

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101322\
 Data File : VX032114.D
 Acq On : 13 Oct 2022 16:36
 Operator : JC/MD
 Sample : PB148305TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB148305TB

Quant Time: Oct 14 07:52:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

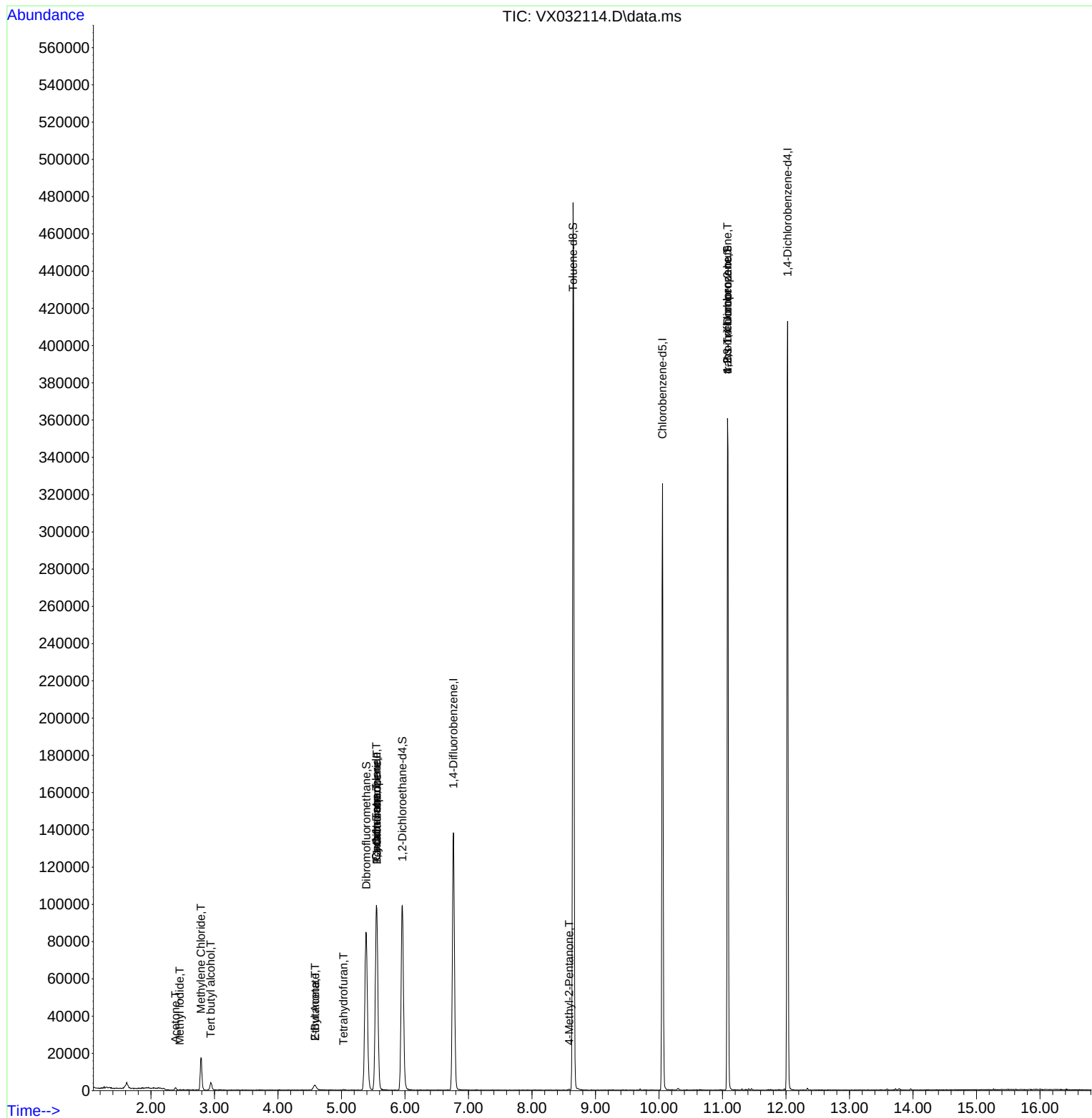
Internal Standards						
1) Pentafluorobenzene	5.556	168	90127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	134714	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98598	52.972	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.940%
35) Dibromofluoromethane	5.391	113	73362	48.110	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.220%
50) Toluene-d8	8.647	98	270238	49.250	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.500%
62) 4-Bromofluorobenzene	11.079	95	94110	48.515	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.020%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	381	Below Cal		83
10) Methyl Iodide	2.453	142	381	2.992	ug/l #	77
11) Tert butyl alcohol	2.941	59	2526	10.908	ug/l #	73
16) Acetone	2.386	43	1549	2.449	ug/l	94
20) Methylene Chloride	2.788	84	8053	4.844	ug/l	92
25) 2-Butanone	4.587	43	953	0.964	ug/l #	49
29) Tetrahydrofuran	5.032	42	354	0.555	ug/l #	37
31) Cyclohexane	5.550	56	2330	1.048	ug/l #	19
36) 1,1-Dichloropropene	5.556	75	7980	3.946	ug/l #	50
37) Ethyl Acetate	4.587	43	953	0.501	ug/l #	71
38) Carbon Tetrachloride	5.550	117	9737	4.709	ug/l #	19
51) 4-Methyl-2-Pentanone	8.586	43	430	0.225	ug/l #	79
76) 1,2,3-Trichloropropane	11.079	75	52708	31.561	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	52708	107.540	ug/l #	11

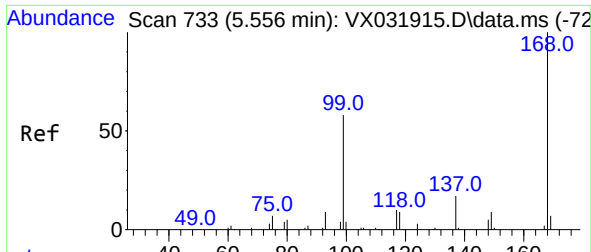
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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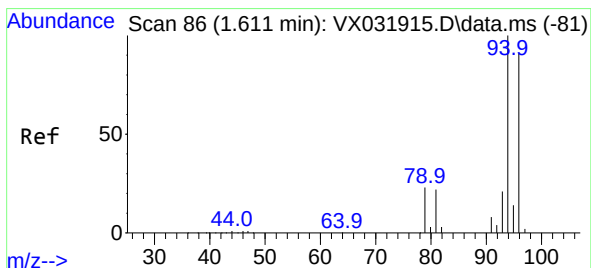
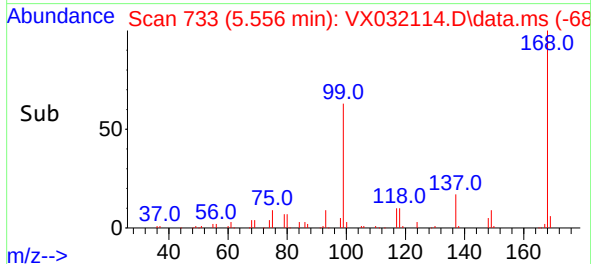
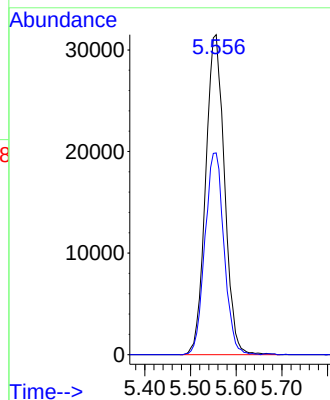
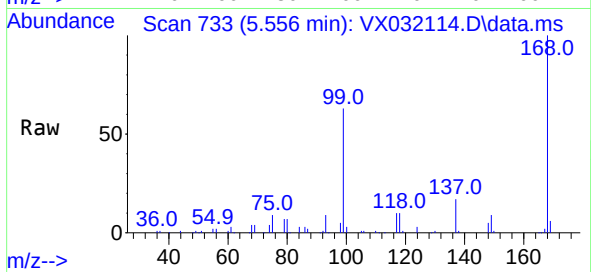




