

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050622\
 Data File : VX028547.D
 Acq On : 06 May 2022 14:12
 Operator : JC/MD
 Sample : PB144610ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB144610ZHE#04

Quant Time: May 07 06:01:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

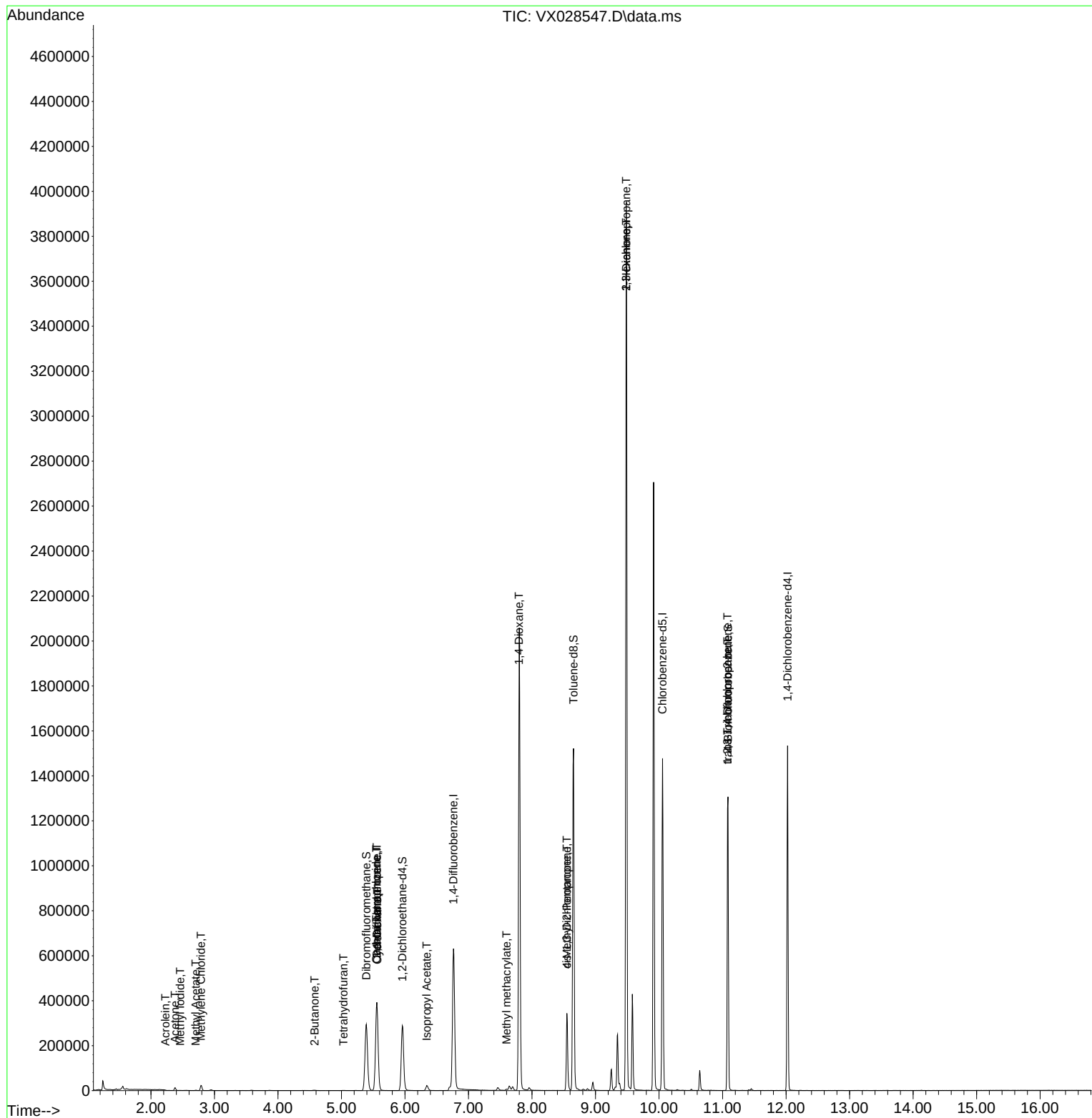
Internal Standards						
1) Pentafluorobenzene	5.556	168	382970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	668022	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	672251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	313115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	275318	55.135	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.280%			
35) Dibromofluoromethane	5.391	113	251982	53.787	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.580%			
50) Toluene-d8	8.653	98	933384	51.874	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.740%			
62) 4-Bromofluorobenzene	11.085	95	342005	49.711	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.420%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	446	Below Cal	#	78
5) Bromomethane	1.611	94	1099	Below Cal		97
6) Chloroethane	1.733	64	384	Below Cal	#	43
10) Methyl Iodide	2.459	142	757	5.394	ug/l #	79
11) Tert butyl alcohol	2.946	59	1782	Below Cal	#	72
13) Acrolein	2.227	56	161	0.263	ug/l #	73
16) Acetone	2.380	43	13315	7.375	ug/l	97
18) Methyl Acetate	2.703	43	2136	0.481	ug/l #	86
20) Methylene Chloride	2.788	84	10893	2.940	ug/l	98
25) 2-Butanone	4.574	43	2485	0.840	ug/l #	66
29) Tetrahydrofuran	5.032	42	681	0.353	ug/l #	71
31) Cyclohexane	5.562	56	7255	1.193	ug/l #	16
36) 1,1-Dichloropropene	5.556	75	27970	4.577	ug/l #	50
38) Carbon Tetrachloride	5.550	117	38024	5.512	ug/l #	15
43) Isopropyl Acetate	6.342	43	28880	2.862	ug/l	97
48) Methyl methacrylate	7.598	41	7535	1.626	ug/l #	7
49) 1,4-Dioxane	7.793	88	397	3.203	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	109300	16.878	ug/l #	45
54) cis-1,3-Dichloropropene	8.549	75	58961	7.826	ug/l #	66
57) 1,3-Dichloropropane	9.482	76	38198	4.687	ug/l #	43
59) 2-Hexanone	9.482	43	431052	85.930	ug/l #	45
76) 1,2,3-Trichloropropane	11.079	75	169668	27.533	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	169668	81.821	ug/l #	15

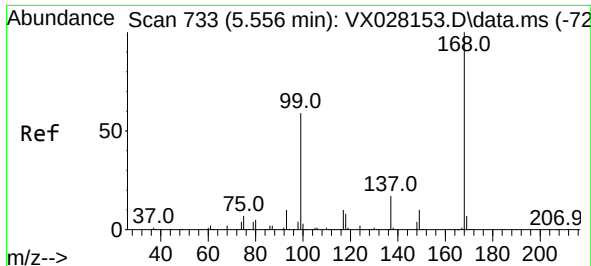
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050622\
Data File : VX028547.D
Acq On : 06 May 2022 14:12
Operator : JC/MD
Sample : PB144610ZHE#04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB144610ZHE#04

Quant Time: May 07 06:01:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration

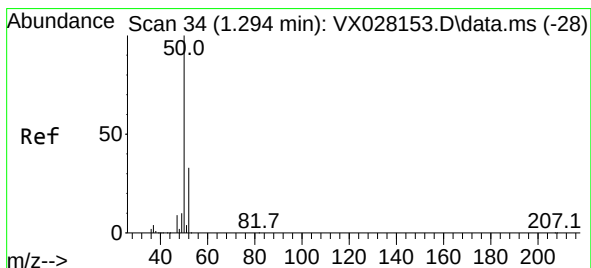
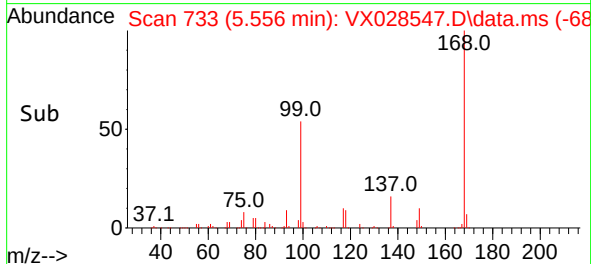
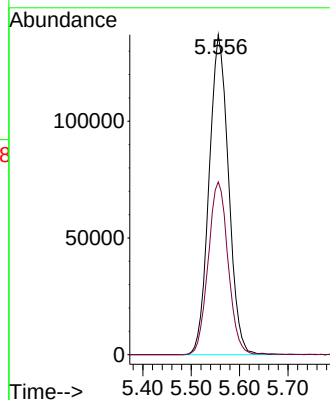
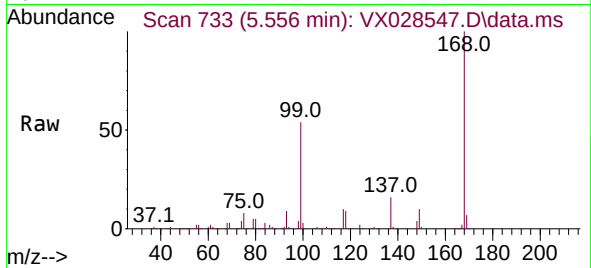




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028547.D
Acq: 06 May 2022 14:12

