

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
 Data File : VX032623.D
 Acq On : 07 Nov 2022 13:41
 Operator : JC/MD
 Sample : N5484-29
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB110322

Quant Time: Nov 08 03:12:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

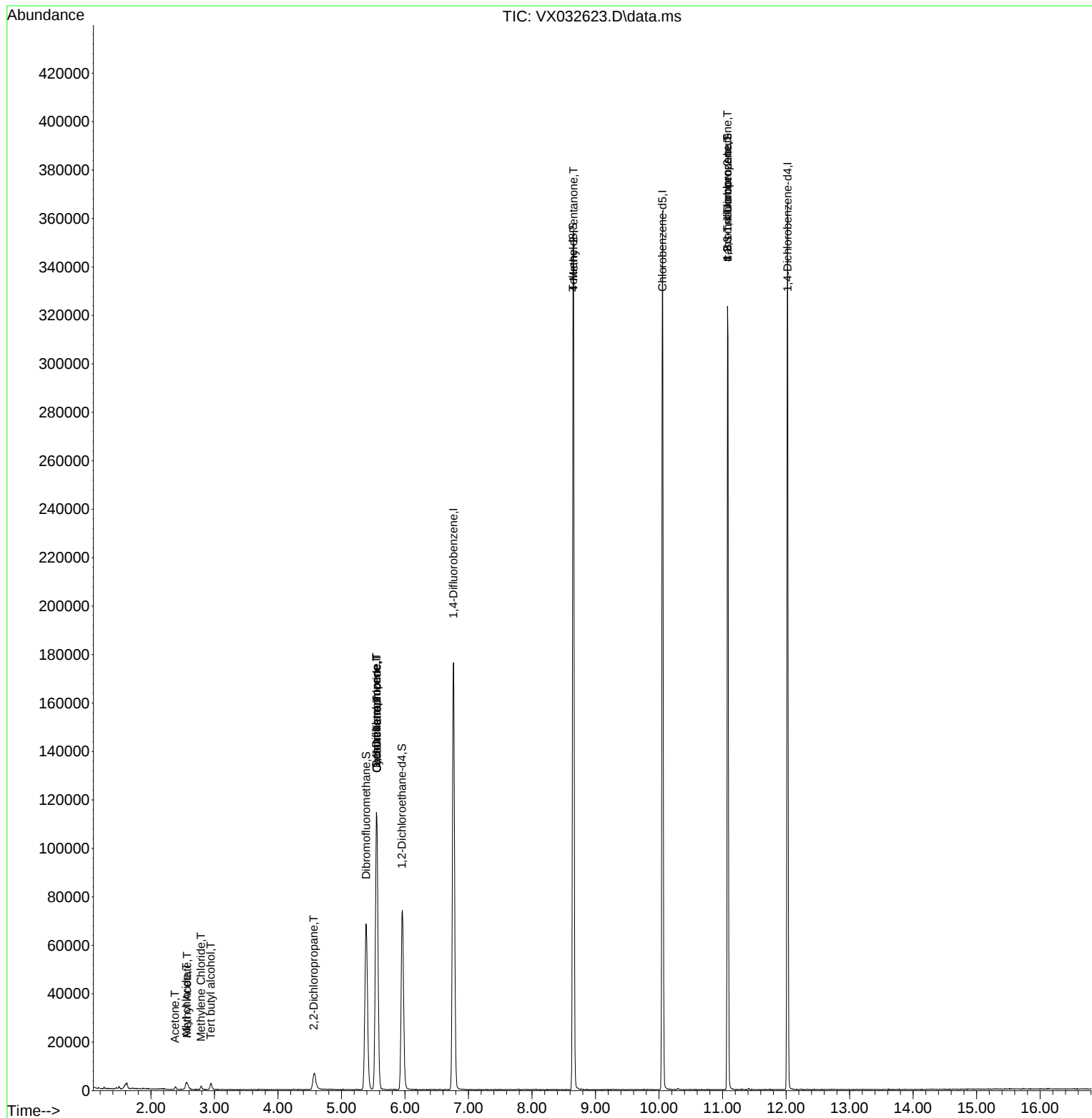
Internal Standards						
1) Pentafluorobenzene	5.550	168	108962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	179761	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	158591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75443	49.830	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.660%		
35) Dibromofluoromethane	5.385	113	59290	46.239	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.480%		
50) Toluene-d8	8.647	98	215691	48.376	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.760%		
62) 4-Bromofluorobenzene	11.079	95	81155	46.596	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.200%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	1658	7.524	ug/l #	72
14) Allyl chloride	2.556	41	594	0.341	ug/l #	74
16) Acetone	2.380	43	1345	2.444	ug/l #	88
18) Methyl Acetate	2.569	43	1579	0.882	ug/l #	51
20) Methylene Chloride	2.788	84	704	0.558	ug/l	87
26) 2,2-Dichloropropane	4.562	77	554	0.322	ug/l #	53
31) Cyclohexane	5.556	56	2437	1.328	ug/l #	15
36) 1,1-Dichloropropene	5.550	75	8827	4.943	ug/l #	49
38) Carbon Tetrachloride	5.556	117	11508	5.811	ug/l #	14
51) 4-Methyl-2-Pentanone	8.653	43	1089	0.606	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	44355	27.204	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	44355	86.564	ug/l #	6