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX032114.D
Acq: 13 Oct 2022 16:36

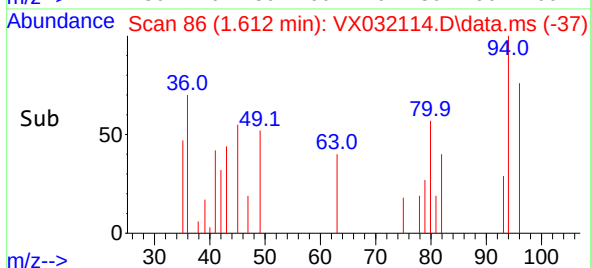
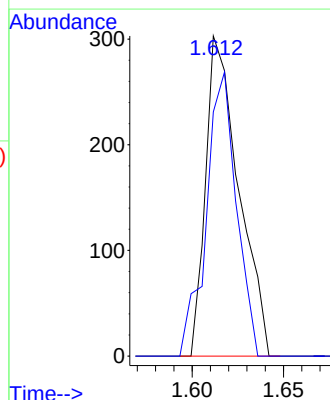
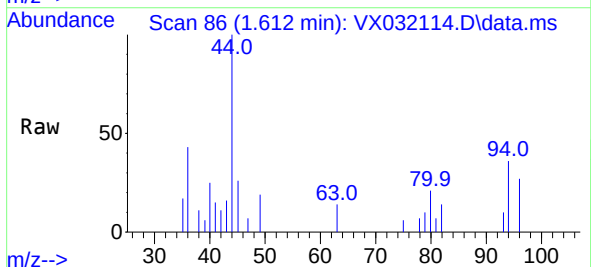
Instrument :
MSVOA_X
ClientSampleId :
PB148305TB

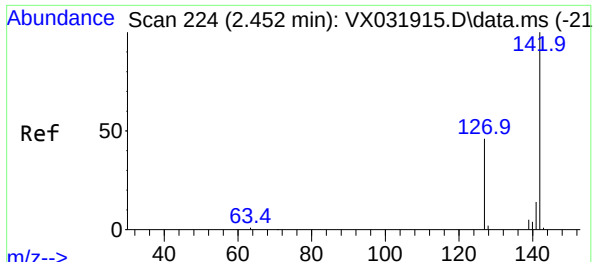
Tgt Ion:168 Resp: 90127
Ion Ratio Lower Upper
168 100
99 63.0 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.001 min
Lab File: VX032114.D
Acq: 13 Oct 2022 16:36

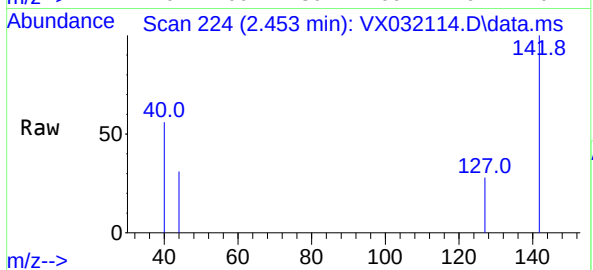
Tgt Ion: 94 Resp: 381
Ion Ratio Lower Upper
94 100
96 76.2 74.4 111.6



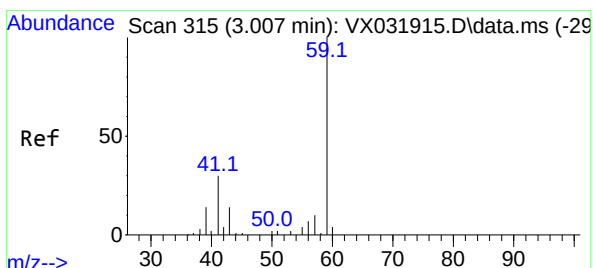
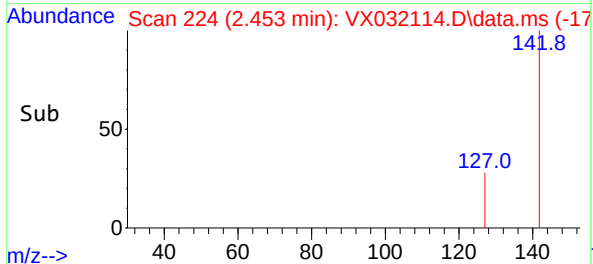
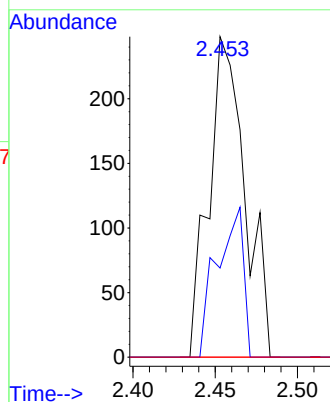


#10
Methyl Iodide
Concen: 2.992 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX032114.D
Acq: 13 Oct 2022 16:36

Instrument :
MSVOA_X
ClientSampleId :
PB148305TB

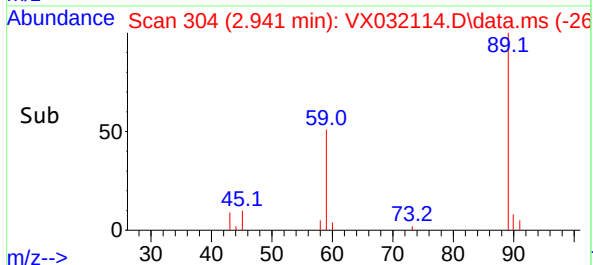
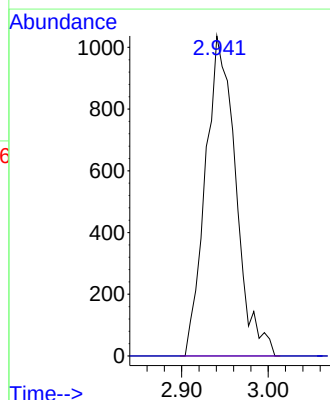
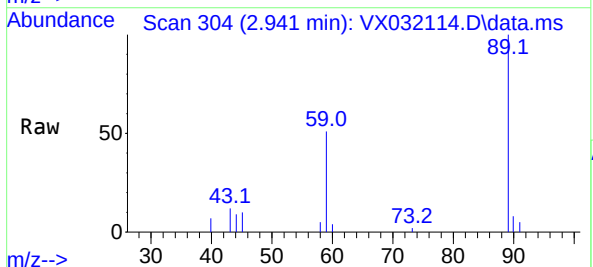


