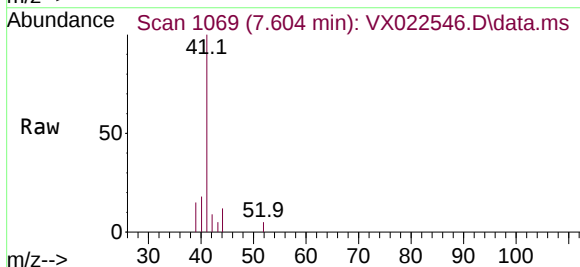
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#18

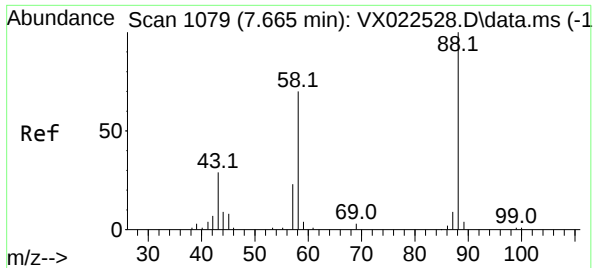
Tgt Ion:	43	Resp:	11937
Ion	Ratio	Lower	Upper
43	100		
61	18.4	18.2	27.4
87	12.3	12.5	18.7#



#48
Methyl methacrylate
Concen: 2.837 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022546.D
Acq: 07 Jun 2021 20:01

Tgt Ion:	41	Resp:	3563
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#

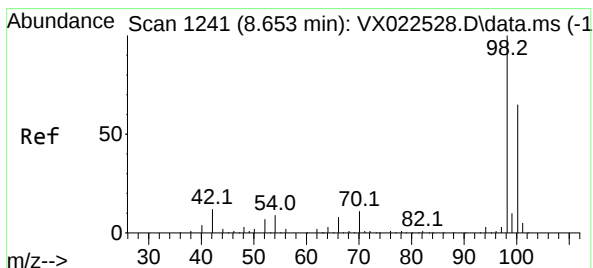
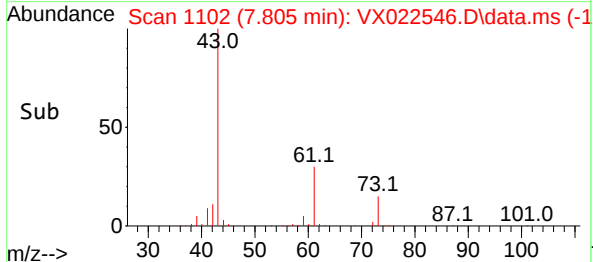
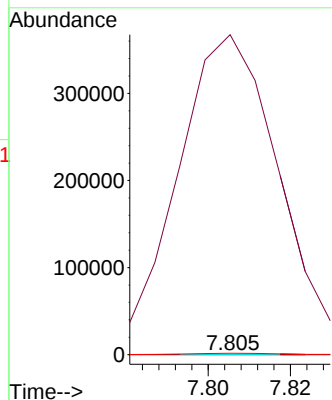
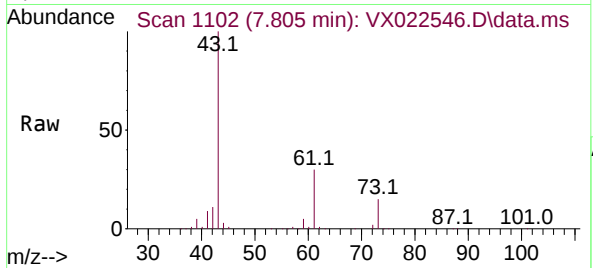




#49
1,4-Dioxane
Concen: 0.787 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.140 min
Lab File: VX022546.D
Acq: 07 Jun 2021 20:01