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

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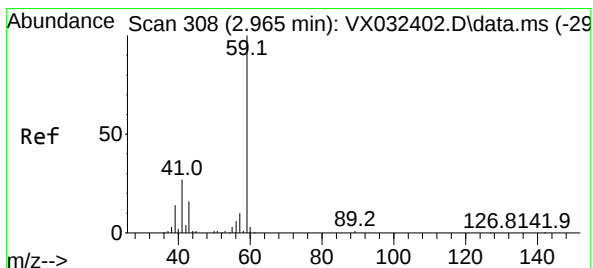
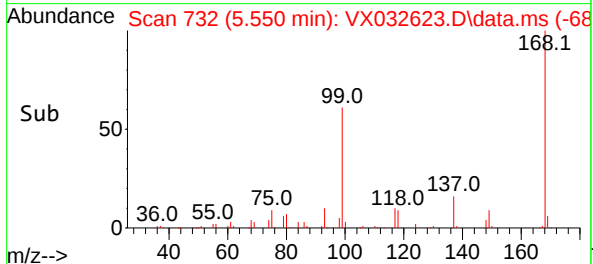
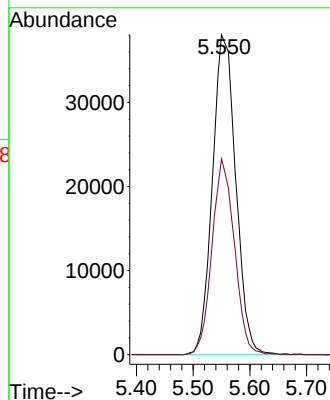
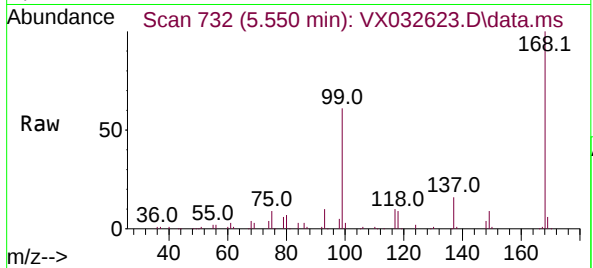




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032623.D
Acq: 07 Nov 2022 13:41

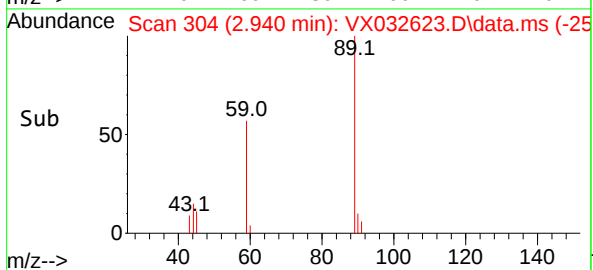
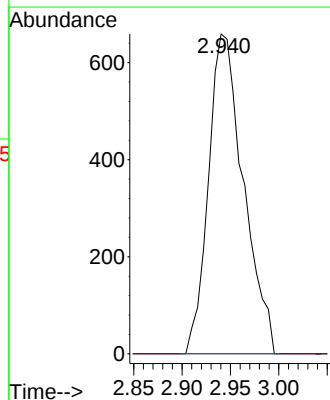
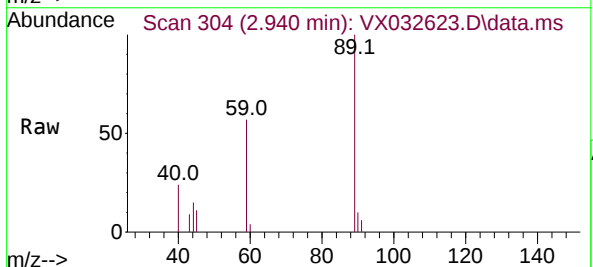
Instrument :
MSVOA_X
ClientSampleId :
FB110322

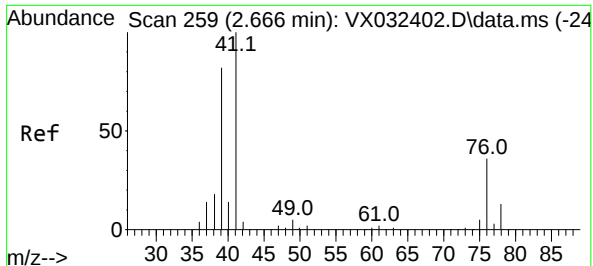
Tgt Ion:168 Resp: 108962
Ion Ratio Lower Upper
168 100
99 61.2 46.1 69.1



#11
Tert butyl alcohol
Concen: 7.524 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032623.D
Acq: 07 Nov 2022 13:41

Tgt Ion: 59 Resp: 1658
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

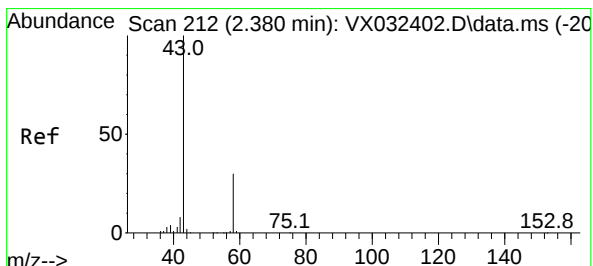
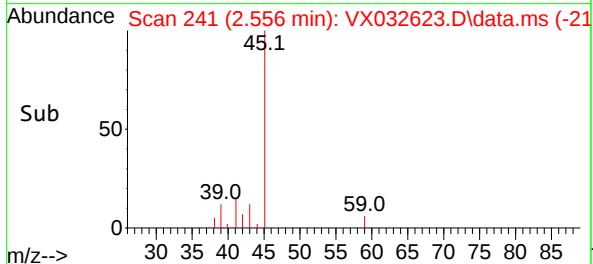
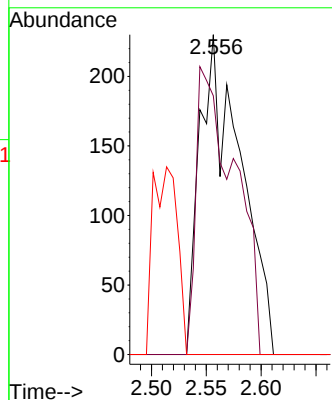
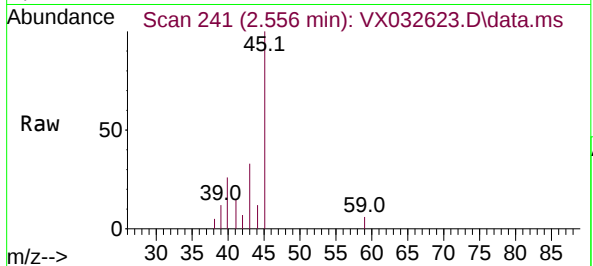