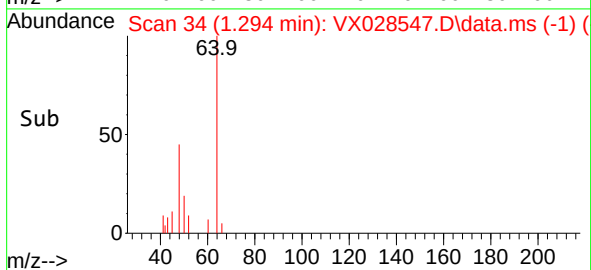
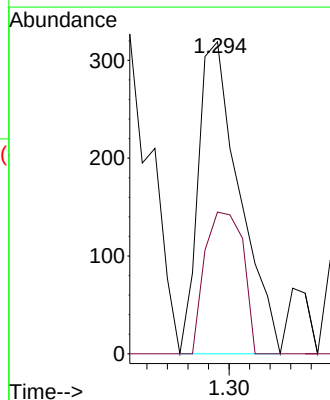
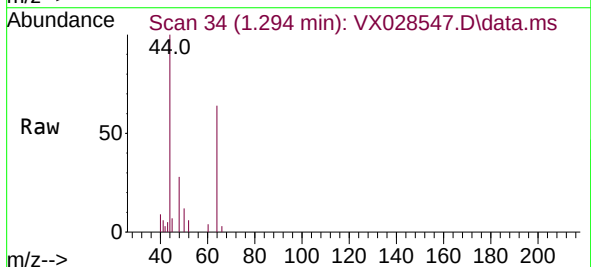
Instrument :
MSVOA_X
ClientSampleId :
PB144610ZHE#04

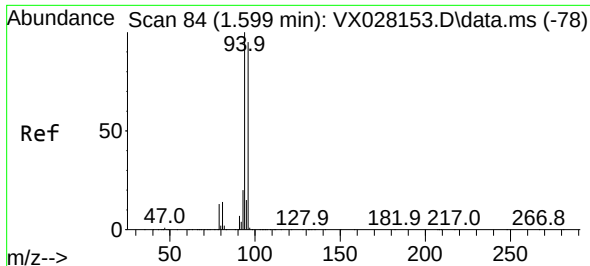
Tgt Ion:168 Resp: 382970
Ion Ratio Lower Upper
168 100
99 54.0 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028547.D
Acq: 06 May 2022 14:12

Tgt Ion: 50 Resp: 446
Ion Ratio Lower Upper
50 100
52 45.5 26.4 39.6#

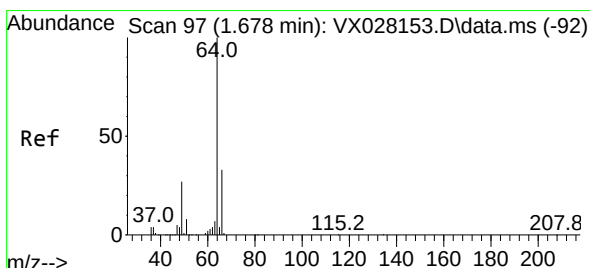
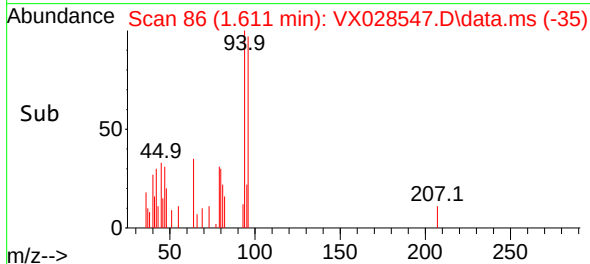
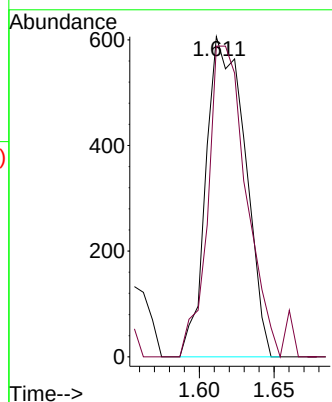
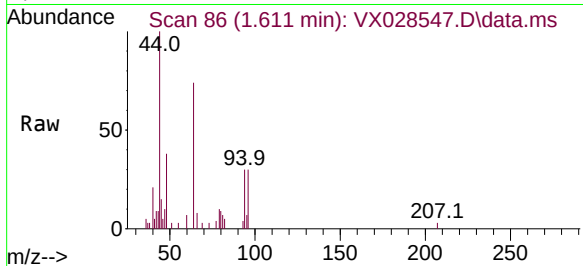




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX028547.D
Acq: 06 May 2022 14:12

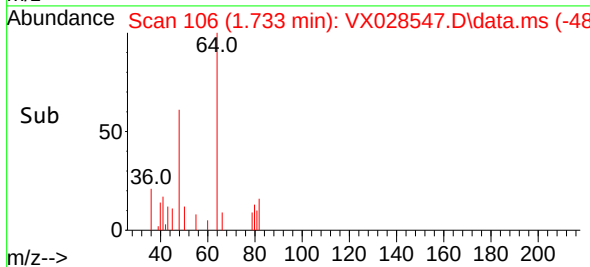
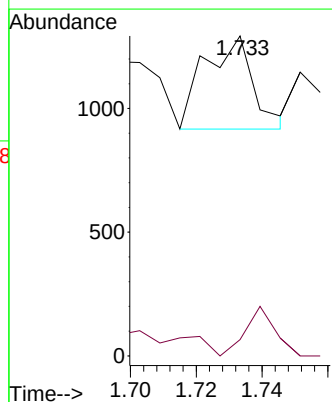
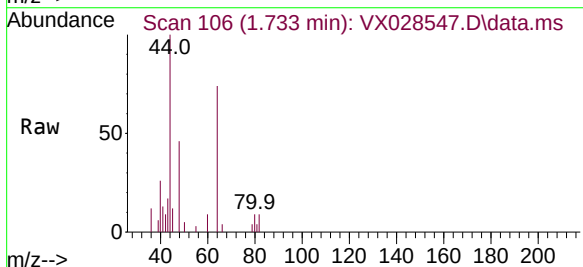
Instrument :
MSVOA_X
ClientSampleId :
PB144610ZHE#04

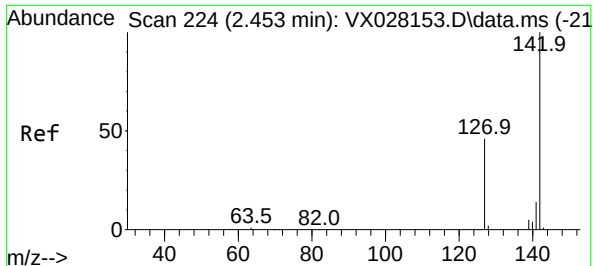
Tgt Ion: 94 Resp: 1099
Ion Ratio Lower Upper
94 100
96 97.0 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.733 min Scan# 106
Delta R.T. 0.055 min
Lab File: VX028547.D
Acq: 06 May 2022 14:12

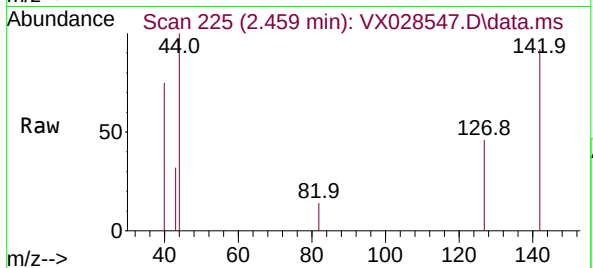
Tgt Ion: 64 Resp: 384
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



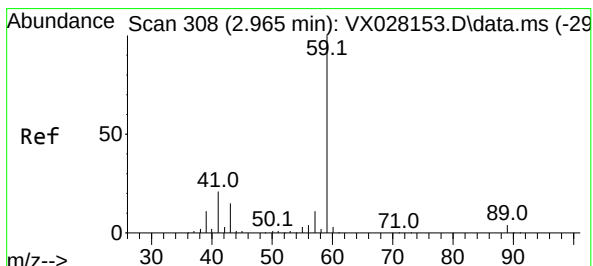
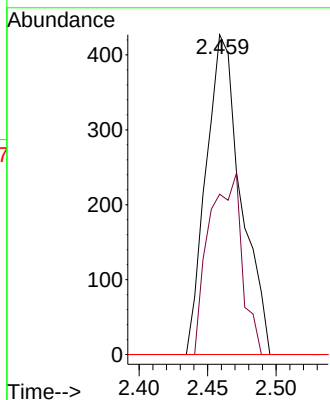
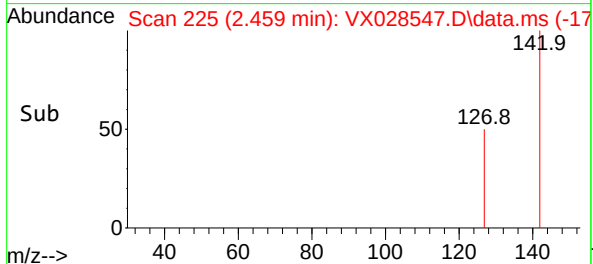


#10
Methyl Iodide
Concen: 5.394 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028547.D
Acq: 06 May 2022 14:12

Instrument :
MSVOA_X
ClientSampleId :
PB144610ZHE#04

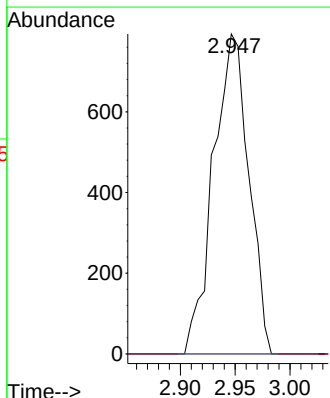
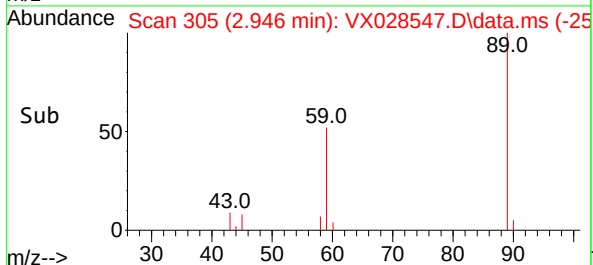
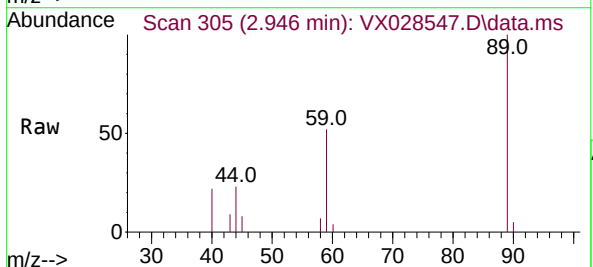