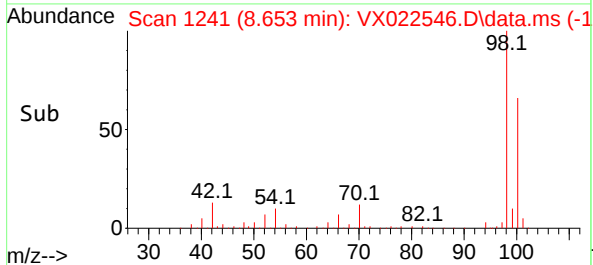
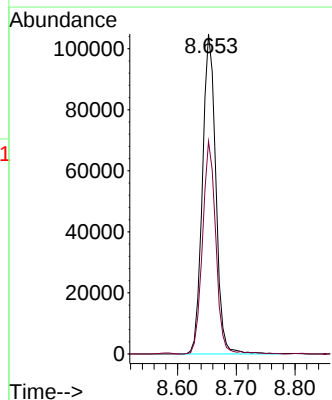
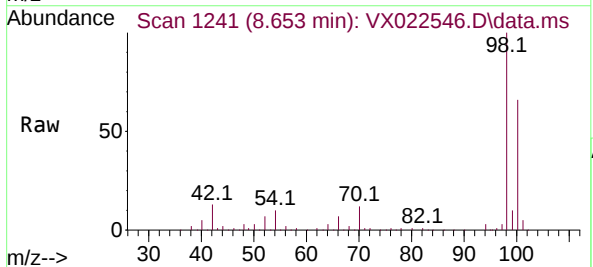
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#18

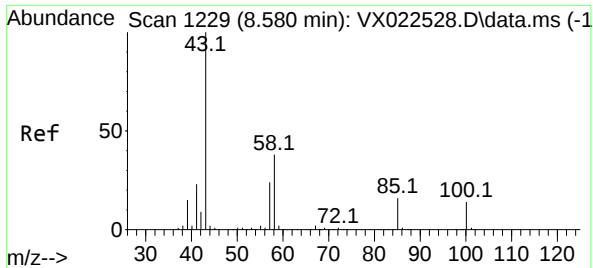
Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 3242755.0 23.2 34.8#
58 13730.0 55.0 82.4#



#50
Toluene-d8
Concen: 49.611 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022546.D
Acq: 07 Jun 2021 20:01

Tgt Ion: 98 Resp: 166085
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9

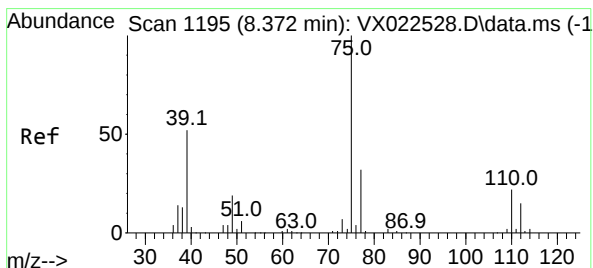
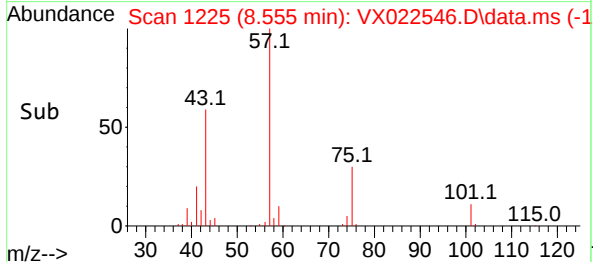
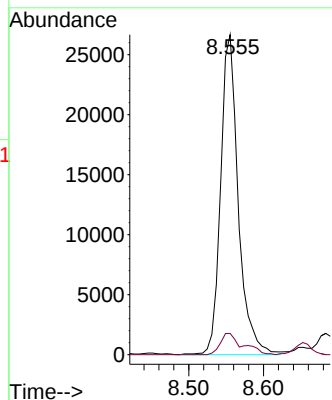
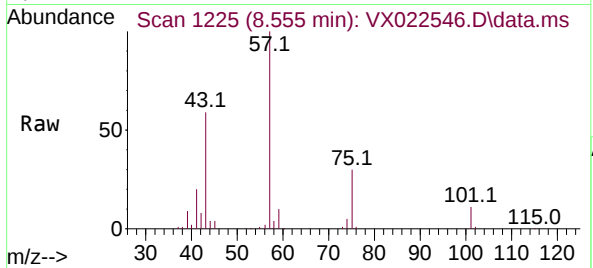




#51
4-Methyl-2-Pentanone
Concen: 25.989 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022546.D
Acq: 07 Jun 2021 20:01