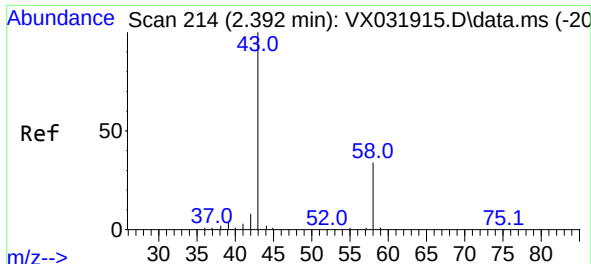
Tgt Ion:142 Resp: 381
Ion Ratio Lower Upper
142 100
127 34.1 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 10.908 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.066 min
Lab File: VX032114.D
Acq: 13 Oct 2022 16:36

Tgt Ion: 59 Resp: 2526
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

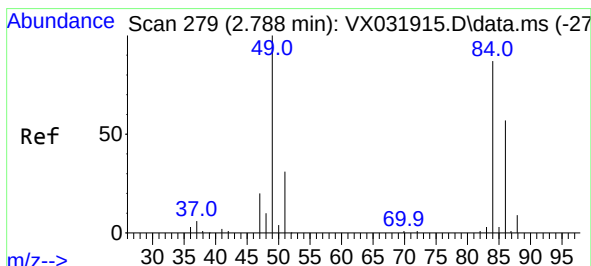
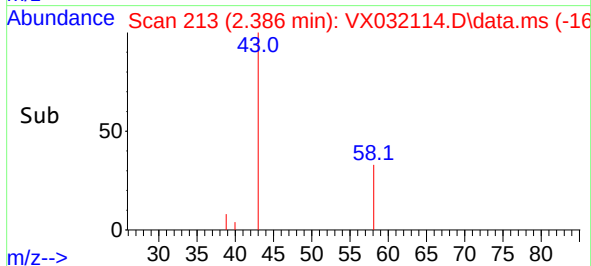
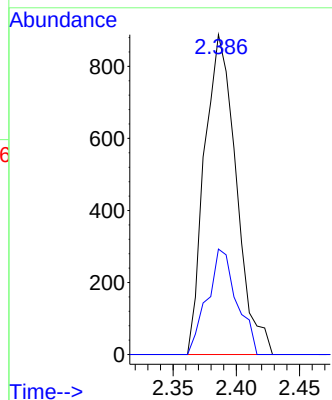
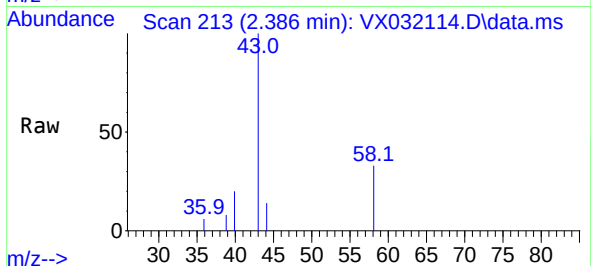




#16
Acetone
Concen: 2.449 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX032114.D
Acq: 13 Oct 2022 16:36

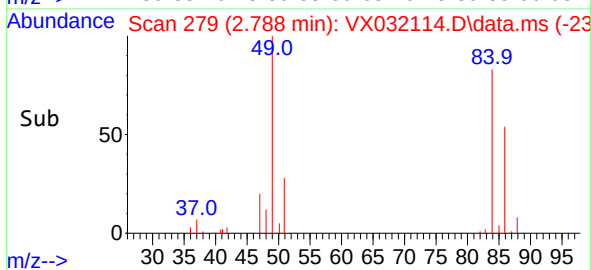
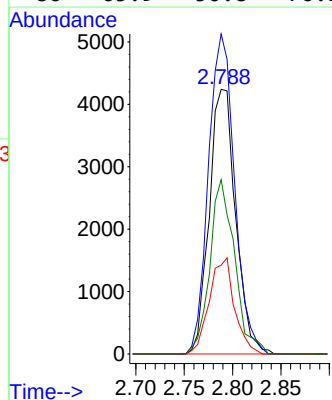
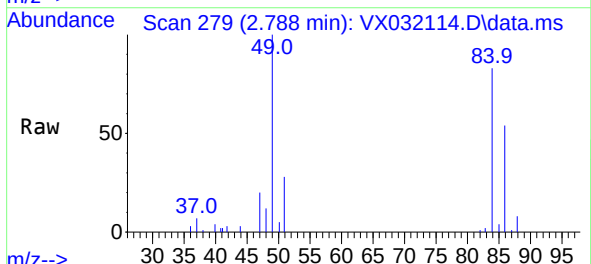
Instrument :
MSVOA_X
ClientSampleId :
PB148305TB

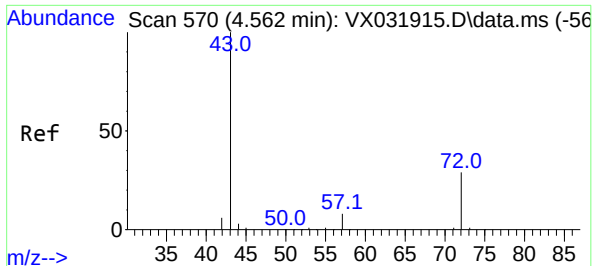
Tgt Ion: 43 Resp: 1549
Ion Ratio Lower Upper
43 100
58 33.0 23.8 35.8



#20
Methylene Chloride
Concen: 4.844 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032114.D
Acq: 13 Oct 2022 16:36

Tgt Ion: 84 Resp: 8053
Ion Ratio Lower Upper
84 100
49 120.9 105.9 158.9
51 33.5 32.2 48.2
86 65.9 50.8 76.2