#14
 Allyl chloride
 Concen: 0.341 ug/l
 RT: 2.556 min Scan# 241
 Delta R.T. -0.110 min
 Lab File: VX032623.D
 Acq: 07 Nov 2022 13:41

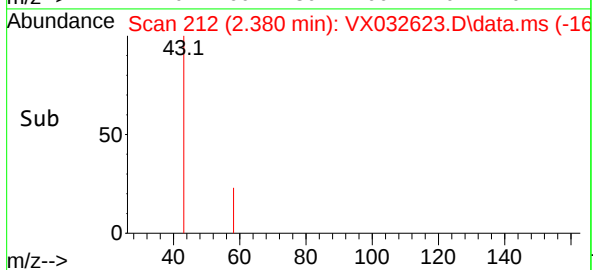
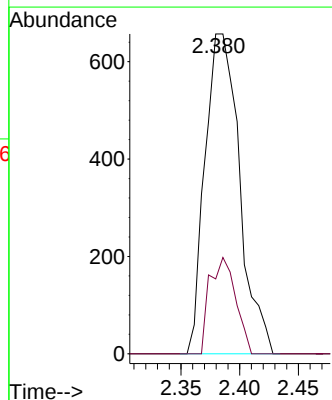
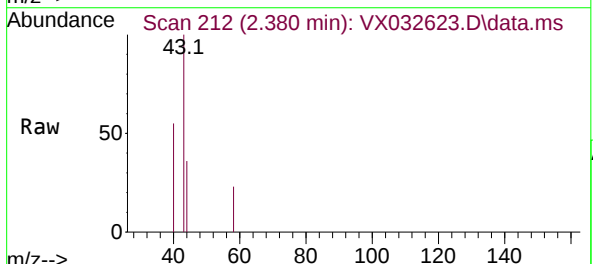
Instrument :
 MSVOA_X
 ClientSampleId :
 FB110322

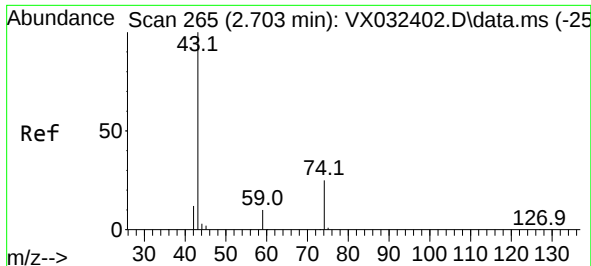
Tgt Ion: 41 Resp: 594
 Ion Ratio Lower Upper
 41 100
 39 85.2 61.4 92.2
 76 0.0 29.2 43.8#



#16
 Acetone
 Concen: 2.444 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VX032623.D
 Acq: 07 Nov 2022 13:41

Tgt Ion: 43 Resp: 1345
 Ion Ratio Lower Upper
 43 100
 58 23.4 23.8 35.8#

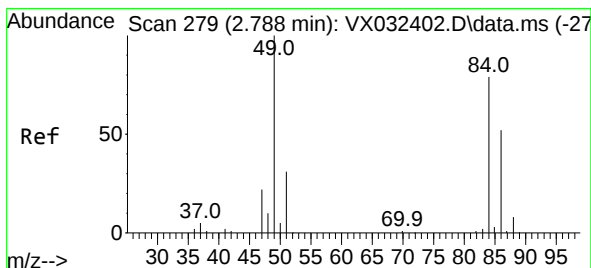
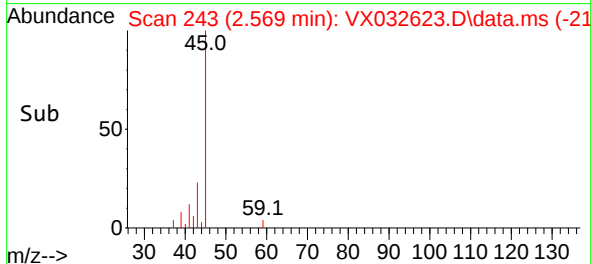
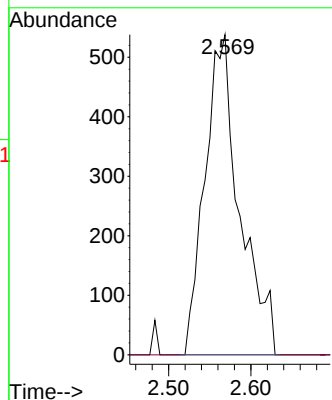
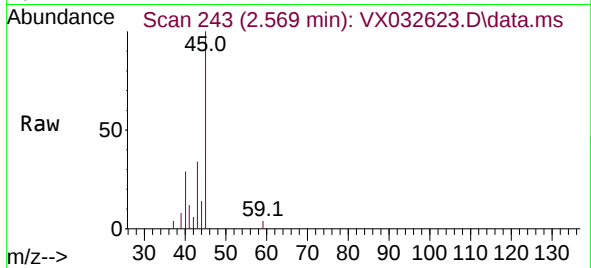




#18
Methyl Acetate
Concen: 0.882 ug/l
RT: 2.569 min Scan# 243
Delta R.T. -0.134 min
Lab File: VX032623.D
Acq: 07 Nov 2022 13:41