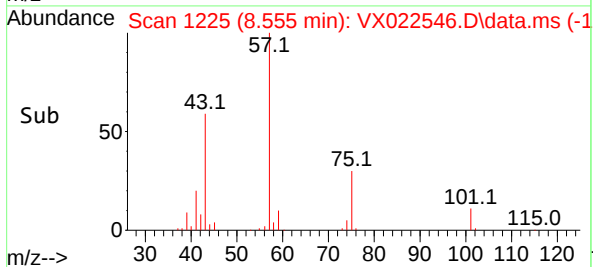
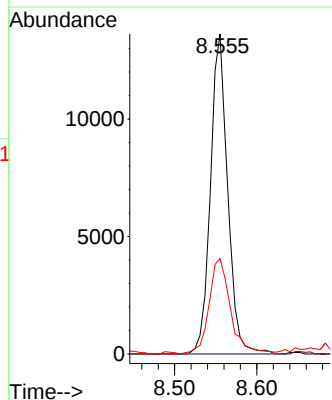
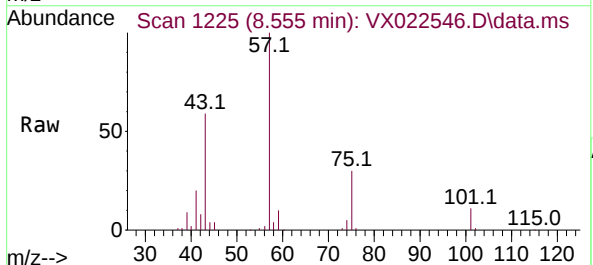
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#18

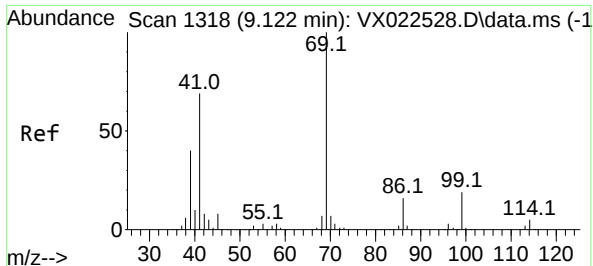
Tgt Ion: 43 Resp: 43701
Ion Ratio Lower Upper
43 100
58 8.5 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 13.198 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022546.D
Acq: 07 Jun 2021 20:01

Tgt Ion: 75 Resp: 19802
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 29.8 35.1 52.7#

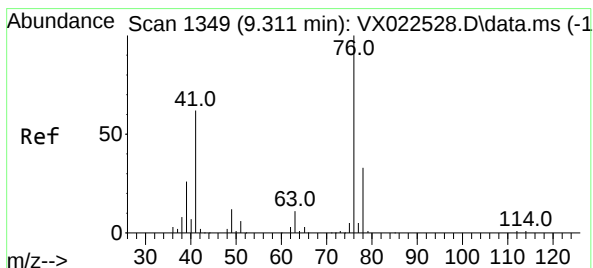
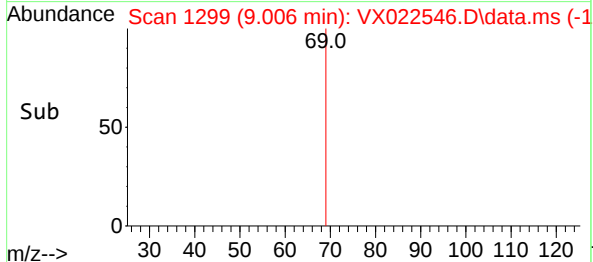
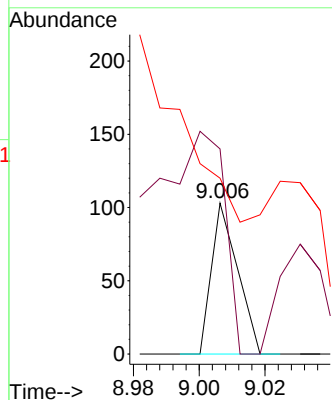
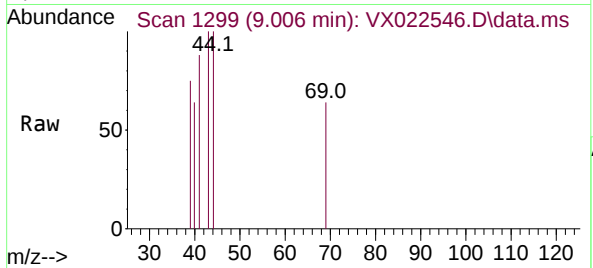




#56
Ethyl methacrylate
Concen: 2.731 ug/l
RT: 9.006 min Scan# 1299
Delta R.T. -0.116 min
Lab File: VX022546.D
Acq: 07 Jun 2021 20:01