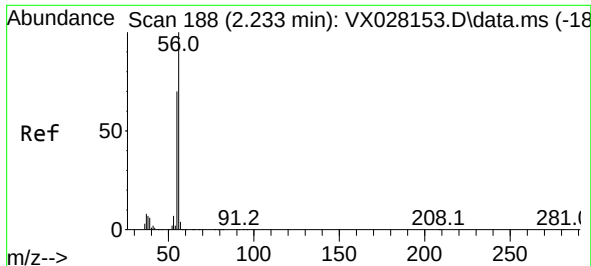
Tgt Ion:142 Resp: 757
Ion Ratio Lower Upper
142 100
127 53.1 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX028547.D
Acq: 06 May 2022 14:12

Tgt Ion: 59 Resp: 1782
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

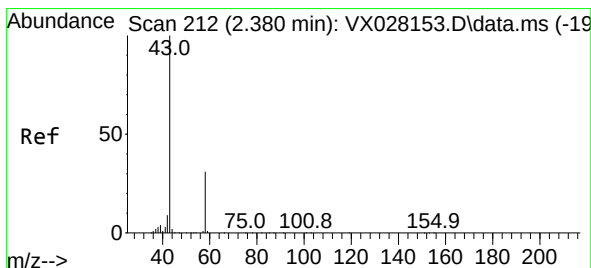
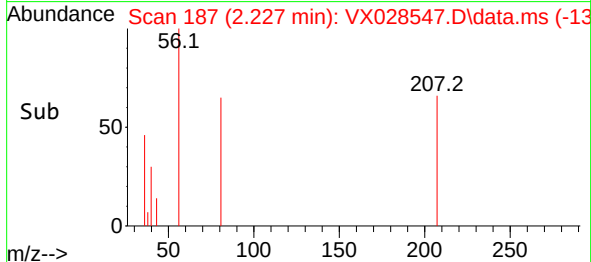
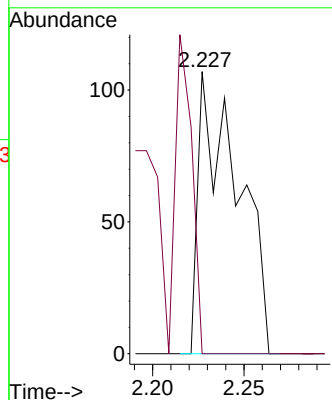
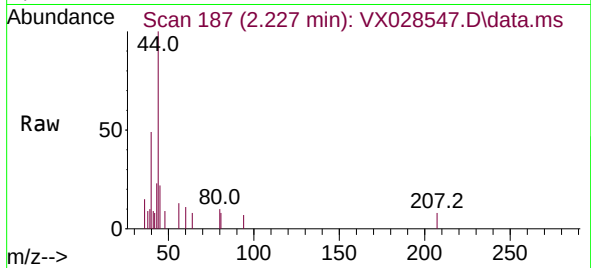




#13
Acrolein
Concen: 0.263 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028547.D
Acq: 06 May 2022 14:12

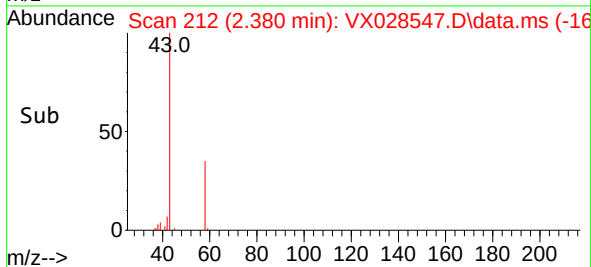
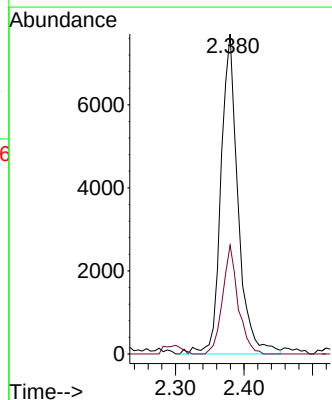
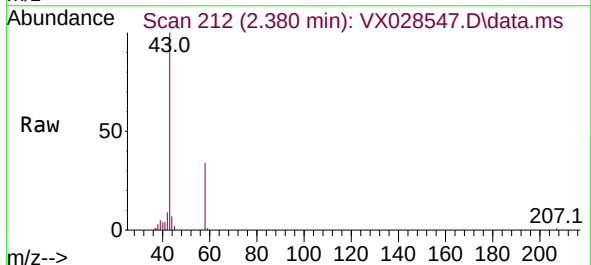
Instrument :
MSVOA_X
ClientSampleId :
PB144610ZHE#04

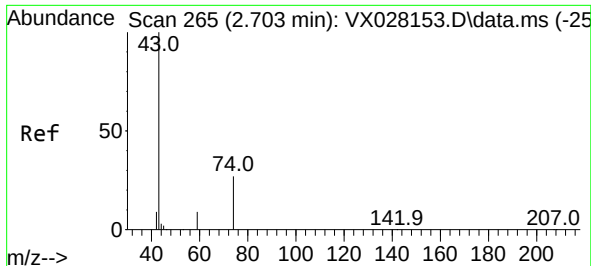
Tgt Ion: 56 Resp: 161
Ion Ratio Lower Upper
56 100
55 47.2 55.0 82.6#



#16
Acetone
Concen: 7.375 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028547.D
Acq: 06 May 2022 14:12

Tgt Ion: 43 Resp: 13315
Ion Ratio Lower Upper
43 100
58 34.0 28.8 43.2

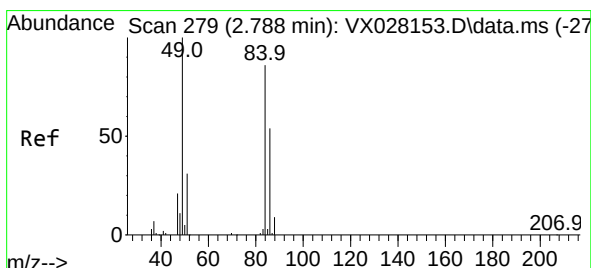
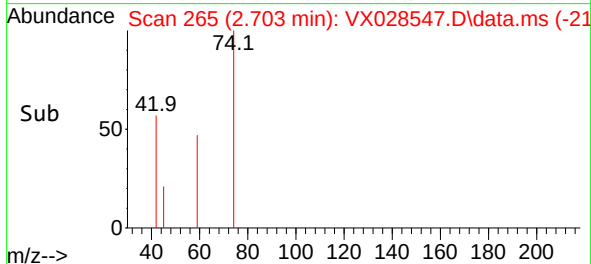
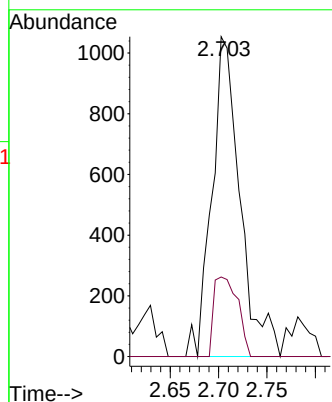
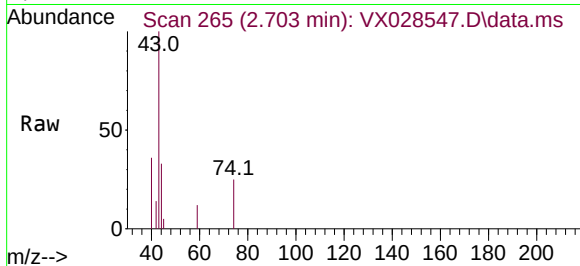




#18
Methyl Acetate
Concen: 0.481 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX028547.D
Acq: 06 May 2022 14:12

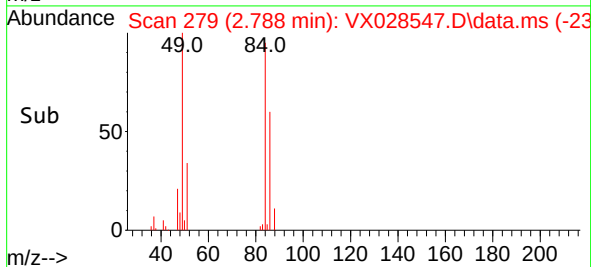
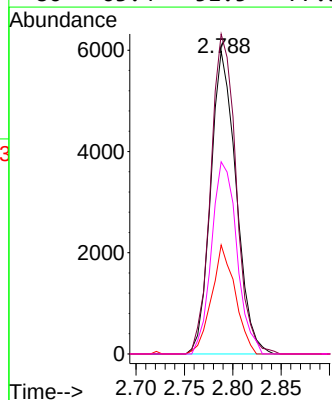
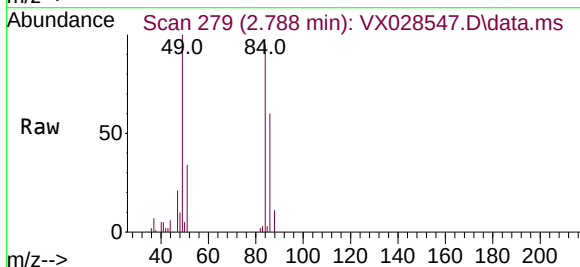
Instrument :
MSVOA_X
ClientSampleId :
PB144610ZHE#04