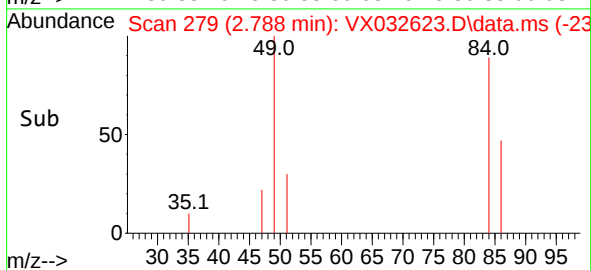
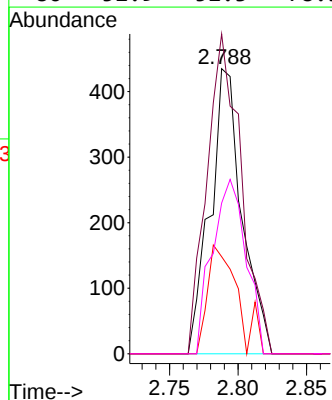
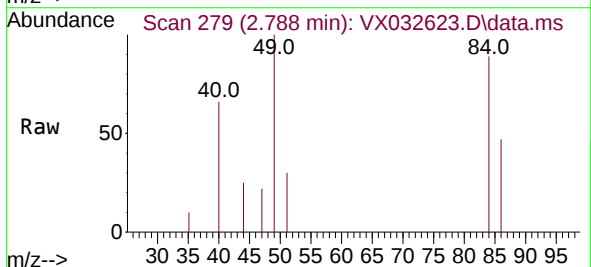
Instrument :
MSVOA_X
ClientSampleId :
FB110322

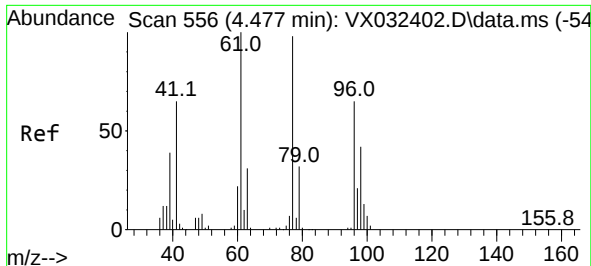
Tgt Ion: 43 Resp: 1579
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#



#20
Methylene Chloride
Concen: 0.558 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032623.D
Acq: 07 Nov 2022 13:41

Tgt Ion: 84 Resp: 704
Ion Ratio Lower Upper
84 100
49 112.2 101.0 151.6
51 34.0 31.1 46.7
86 52.9 52.3 78.5





#26

2,2-Dichloropropane

Concen: 0.322 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.085 min

Lab File: VX032623.D

Acq: 07 Nov 2022 13:41

Instrument :

MSVOA_X

ClientSampleId :

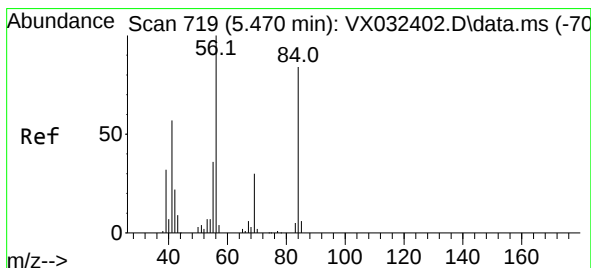
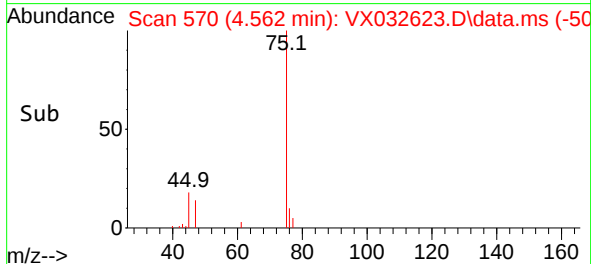
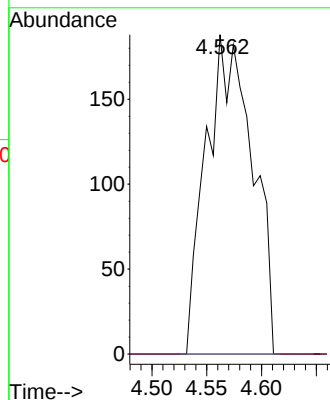
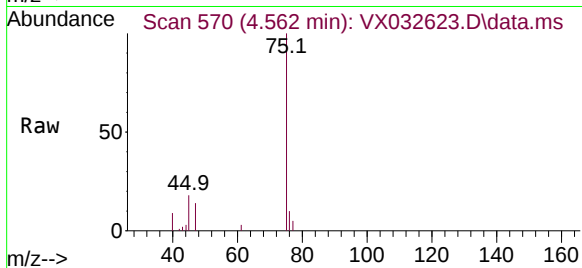
FB110322

Tgt Ion: 77 Resp: 554

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.1#



#31

Cyclohexane

Concen: 1.328 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX032623.D

Acq: 07 Nov 2022 13:41

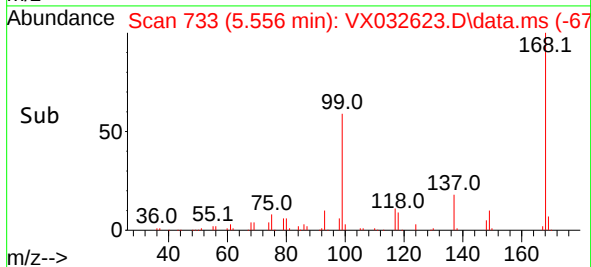
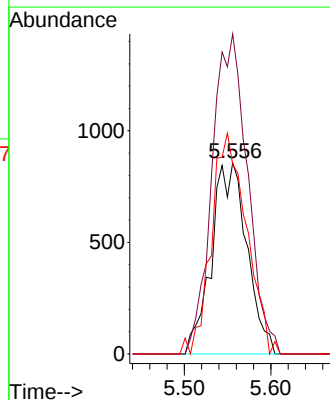
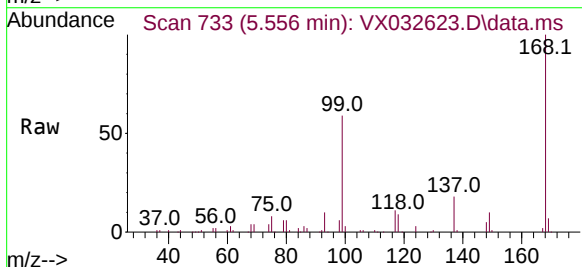
Tgt Ion: 56 Resp: 2437