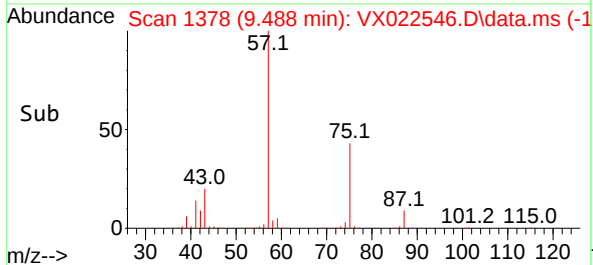
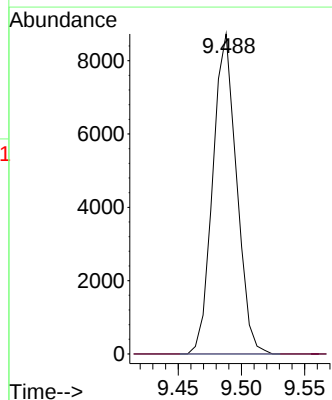
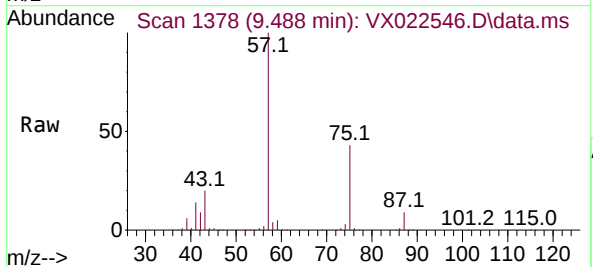
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#18

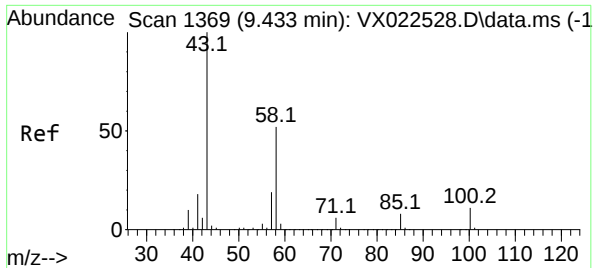
Tgt Ion: 69	Resp: 57
Ion Ratio	Lower Upper
69 100	
41 0.0	46.8 70.2#
39 0.0	24.7 37.1#



#57
1,3-Dichloropropane
Concen: 6.455 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022546.D
Acq: 07 Jun 2021 20:01

Tgt Ion: 76	Resp: 11432
Ion Ratio	Lower Upper
76 100	
78 0.0	26.2 39.2#

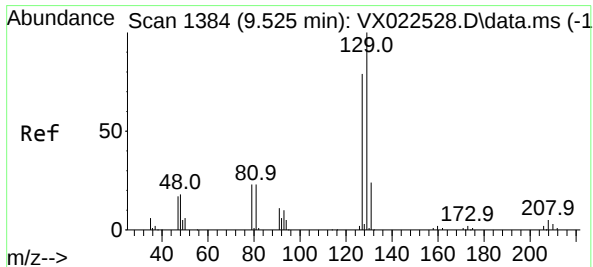
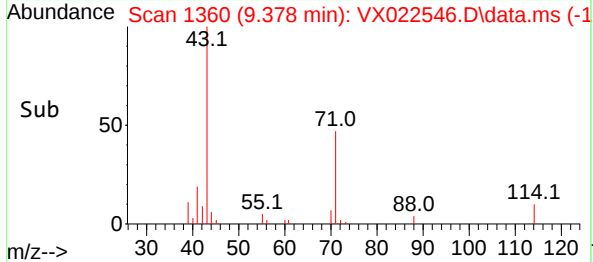
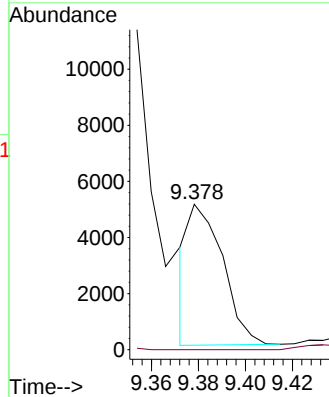
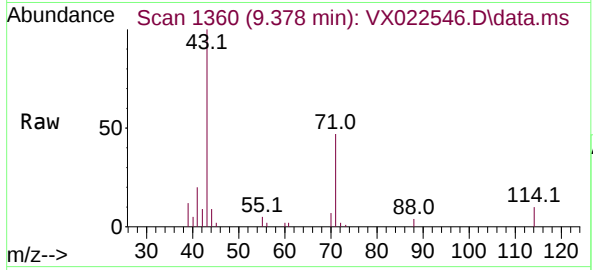