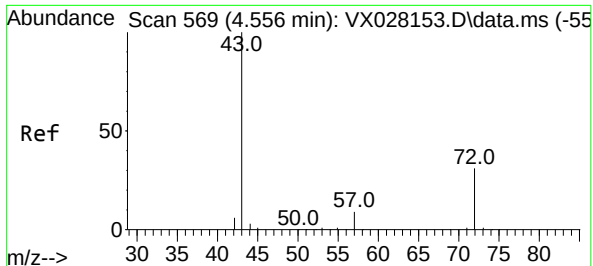
Tgt Ion: 43 Resp: 2136
Ion Ratio Lower Upper
43 100
74 21.1 22.8 34.2#



#20
Methylene Chloride
Concen: 2.940 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028547.D
Acq: 06 May 2022 14:12

Tgt Ion: 84 Resp: 10893
Ion Ratio Lower Upper
84 100
49 105.7 85.5 128.3
51 36.0 26.6 39.8
86 63.4 51.5 77.3

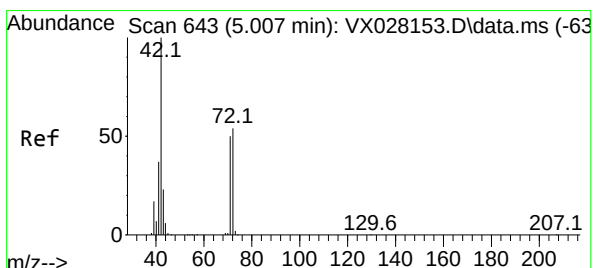
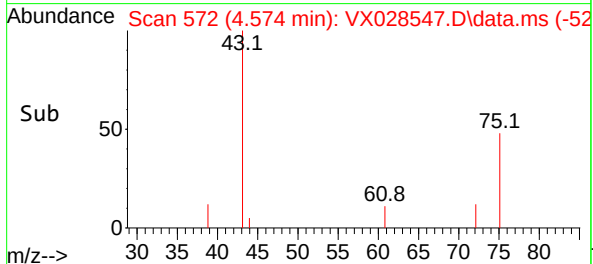
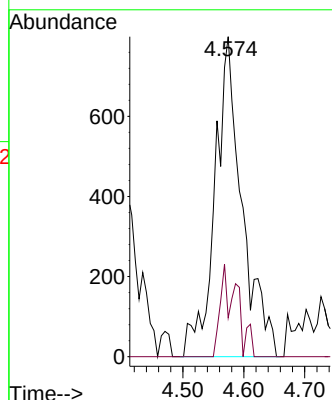
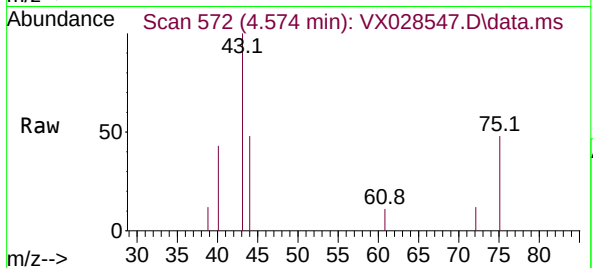




#25
2-Butanone
Concen: 0.840 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX028547.D
Acq: 06 May 2022 14:12

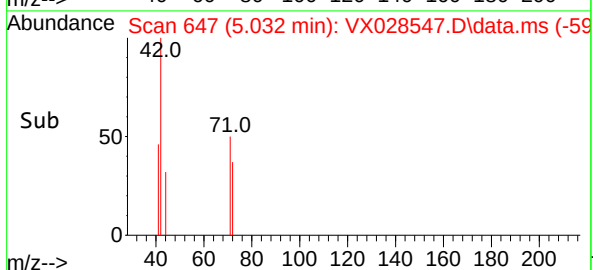
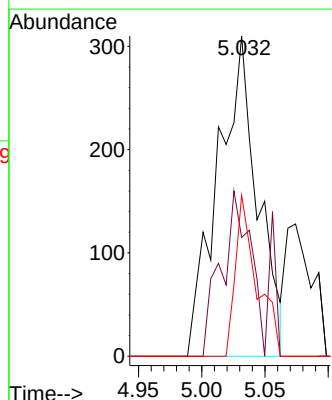
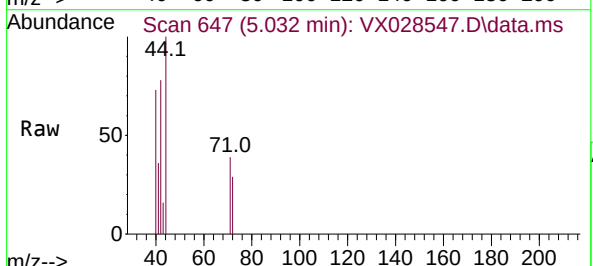
Instrument :
MSVOA_X
ClientSampleId :
PB144610ZHE#04

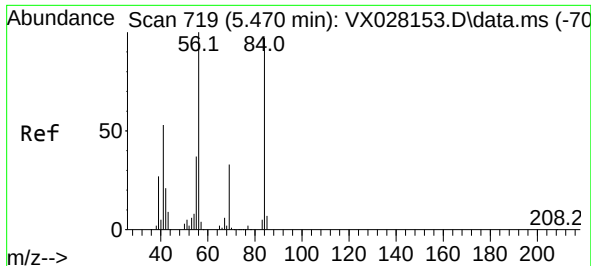
Tgt Ion: 43 Resp: 2485
Ion Ratio Lower Upper
43 100
72 12.1 24.4 36.6#



#29
Tetrahydrofuran
Concen: 0.353 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.025 min
Lab File: VX028547.D
Acq: 06 May 2022 14:12

Tgt Ion: 42 Resp: 681
Ion Ratio Lower Upper
42 100
72 37.9 44.1 66.1#
71 26.9 40.5 60.7#

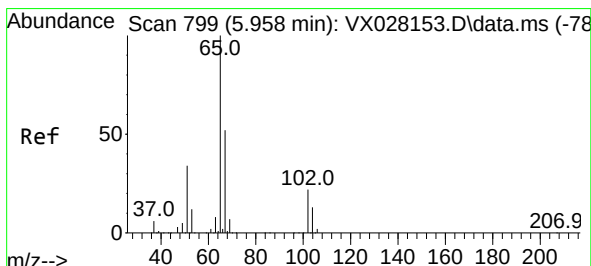
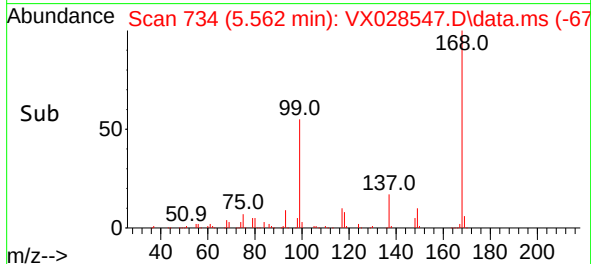
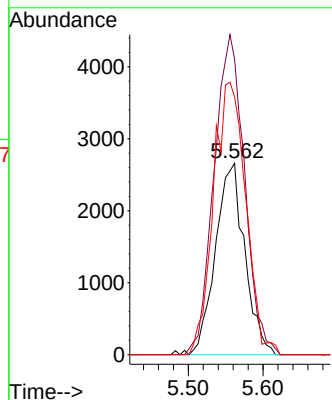
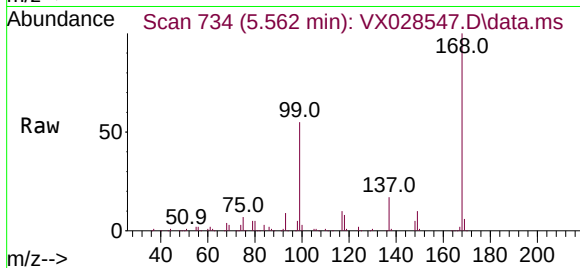




#31
Cyclohexane
Concen: 1.193 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX028547.D
Acq: 06 May 2022 14:12

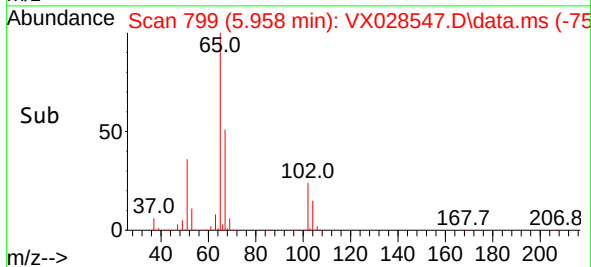
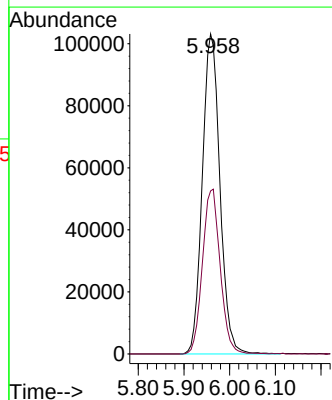
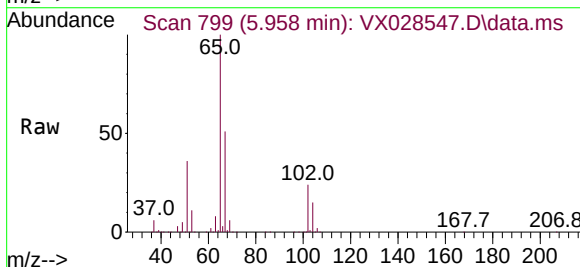
Instrument :
MSVOA_X
ClientSampleId :
PB144610ZHE#04