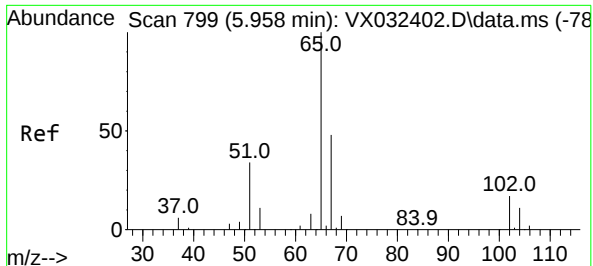
Ion Ratio Lower Upper

56 100

69 167.3 24.1 36.1#

84 105.3 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 49.830 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032623.D

Acq: 07 Nov 2022 13:41

Instrument :

MSVOA_X

ClientSampleId :

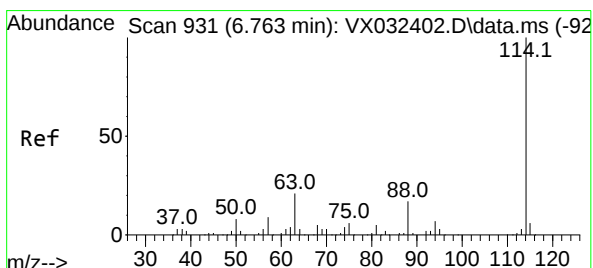
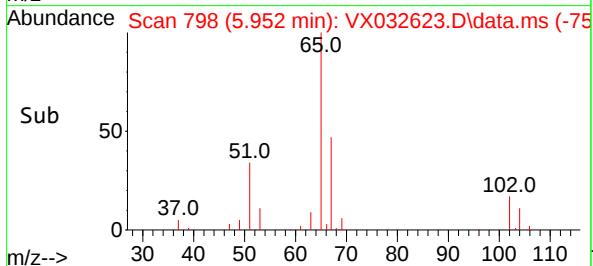
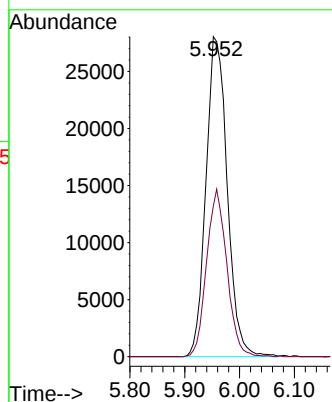
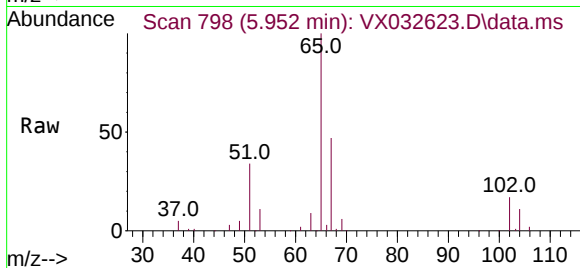
FB110322

Tgt Ion: 65 Resp: 75443

Ion Ratio Lower Upper

65 100

67 50.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032623.D

Acq: 07 Nov 2022 13:41

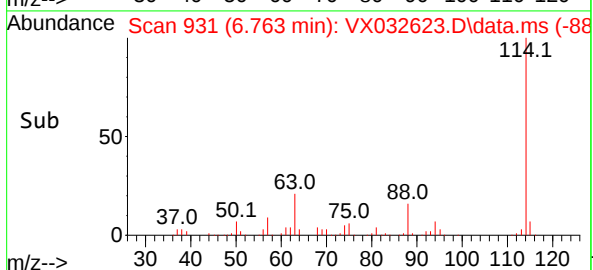
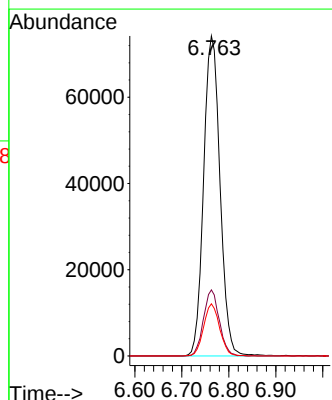
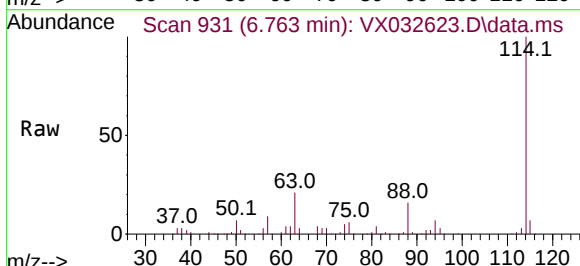
Tgt Ion: 114 Resp: 179761

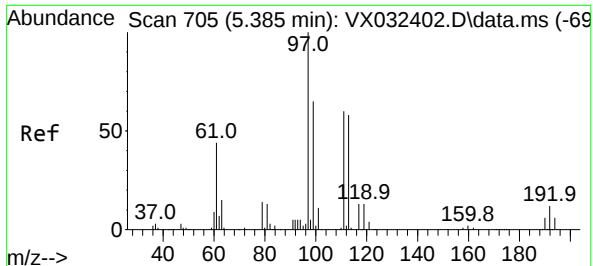
Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.6

88 16.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.239 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX032623.D

Acq: 07 Nov 2022 13:41

Instrument :

MSVOA_X

ClientSampleId :