#59
2-Hexanone
Concen: 3.959 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX022546.D
Acq: 07 Jun 2021 20:01

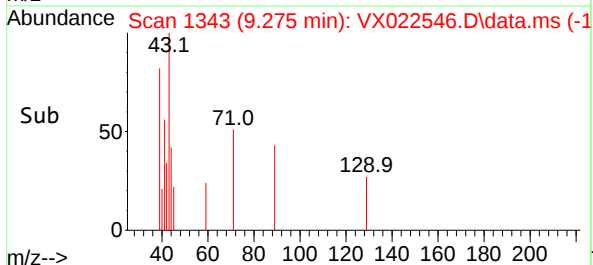
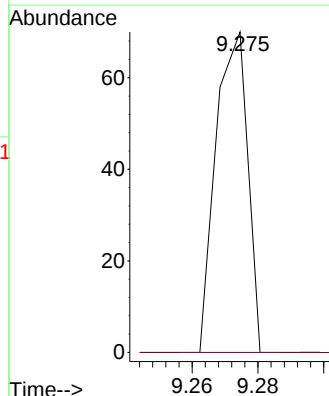
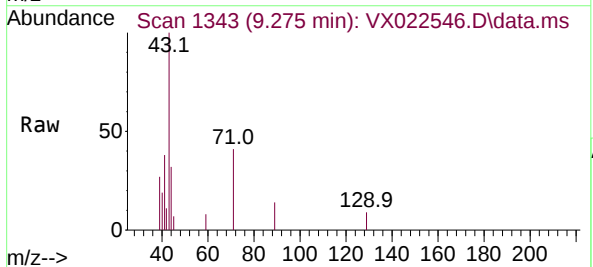
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#18

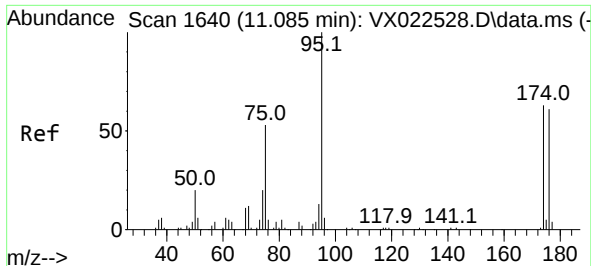
Tgt Ion: 43 Resp: 5086
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#60
Dibromochloromethane
Concen: 3.617 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX022546.D
Acq: 07 Jun 2021 20:01

Tgt Ion: 129 Resp: 47
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

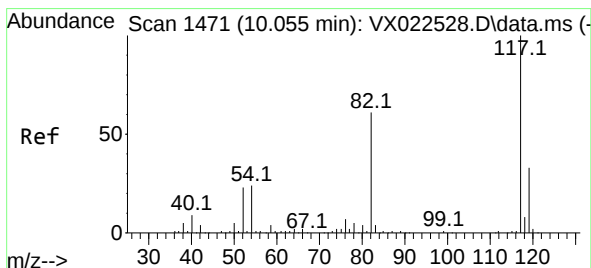
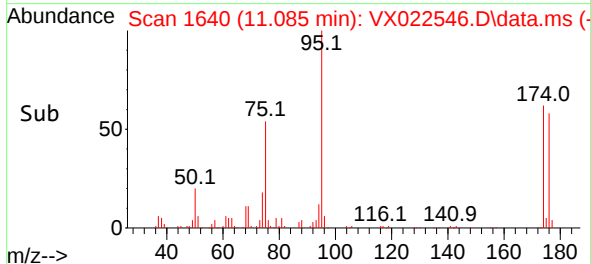
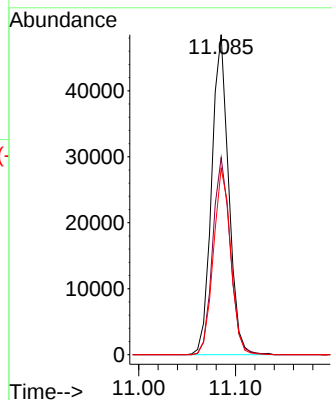
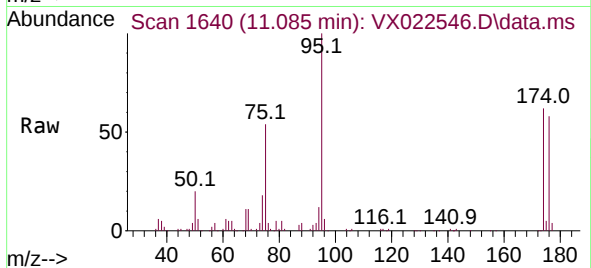