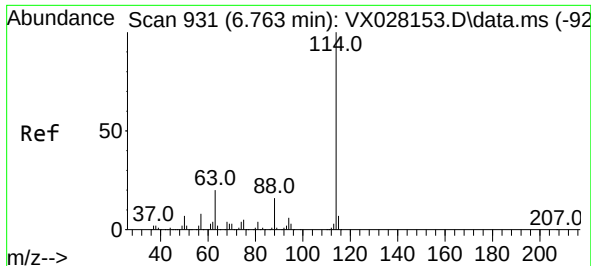
Tgt Ion: 56 Resp: 7255
Ion Ratio Lower Upper
56 100
69 154.4 26.7 40.1#
84 134.7 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 55.135 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028547.D
Acq: 06 May 2022 14:12

Tgt Ion: 65 Resp: 275318
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.4

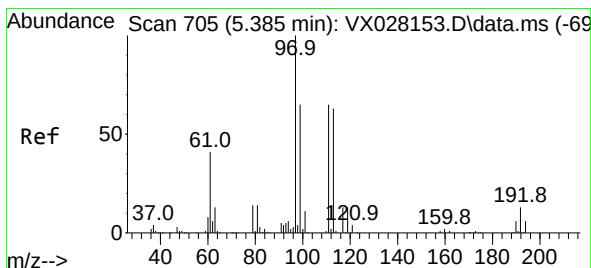
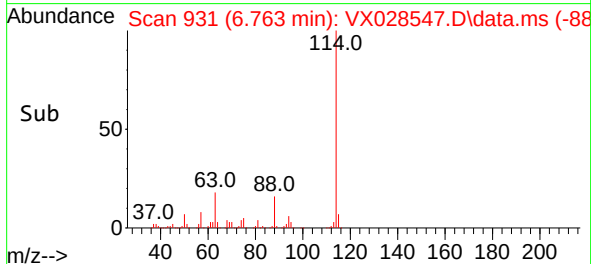
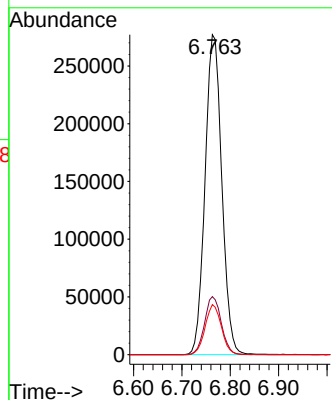
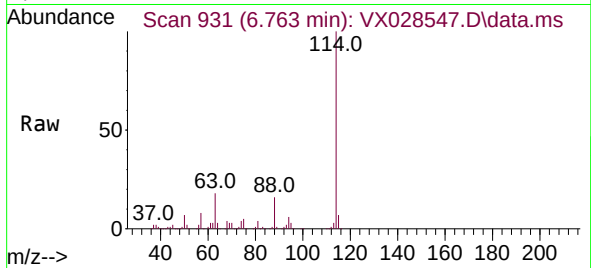




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028547.D
Acq: 06 May 2022 14:12

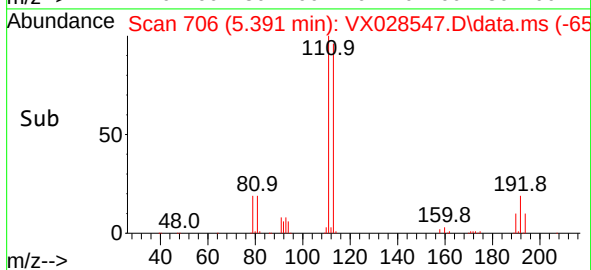
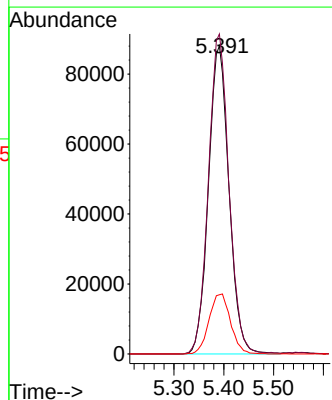
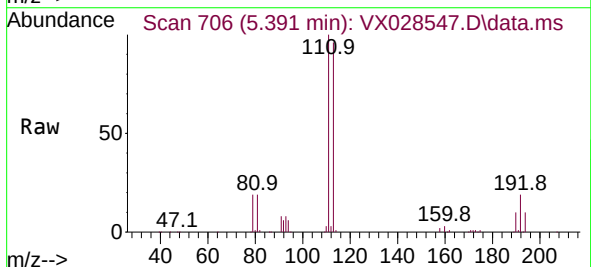
Instrument :
MSVOA_X
ClientSampleId :
PB144610ZHE#04

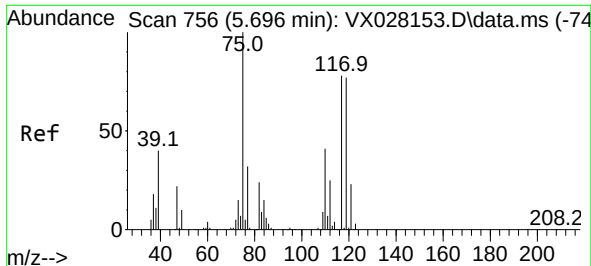
Tgt Ion:114 Resp: 668022
Ion Ratio Lower Upper
114 100
63 18.2 0.0 36.8
88 15.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 53.787 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028547.D
Acq: 06 May 2022 14:12

Tgt Ion:113 Resp: 251982
Ion Ratio Lower Upper
113 100
111 103.6 82.8 124.2
192 20.4 16.9 25.3

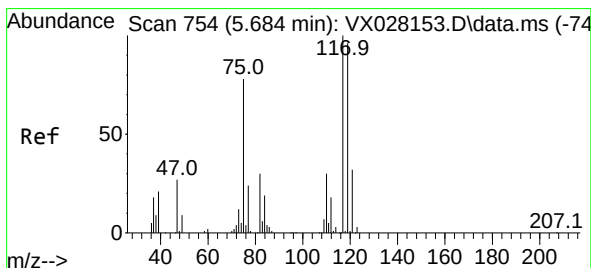
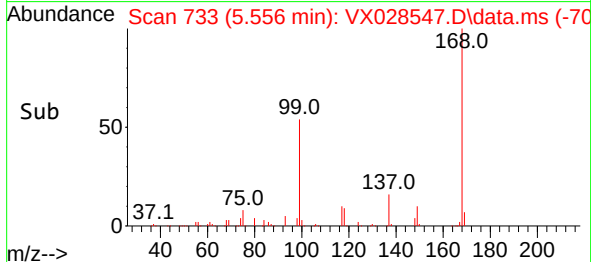
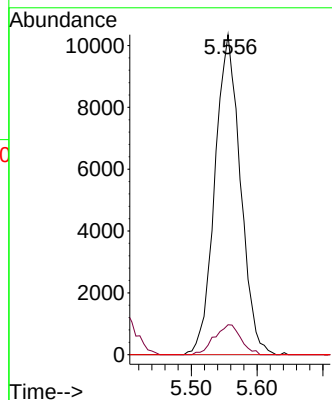
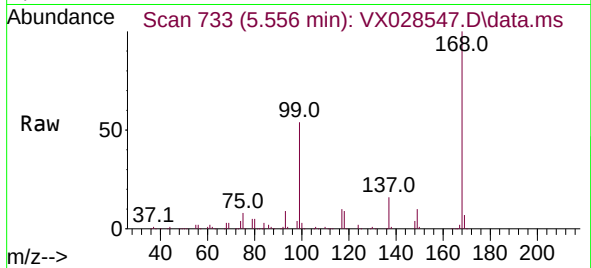




#36
1,1-Dichloropropene
Concen: 4.577 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX028547.D
Acq: 06 May 2022 14:12

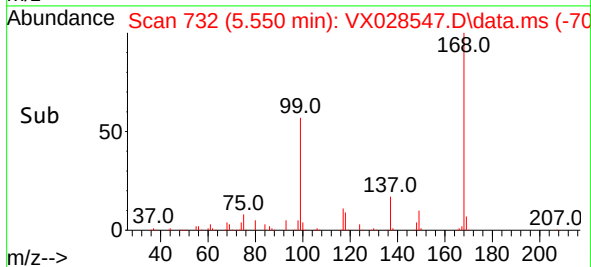
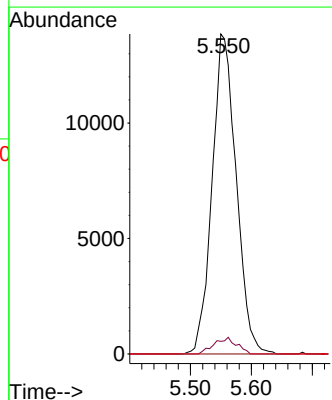
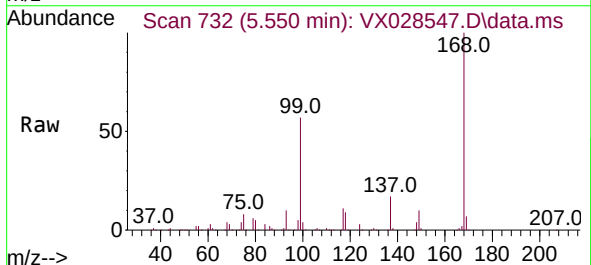
Instrument :
MSVOA_X
ClientSampleId :
PB144610ZHE#04

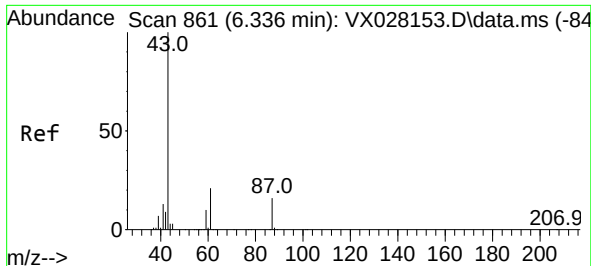
Tgt Ion: 75 Resp: 27970
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.512 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX028547.D
Acq: 06 May 2022 14:12