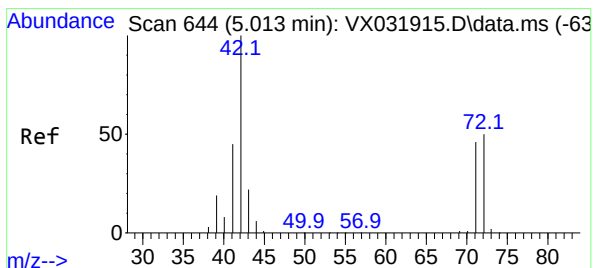
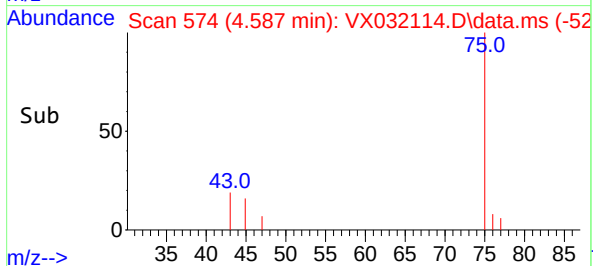
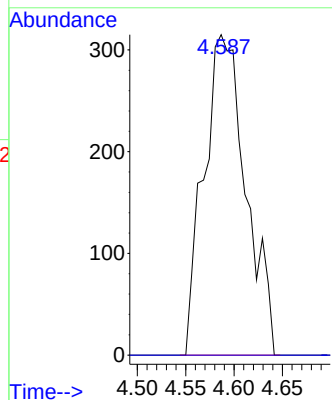
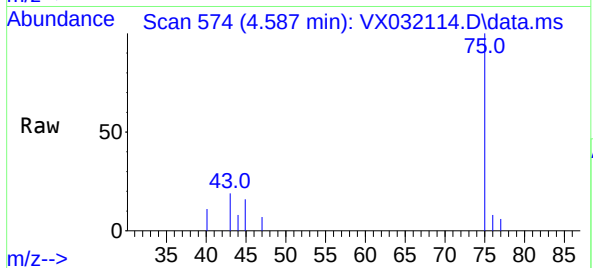




#25
2-Butanone
Concen: 0.964 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX032114.D
Acq: 13 Oct 2022 16:36

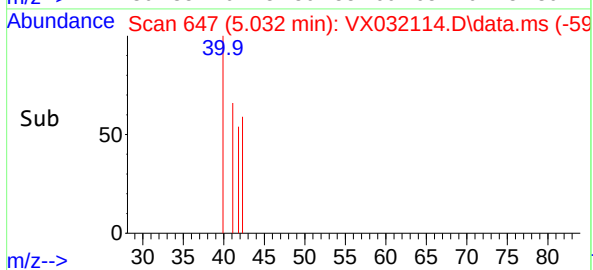
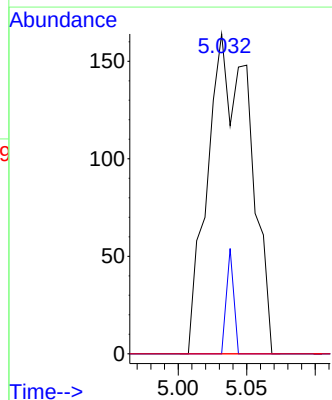
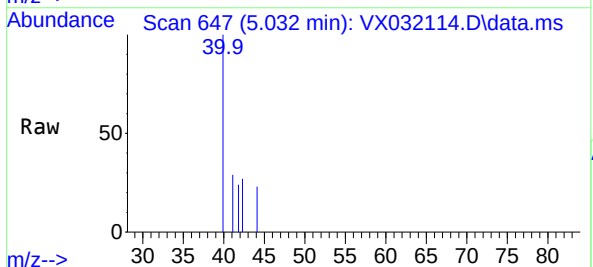
Instrument :
MSVOA_X
ClientSampleId :
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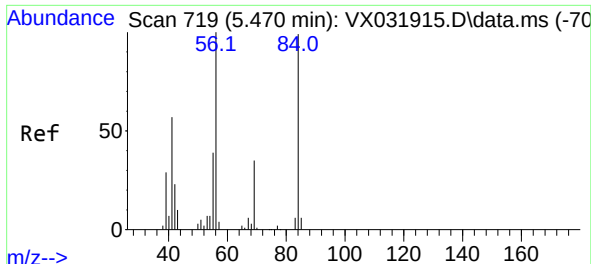
Tgt Ion: 43 Resp: 953
Ion Ratio Lower Upper
43 100
72 0.0 21.1 31.7#



#29
Tetrahydrofuran
Concen: 0.555 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.019 min
Lab File: VX032114.D
Acq: 13 Oct 2022 16:36

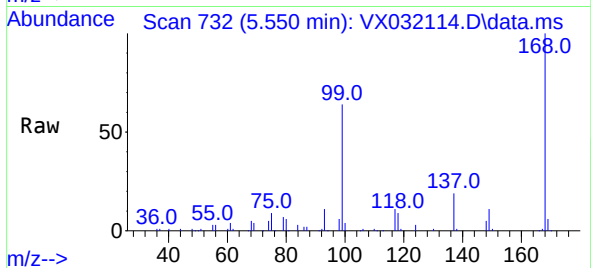
Tgt Ion: 42 Resp: 354
Ion Ratio Lower Upper
42 100
72 5.6 36.4 54.6#
71 0.0 33.5 50.3#



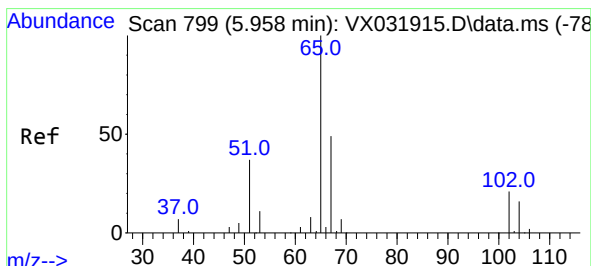
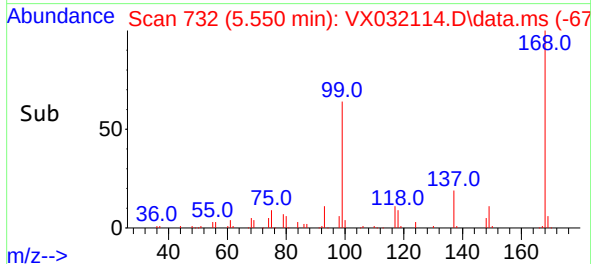
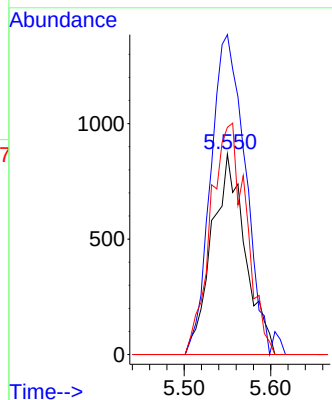


#31
Cyclohexane
Concen: 1.048 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX032114.D
Acq: 13 Oct 2022 16:36