#62
4-Bromofluorobenzene
Concen: 47.507 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022546.D
Acq: 07 Jun 2021 20:01

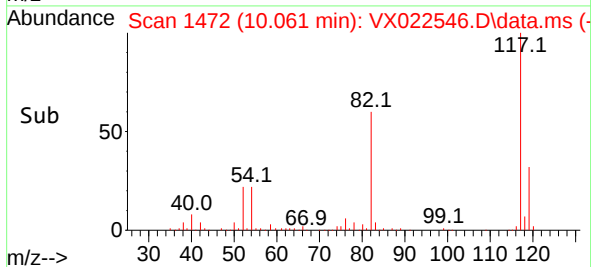
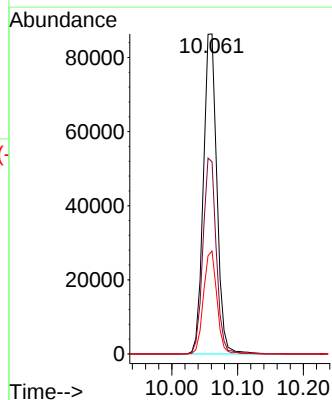
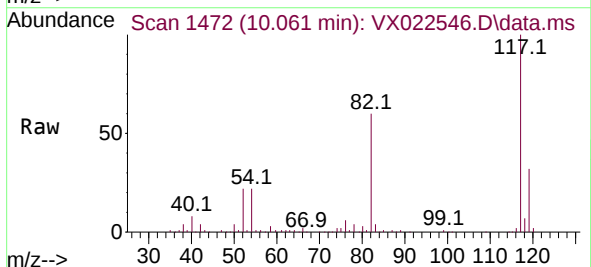
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#18

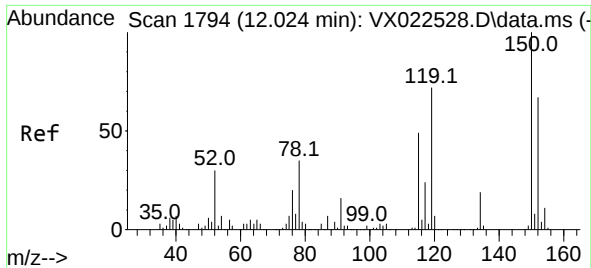
Tgt Ion: 95 Resp: 59115
Ion Ratio Lower Upper
95 100
174 63.4 0.0 154.6
176 59.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022546.D
Acq: 07 Jun 2021 20:01

Tgt Ion: 117 Resp: 123145
Ion Ratio Lower Upper
117 100
82 60.1 47.4 71.2
119 32.1 26.6 39.8

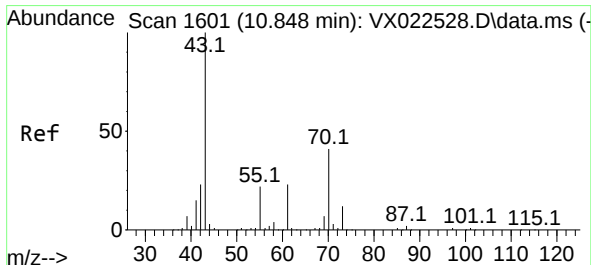
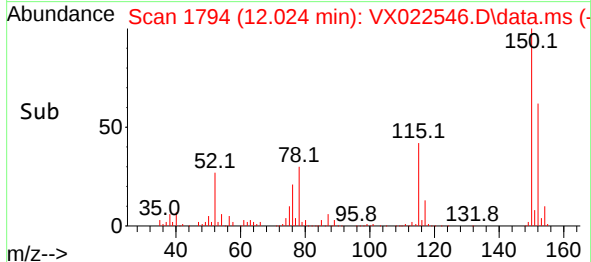
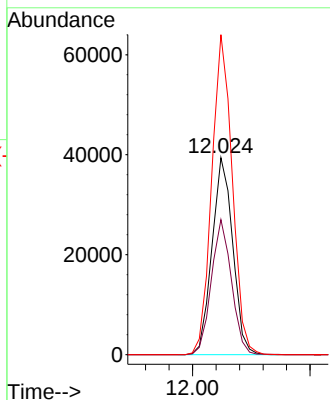
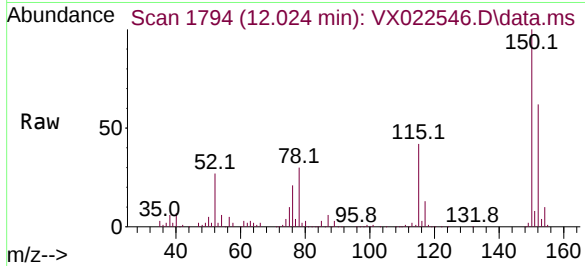