Tgt Ion: 117 Resp: 38024
Ion Ratio Lower Upper
117 100
119 4.0 77.3 115.9#
121 0.0 24.2 36.2#

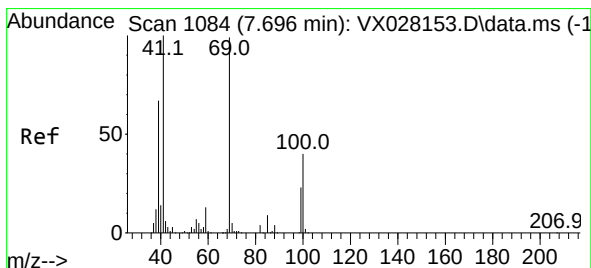
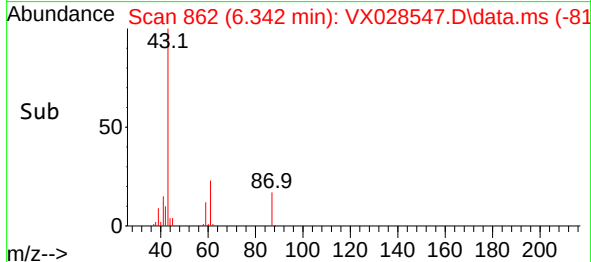
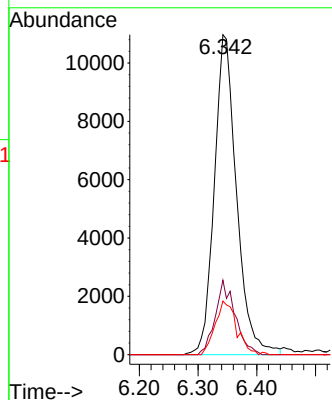
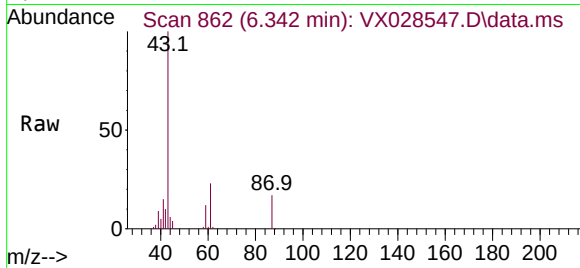




#43
Isopropyl Acetate
Concen: 2.862 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX028547.D
Acq: 06 May 2022 14:12

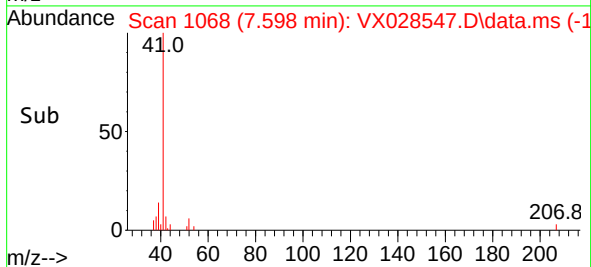
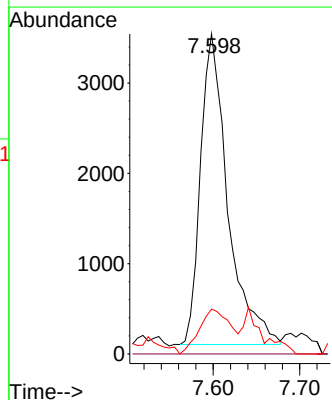
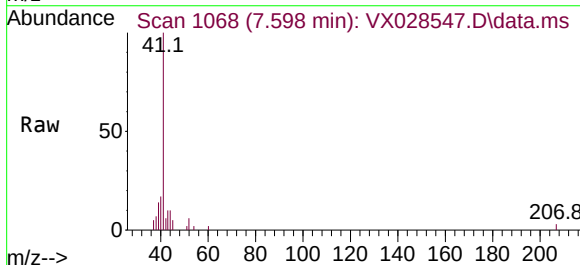
Instrument :
MSVOA_X
ClientSampleId :
PB144610ZHE#04

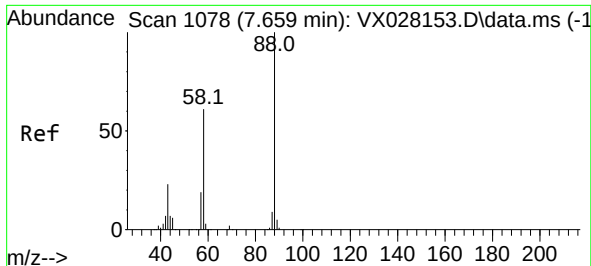
Tgt Ion: 43 Resp: 28880
Ion Ratio Lower Upper
43 100
61 20.8 18.5 27.7
87 16.1 13.0 19.6



#48
Methyl methacrylate
Concen: 1.626 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX028547.D
Acq: 06 May 2022 14:12

Tgt Ion: 41 Resp: 7535
Ion Ratio Lower Upper
41 100
69 0.0 82.5 123.7#
39 0.0 43.8 65.8#





#49

1,4-Dioxane

Concen: 3.203 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.134 min

Lab File: VX028547.D

Acq: 06 May 2022 14:12

Instrument :

MSVOA_X

ClientSampleId :

PB144610ZHE#04

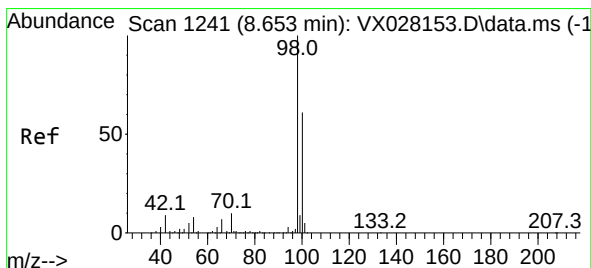
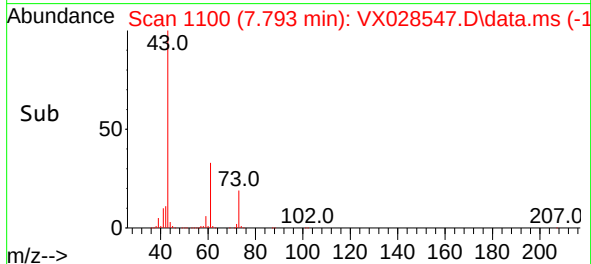
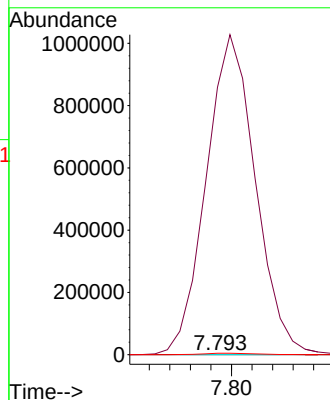
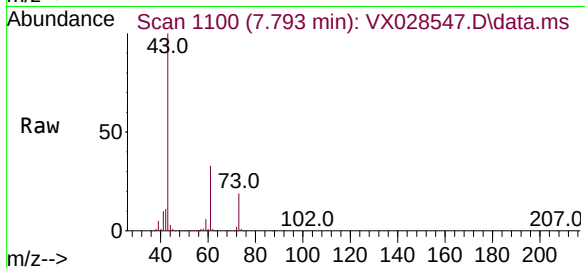
Tgt Ion: 88 Resp: 397

Ion Ratio Lower Upper

88 100

43 433974.6 21.9 32.9#

58 2079.1 53.7 80.5#



#50

Toluene-d8

Concen: 51.874 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX028547.D

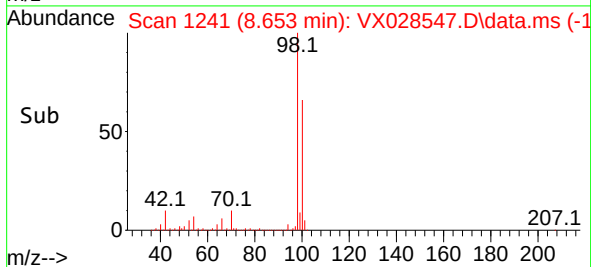
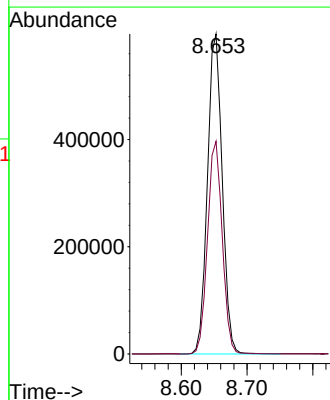
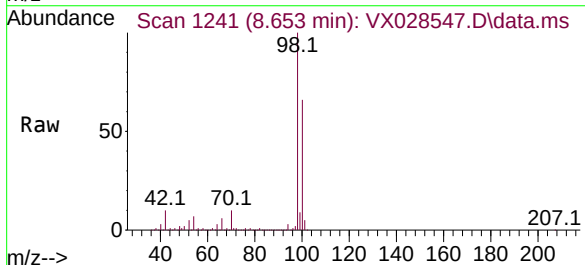
Acq: 06 May 2022 14:12