Instrument :
MSVOA_X
ClientSampleId :
PB148305TB

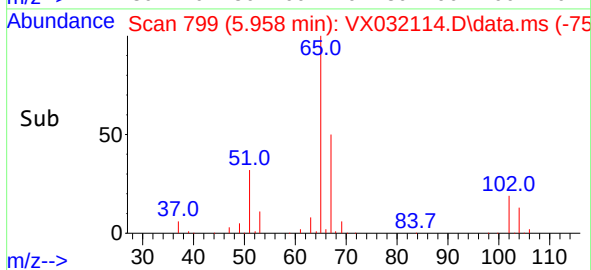
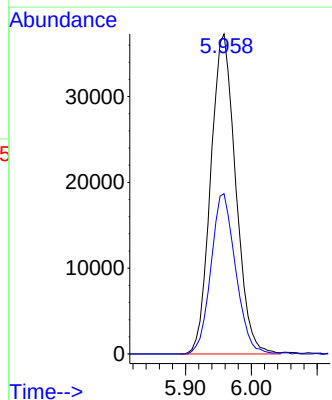
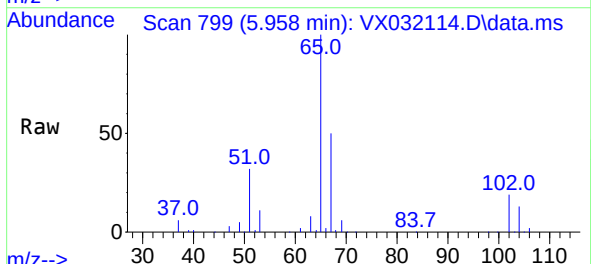


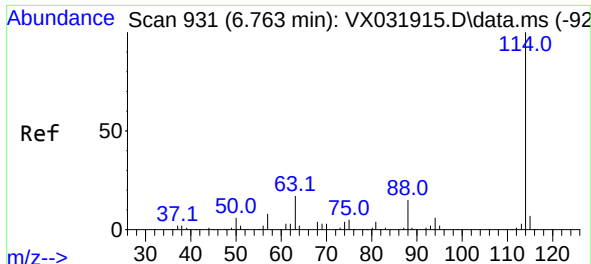
Tgt Ion: 56 Resp: 2330
Ion Ratio Lower Upper
56 100
69 159.6 25.1 37.7#
84 113.4 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 52.972 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032114.D
Acq: 13 Oct 2022 16:36

Tgt Ion: 65 Resp: 98598
Ion Ratio Lower Upper
65 100
67 49.6 0.0 102.4

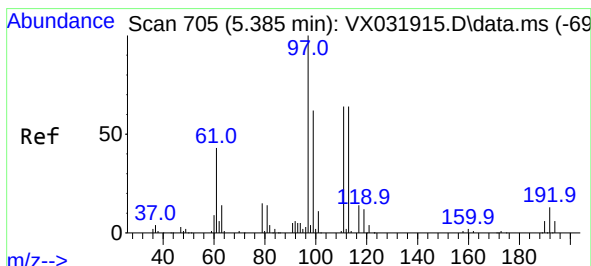
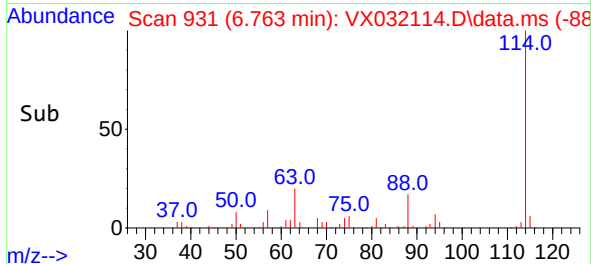
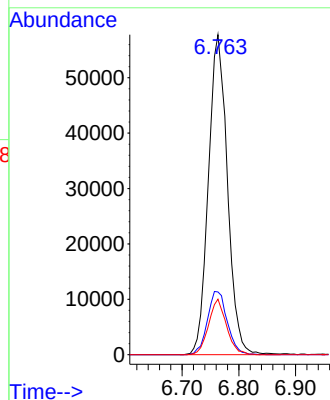
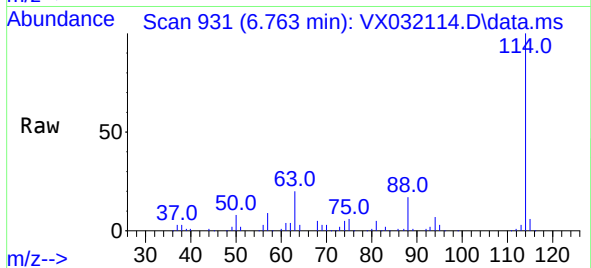




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032114.D
Acq: 13 Oct 2022 16:36

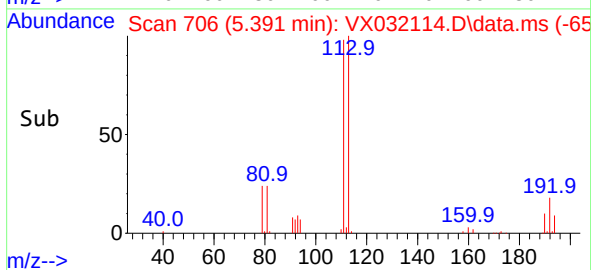
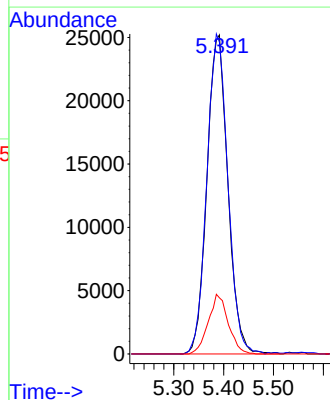
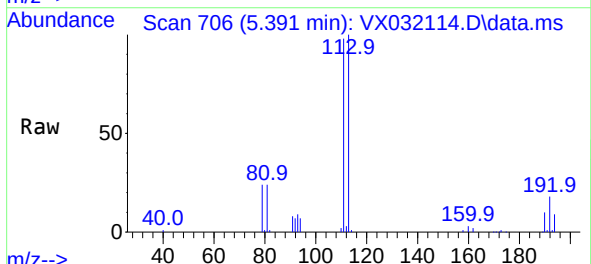
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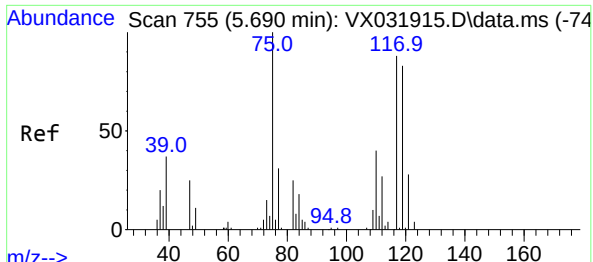
Tgt Ion:114 Resp: 134714
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.6
88 17.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.110 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032114.D
Acq: 13 Oct 2022 16:36

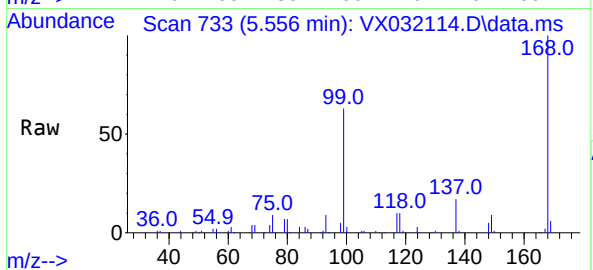
Tgt Ion:113 Resp: 73362
Ion Ratio Lower Upper
113 100
111 100.6 82.4 123.6
192 17.8 14.1 21.1