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022546.D
Acq: 07 Jun 2021 20:01

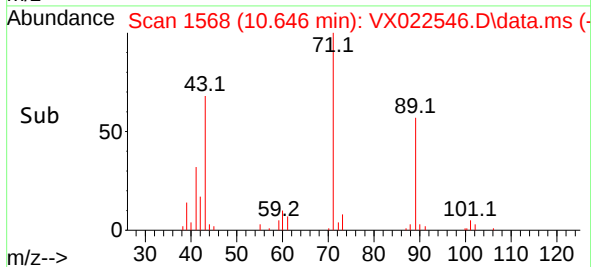
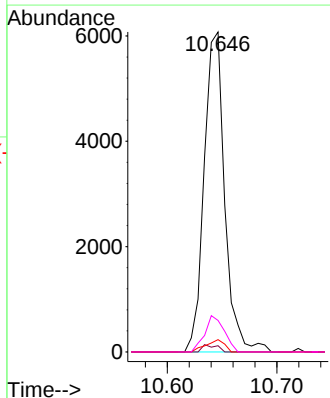
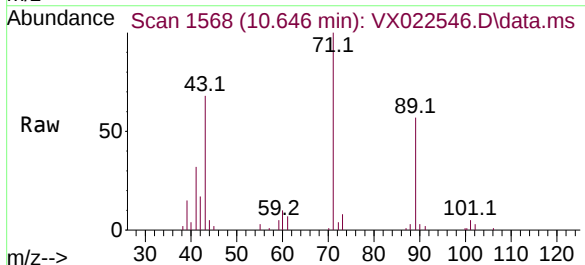
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#18

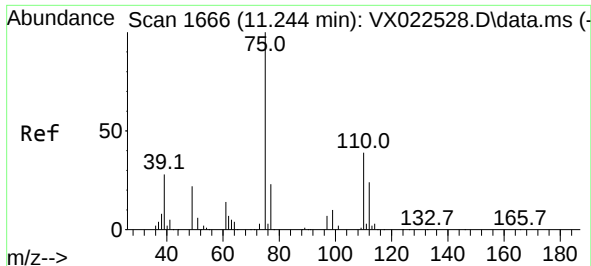
Tgt Ion:152 Resp: 48332
Ion Ratio Lower Upper
152 100
115 66.6 41.1 123.3
150 160.6 0.0 349.0



#74
N-ethyl acetate
Concen: 3.762 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.202 min
Lab File: VX022546.D
Acq: 07 Jun 2021 20:01

Tgt Ion: 43 Resp: 7951
Ion Ratio Lower Upper
43 100
70 1.6 39.0 58.6#
55 3.4 21.5 32.3#
61 10.7 22.1 33.1#