FB110322

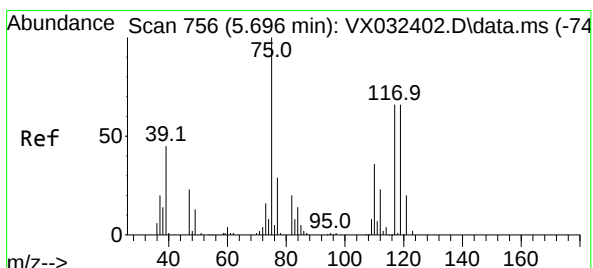
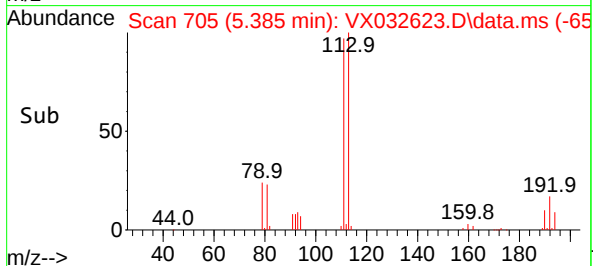
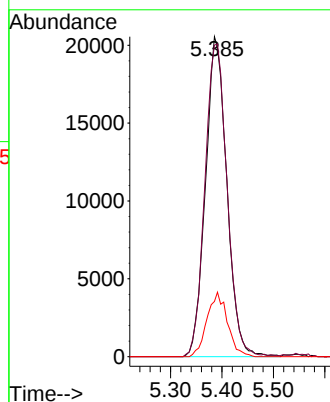
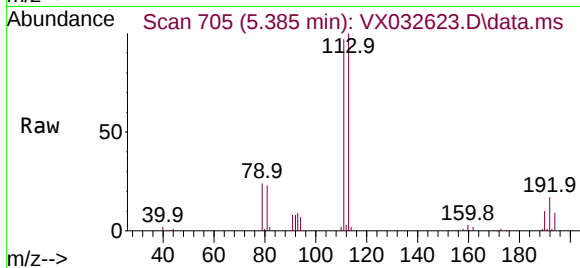
Tgt Ion:113 Resp: 59290

Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

192 19.3 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.943 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX032623.D

Acq: 07 Nov 2022 13:41

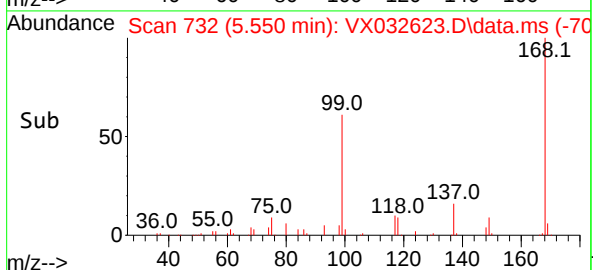
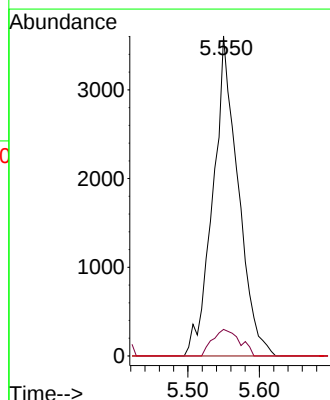
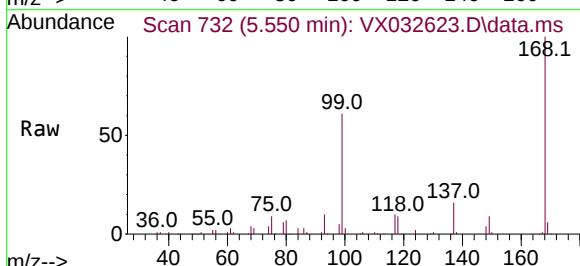
Tgt Ion: 75 Resp: 8827

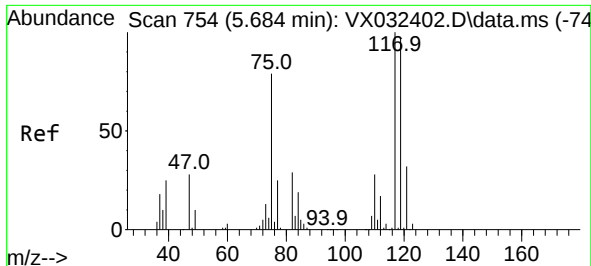
Ion Ratio Lower Upper

75 100

110 8.9 18.4 55.2#

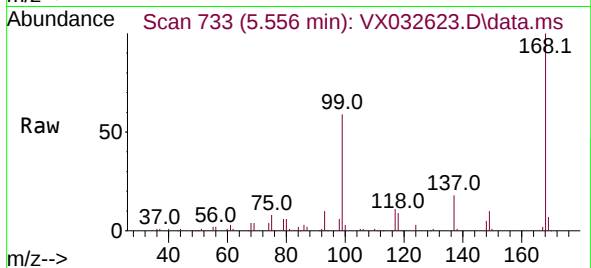
77 0.0 24.5 36.7#



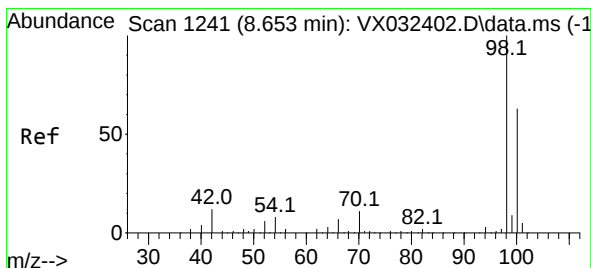
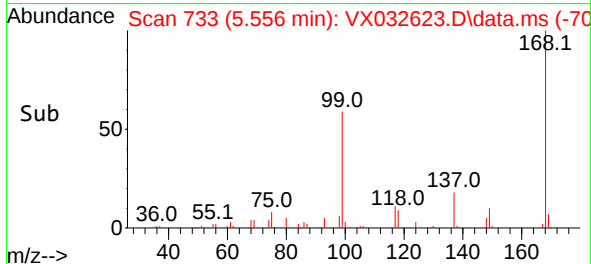
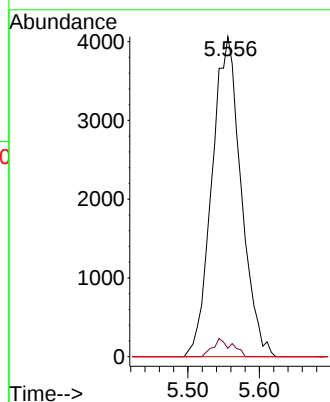