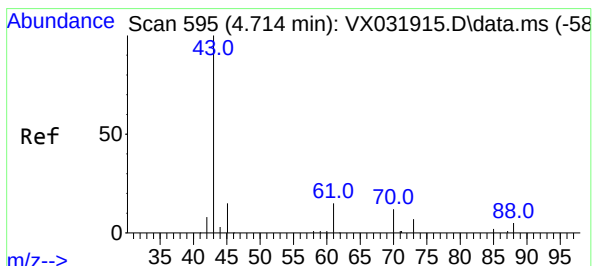
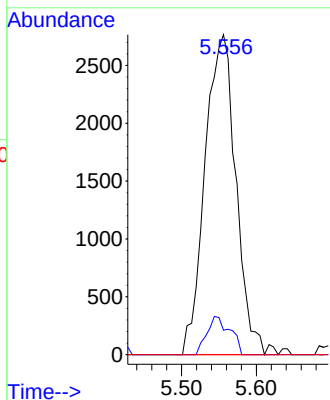
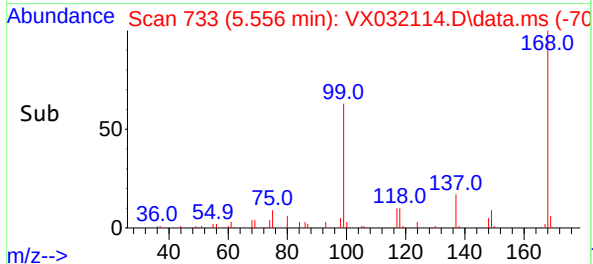


#36
1,1-Dichloropropene
Concen: 3.946 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX032114.D
Acq: 13 Oct 2022 16:36

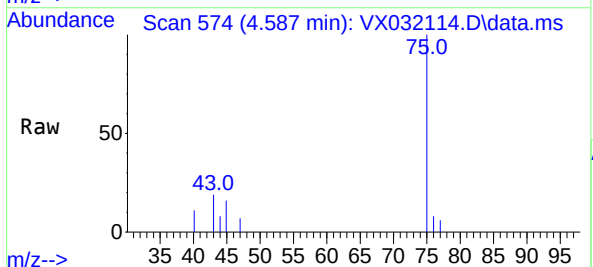
Instrument :
MSVOA_X
ClientSampleId :
PB148305TB



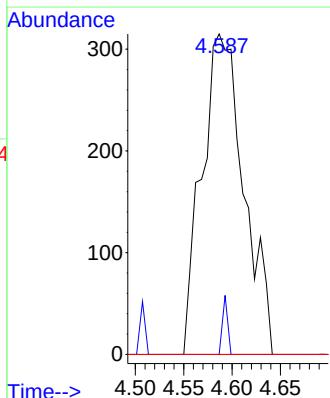
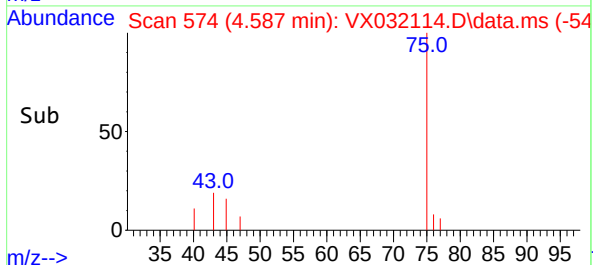
Tgt Ion: 75 Resp: 7980
Ion Ratio Lower Upper
75 100
110 8.9 17.5 52.5#
77 0.0 24.9 37.3#

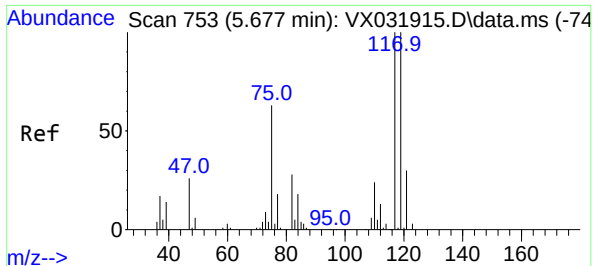


#37
Ethyl Acetate
Concen: 0.501 ug/l
RT: 4.587 min Scan# 574
Delta R.T. -0.127 min
Lab File: VX032114.D
Acq: 13 Oct 2022 16:36



Tgt Ion: 43 Resp: 953
Ion Ratio Lower Upper
43 100
61 2.2 11.1 16.7#
70 0.0 8.6 13.0#

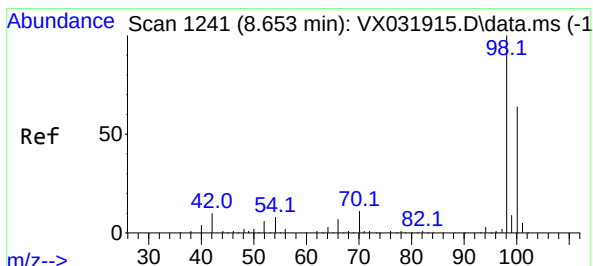
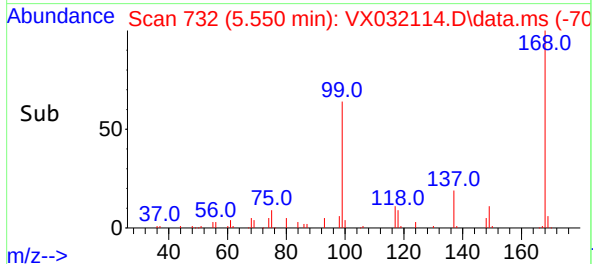
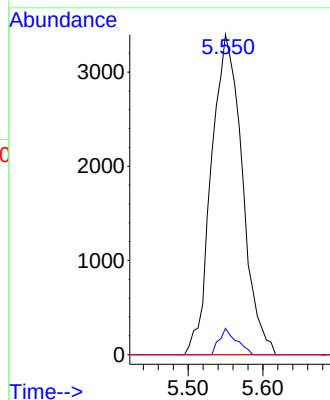
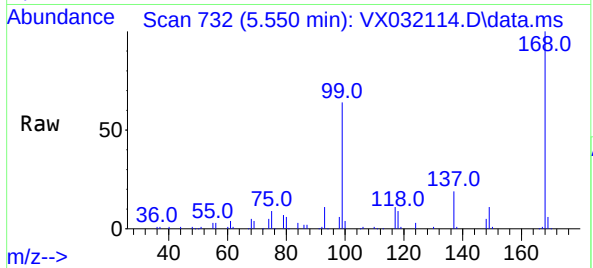




#38
Carbon Tetrachloride
Concen: 4.709 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX032114.D
Acq: 13 Oct 2022 16:36