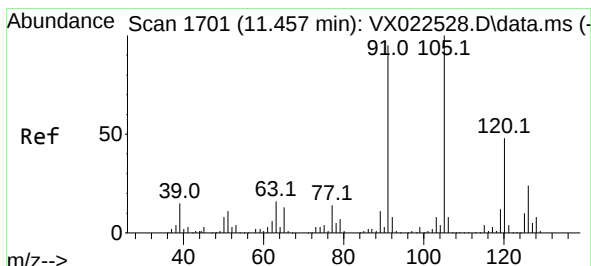
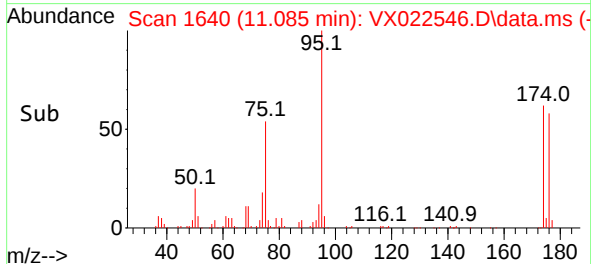
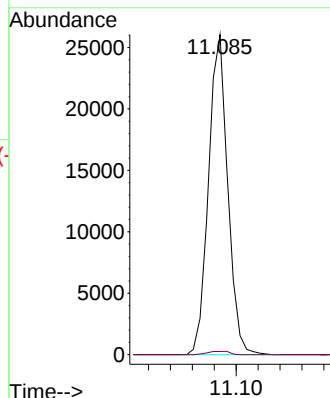
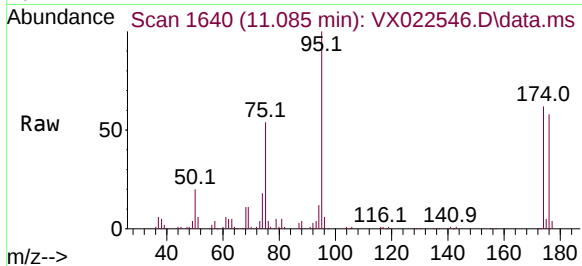




#76
1,2,3-Trichloropropane
Concen: 25.288 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022546.D
Acq: 07 Jun 2021 20:01

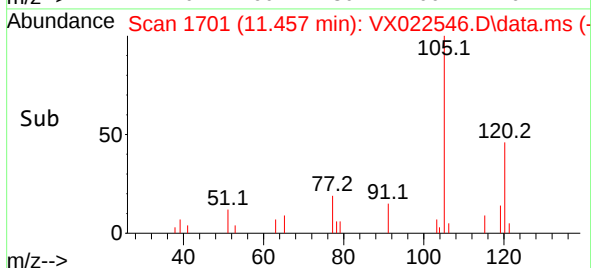
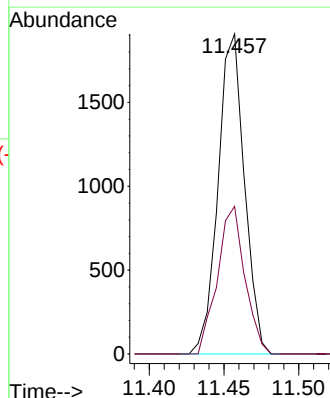
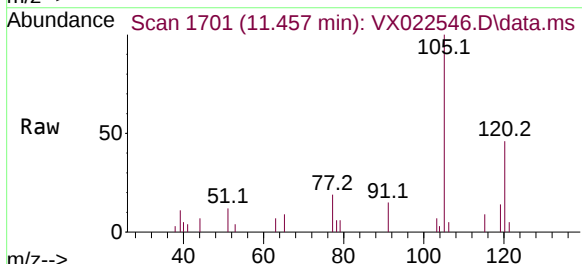
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#18

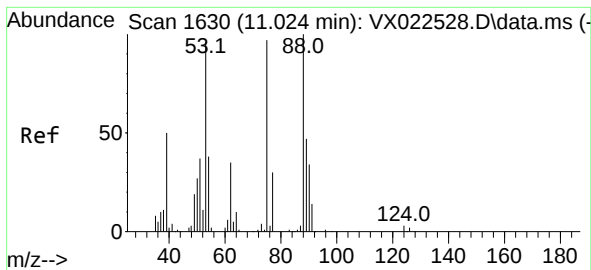
Tgt Ion: 75 Resp: 31663
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.696 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022546.D
Acq: 07 Jun 2021 20:01

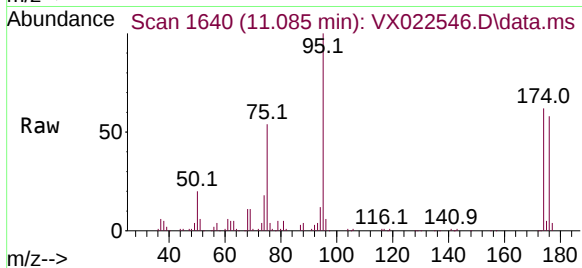
Tgt Ion: 105 Resp: 2342
Ion Ratio Lower Upper
105 100
120 47.9 23.8 71.5





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.512 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022546.D
 Acq: 07 Jun 2021 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136857ZHE#18



Tgt Ion: 75 Resp: 31663
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