#38
Carbon Tetrachloride
Concen: 5.811 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032623.D
Acq: 07 Nov 2022 13:41

Instrument :
MSVOA_X
ClientSampleId :
FB110322

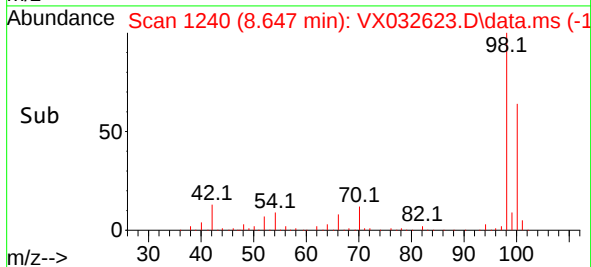
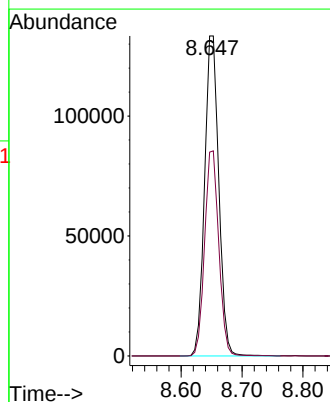
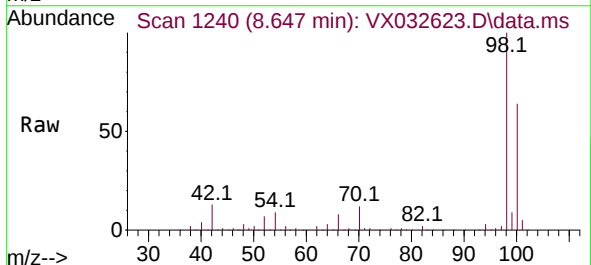


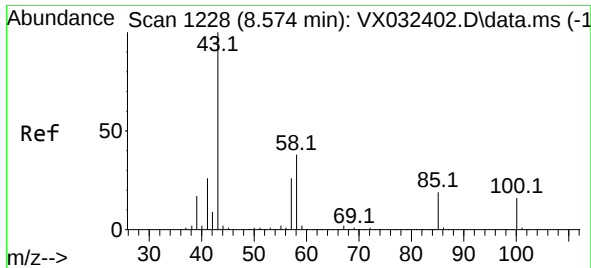
Tgt Ion:117 Resp: 11508
Ion Ratio Lower Upper
117 100
119 2.6 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.376 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032623.D
Acq: 07 Nov 2022 13:41

Tgt Ion: 98 Resp: 215691
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3

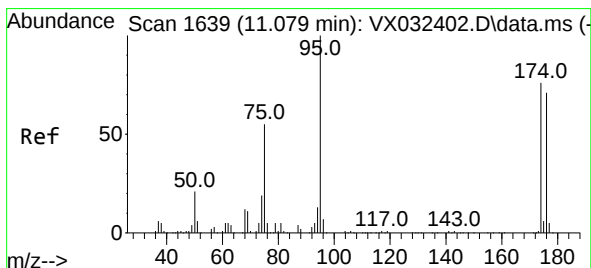
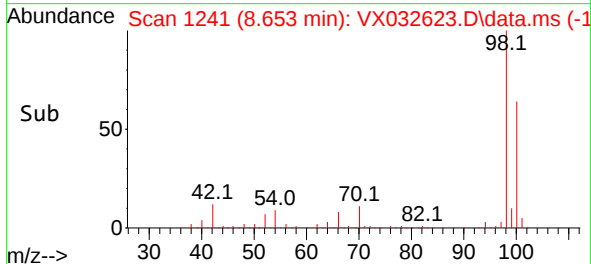
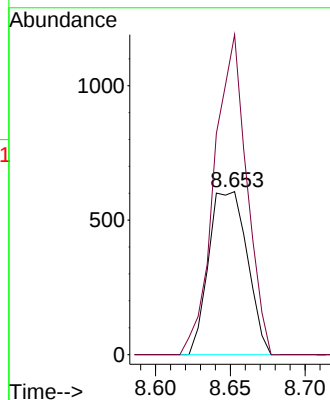
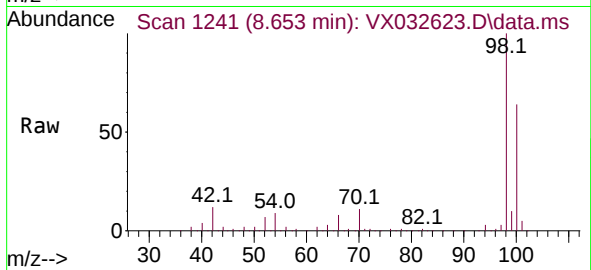




#51
4-Methyl-2-Pentanone
Concen: 0.606 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX032623.D
Acq: 07 Nov 2022 13:41