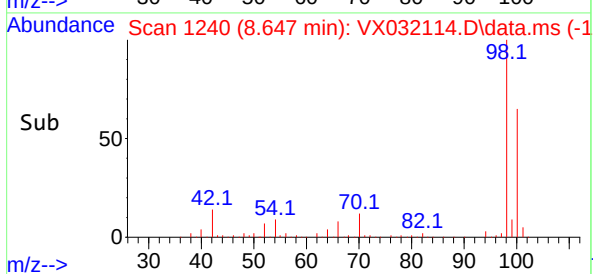
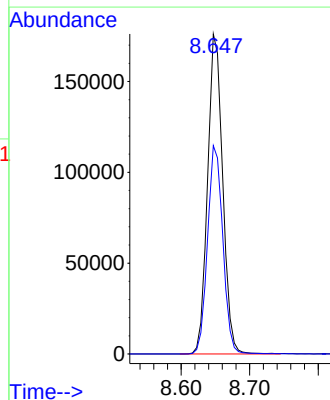
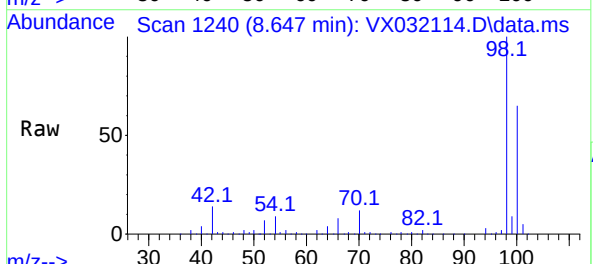
Instrument :
MSVOA_X
ClientSampleId :
PB148305TB

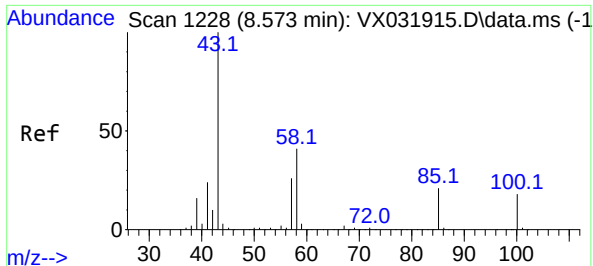
Tgt Ion:117 Resp: 9737
Ion Ratio Lower Upper
117 100
119 8.2 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 49.250 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032114.D
Acq: 13 Oct 2022 16:36

Tgt Ion: 98 Resp: 270238
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7

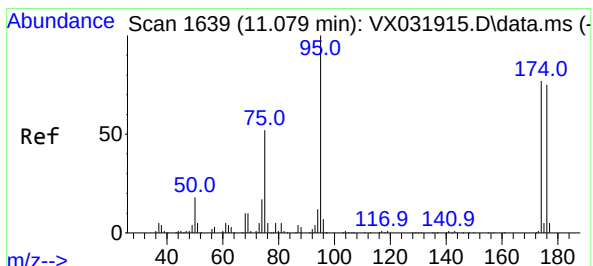
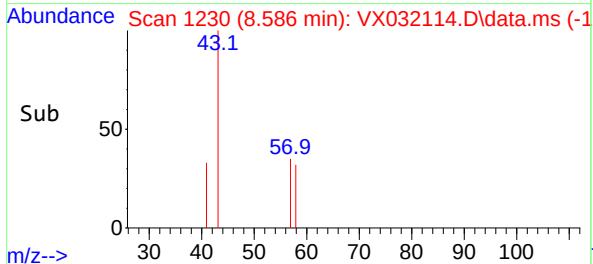
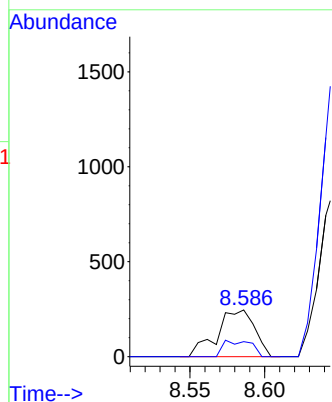
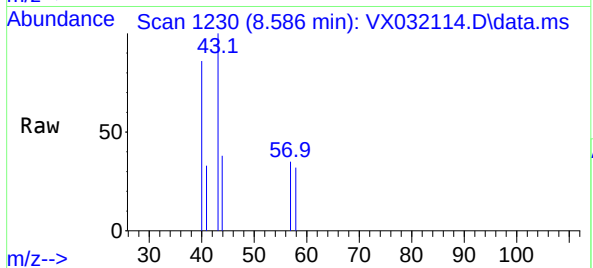




#51
4-Methyl-2-Pentanone
Concen: 0.225 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.013 min
Lab File: VX032114.D
Acq: 13 Oct 2022 16:36

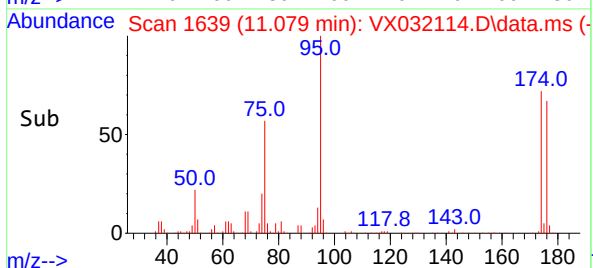
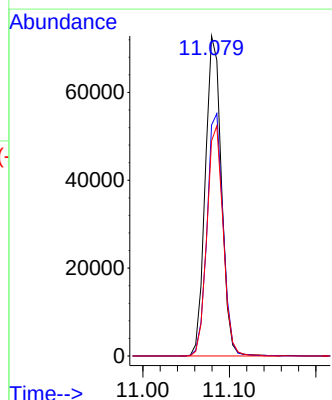
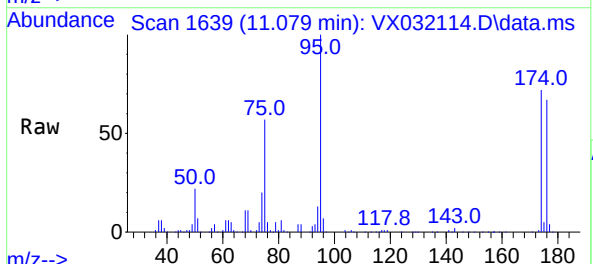
Instrument :
MSVOA_X
ClientSampleId :
PB148305TB

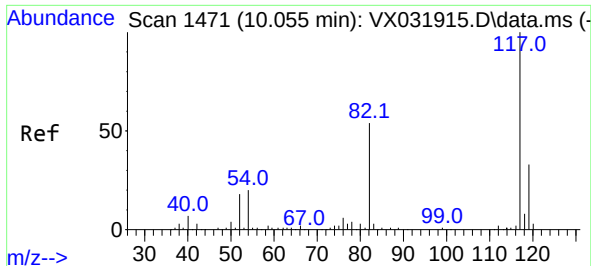
Tgt Ion: 43 Resp: 430
Ion Ratio Lower Upper
43 100
58 25.6 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 48.515 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032114.D
Acq: 13 Oct 2022 16:36

Tgt Ion: 95 Resp: 94110
Ion Ratio Lower Upper
95 100
174 75.6 0.0 153.2
176 72.2 0.0 144.0