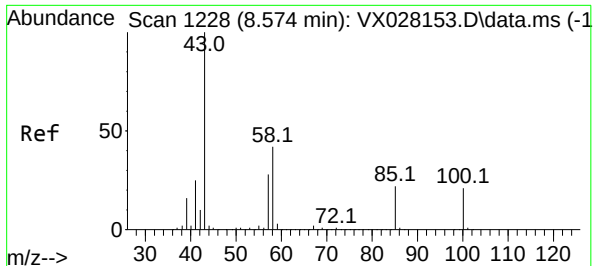
Tgt Ion: 98 Resp: 933384

Ion Ratio Lower Upper

98 100

100 66.3 52.6 78.8

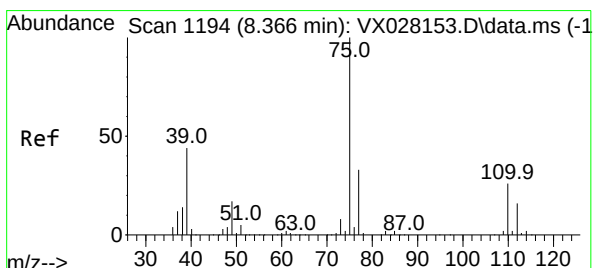
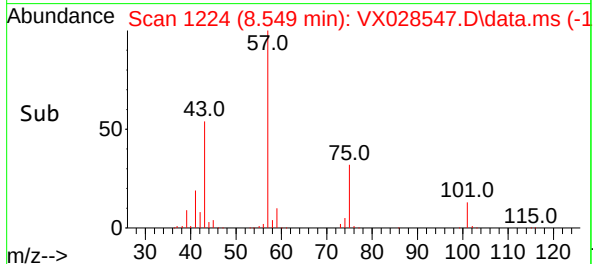
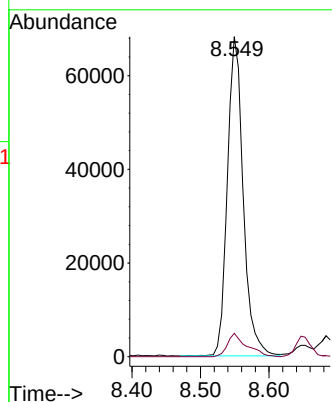
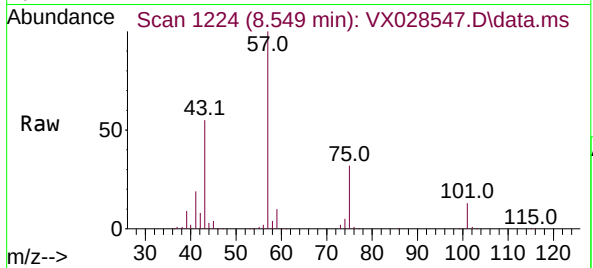




#51
4-Methyl-2-Pentanone
Concen: 16.878 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX028547.D
Acq: 06 May 2022 14:12

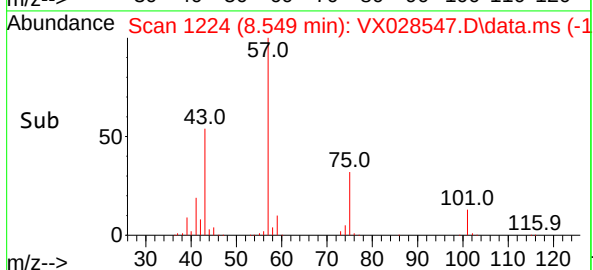
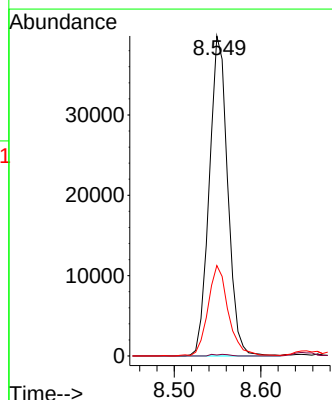
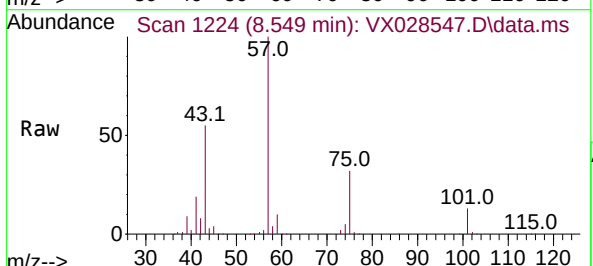
Instrument :
MSVOA_X
ClientSampleId :
PB144610ZHE#04

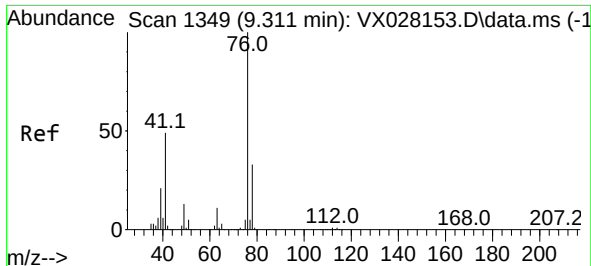
Tgt Ion: 43 Resp: 109300
Ion Ratio Lower Upper
43 100
58 8.9 36.1 54.1#



#54
cis-1,3-Dichloropropene
Concen: 7.826 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX028547.D
Acq: 06 May 2022 14:12

Tgt Ion: 75 Resp: 58961
Ion Ratio Lower Upper
75 100
77 0.3 24.8 37.2#
39 28.1 29.6 44.4#





#57

1,3-Dichloropropane

Concen: 4.687 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX028547.D

Acq: 06 May 2022 14:12

Instrument :

MSVOA_X

ClientSampleId :

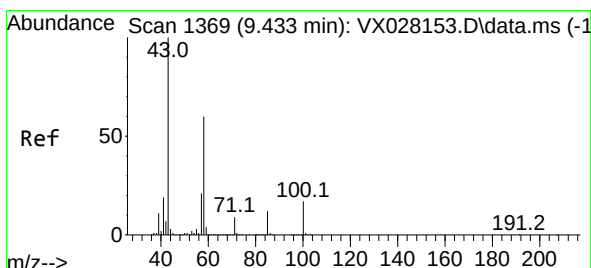
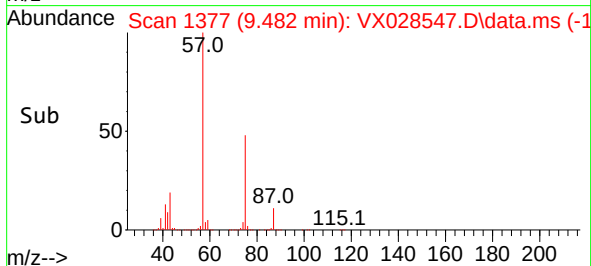
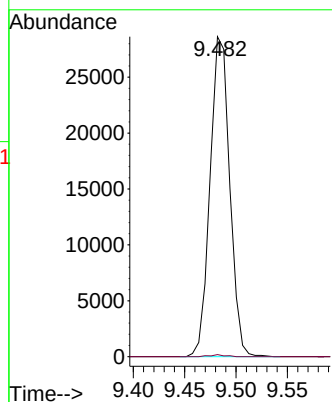
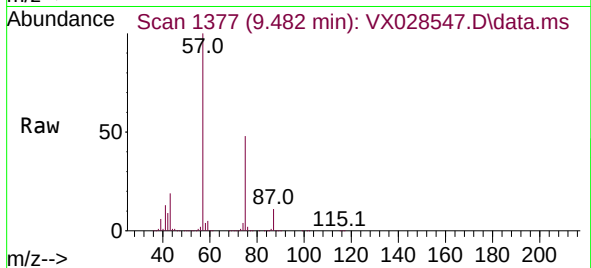
PB144610ZHE#04

Tgt Ion: 76 Resp: 38198

Ion Ratio Lower Upper

76 100

78 0.5 25.8 38.8#



#59

2-Hexanone

Concen: 85.930 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX028547.D

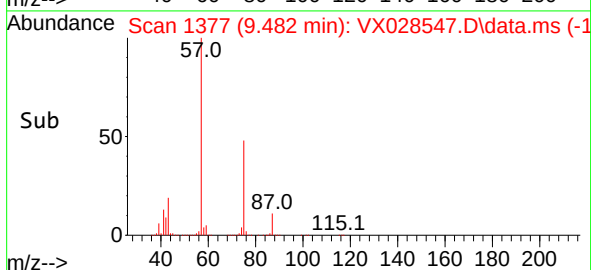
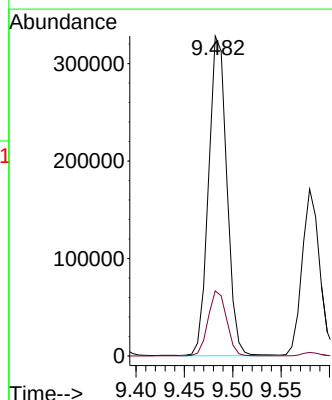
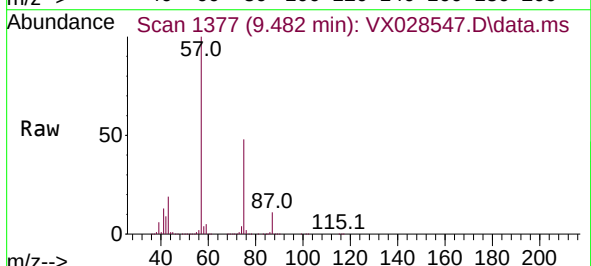
Acq: 06 May 2022 14:12