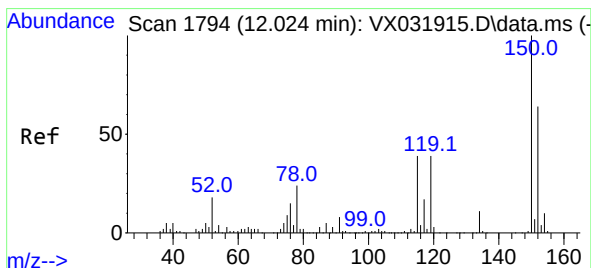
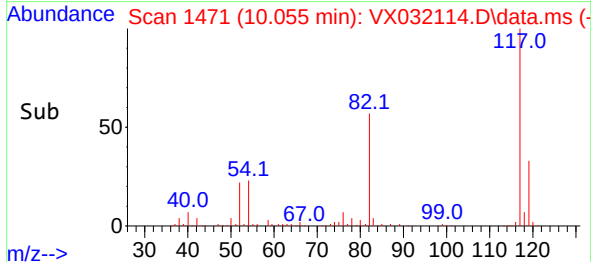
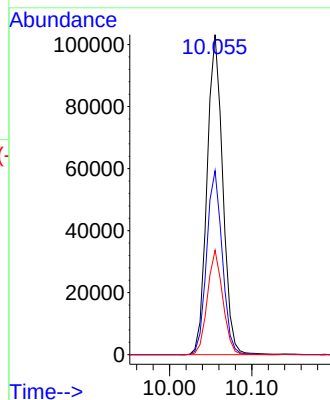
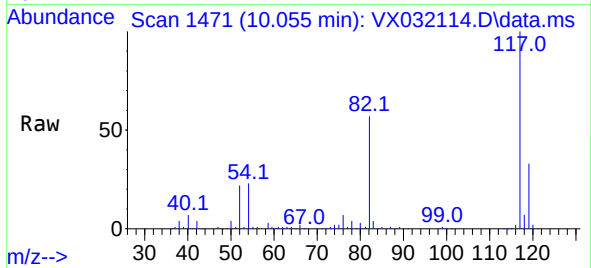




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032114.D
Acq: 13 Oct 2022 16:36

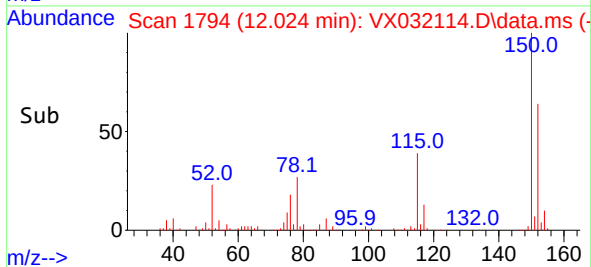
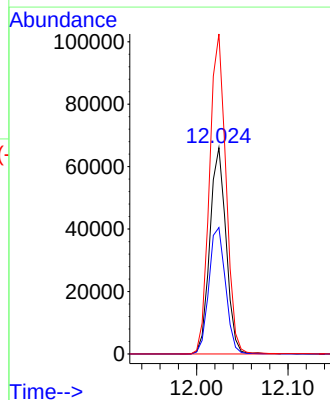
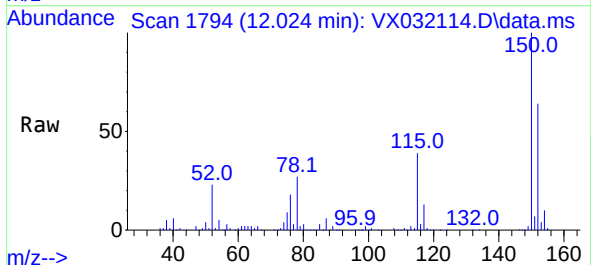
Instrument :
MSVOA_X
ClientSampleId :
PB148305TB

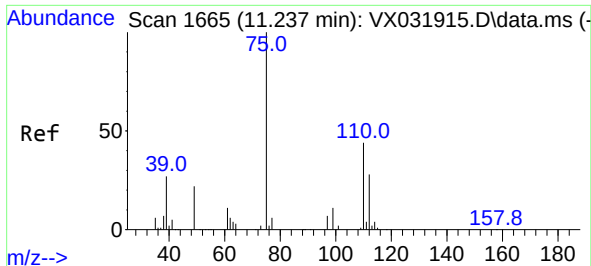
Tgt Ion:117 Resp: 137095
Ion Ratio Lower Upper
117 100
82 57.5 46.8 70.2
119 32.6 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032114.D
Acq: 13 Oct 2022 16:36

Tgt Ion:152 Resp: 81484
Ion Ratio Lower Upper
152 100
115 62.9 43.4 130.1
150 157.4 0.0 346.8

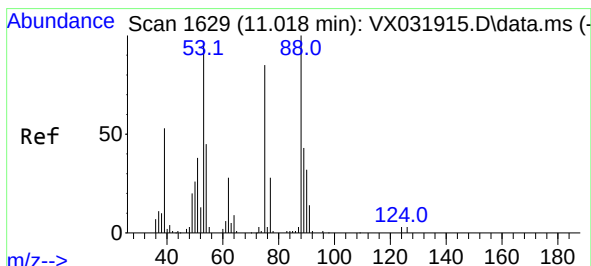
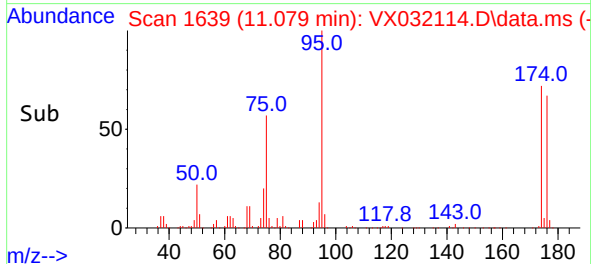
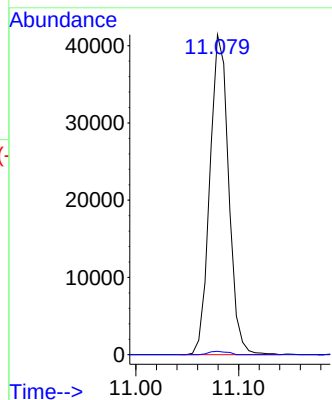
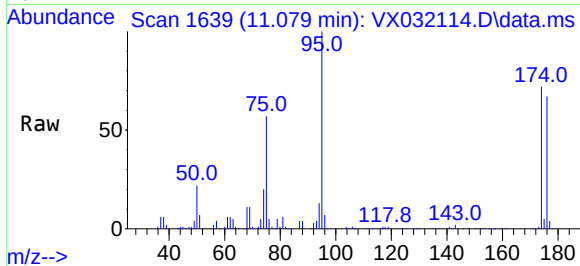




#76
1,2,3-Trichloropropane
Concen: 31.561 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032114.D
Acq: 13 Oct 2022 16:36

Instrument :
MSVOA_X
ClientSampleId :
PB148305TB

Tgt Ion: 75 Resp: 52708
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.540 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032114.D
Acq: 13 Oct 2022 16:36

Tgt Ion: 75 Resp: 52708
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