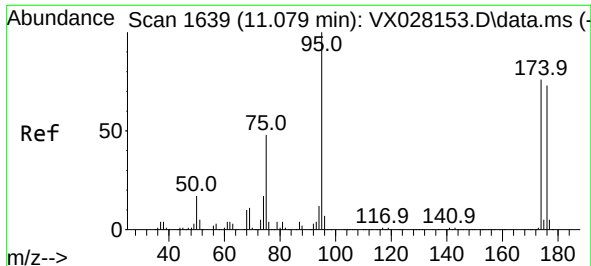
Tgt Ion: 43 Resp: 431052

Ion Ratio Lower Upper

43 100

58 20.5 31.9 95.7#

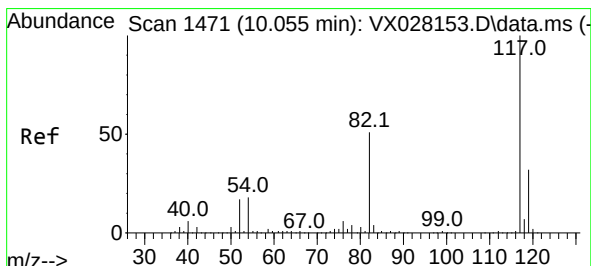
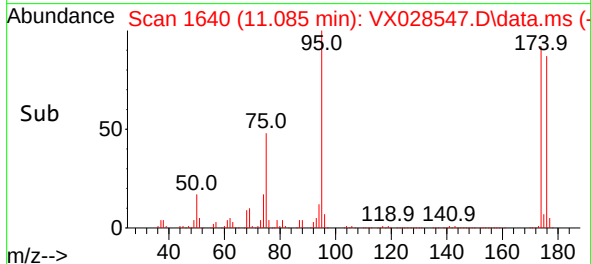
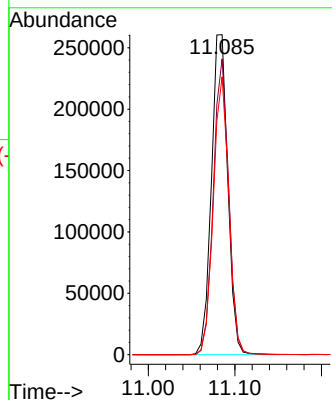
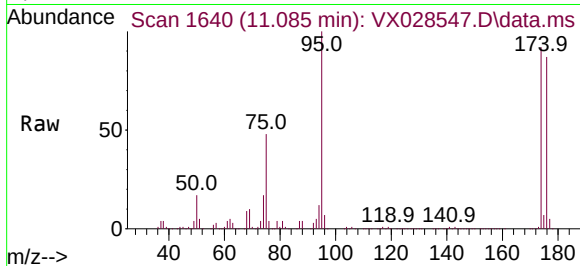




#62
4-Bromofluorobenzene
Concen: 49.711 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028547.D
Acq: 06 May 2022 14:12

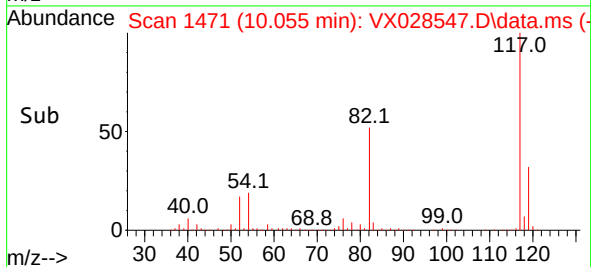
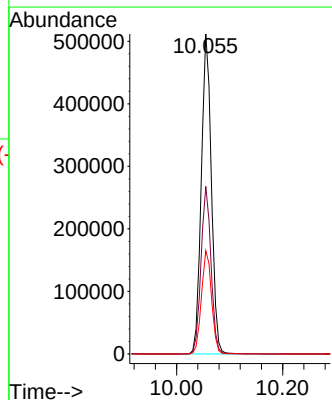
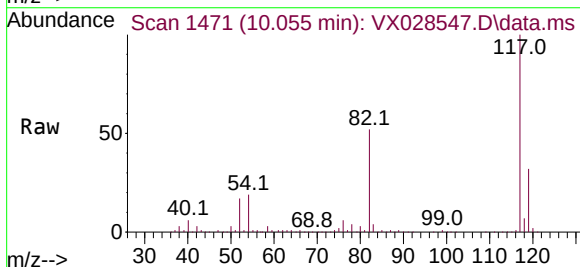
Instrument :
MSVOA_X
ClientSampleId :
PB144610ZHE#04

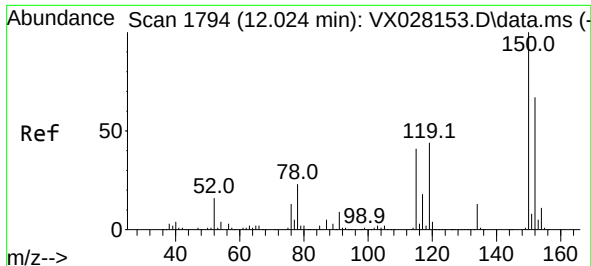
Tgt Ion: 95 Resp: 342005
Ion Ratio Lower Upper
95 100
174 87.2 0.0 163.0
176 82.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028547.D
Acq: 06 May 2022 14:12

Tgt Ion: 117 Resp: 672251
Ion Ratio Lower Upper
117 100
82 52.4 41.8 62.8
119 32.3 24.8 37.2

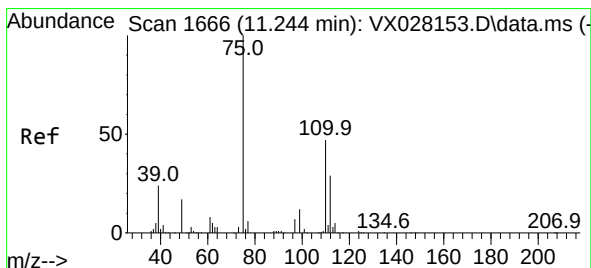
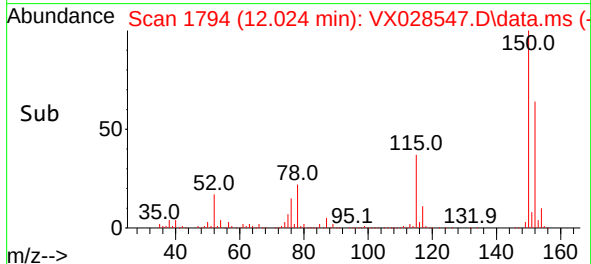
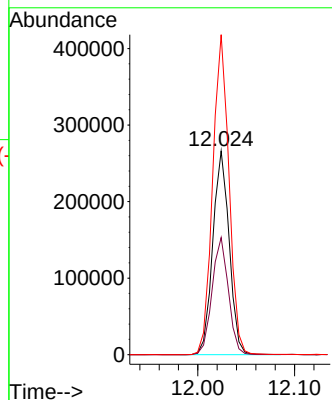
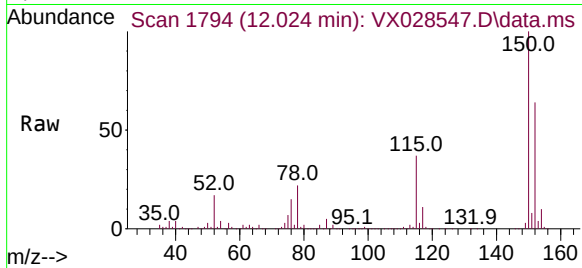




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028547.D
 Acq: 06 May 2022 14:12

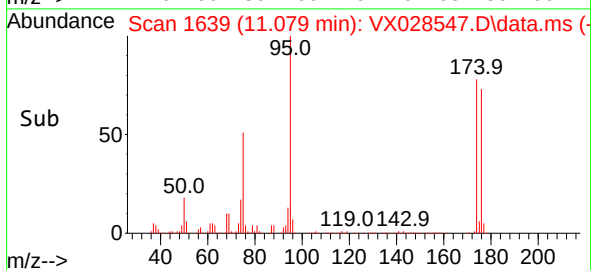
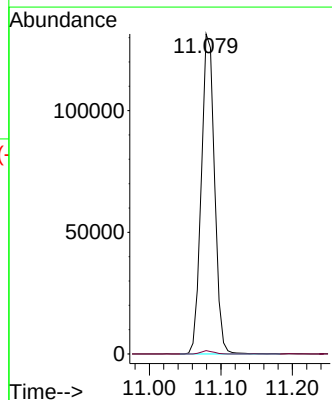
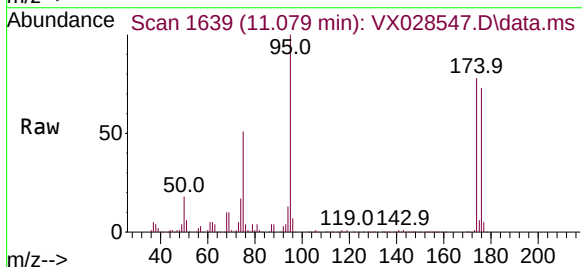
Instrument :
 MSVOA_X
 ClientSampleId :
 PB144610ZHE#04

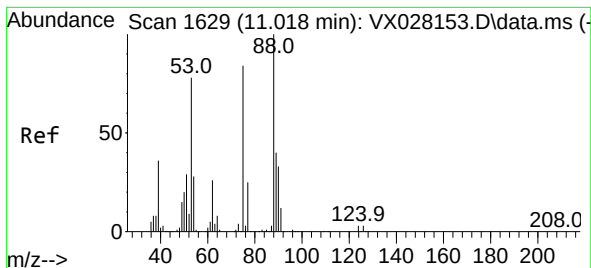
Tgt Ion:152 Resp: 313115
 Ion Ratio Lower Upper
 152 100
 115 57.2 37.5 112.7
 150 156.6 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 27.533 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX028547.D
 Acq: 06 May 2022 14:12

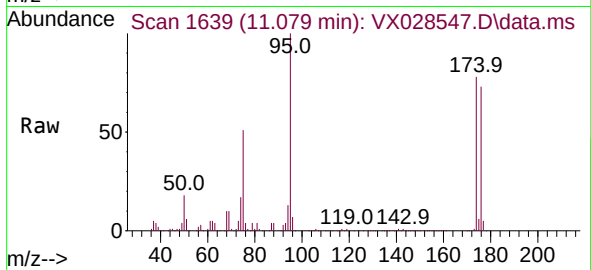
Tgt Ion: 75 Resp: 169668
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.821 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX028547.D
 Acq: 06 May 2022 14:12

Instrument :
 MSVOA_X
 ClientSampleId :
 PB144610ZHE#04



Tgt Ion: 75 Resp: 169668
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