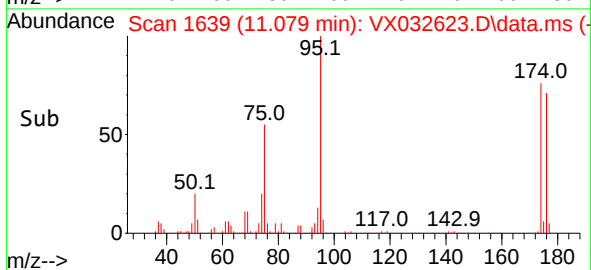
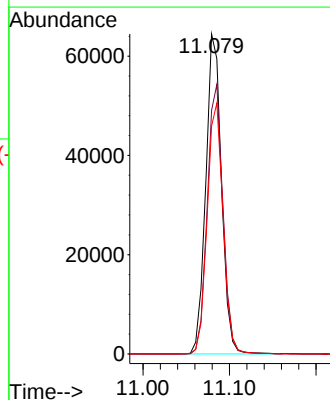
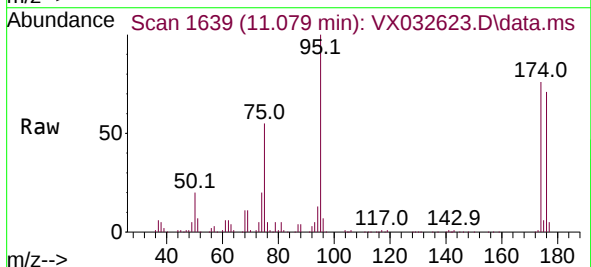
Instrument :
MSVOA_X
ClientSampleId :
FB110322

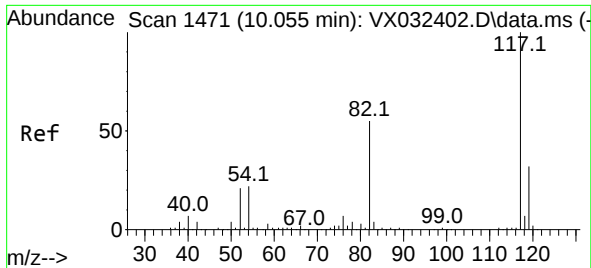
Tgt Ion: 43 Resp: 1089
Ion Ratio Lower Upper
43 100
58 164.6 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 46.596 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032623.D
Acq: 07 Nov 2022 13:41

Tgt Ion: 95 Resp: 81155
Ion Ratio Lower Upper
95 100
174 84.5 0.0 164.0
176 79.4 0.0 154.4

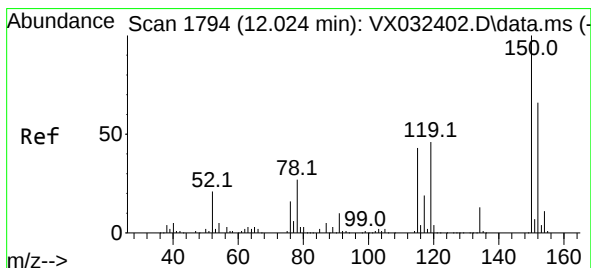
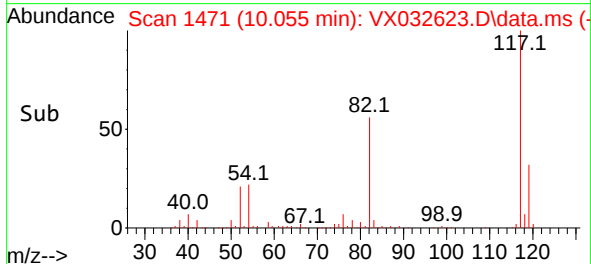
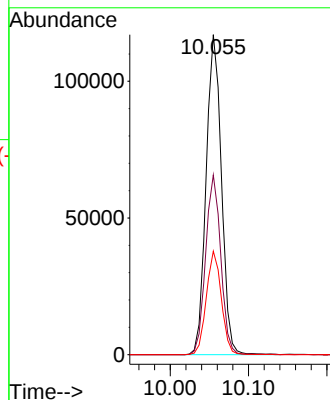
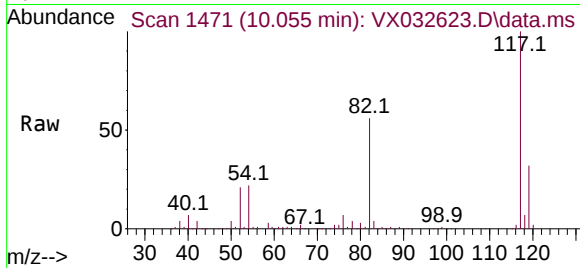




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032623.D
Acq: 07 Nov 2022 13:41

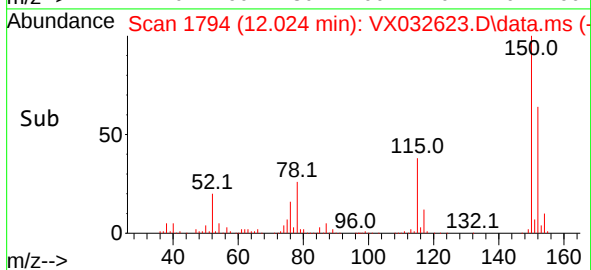
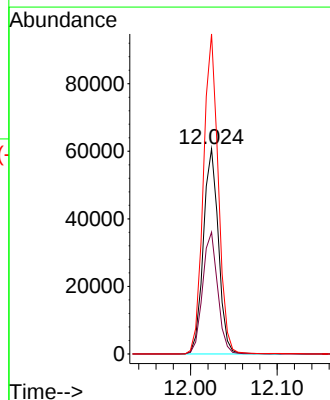
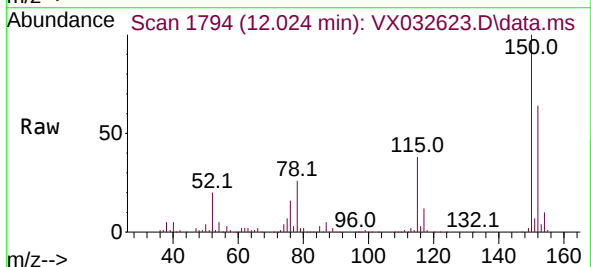
Instrument :
MSVOA_X
ClientSampleId :
FB110322

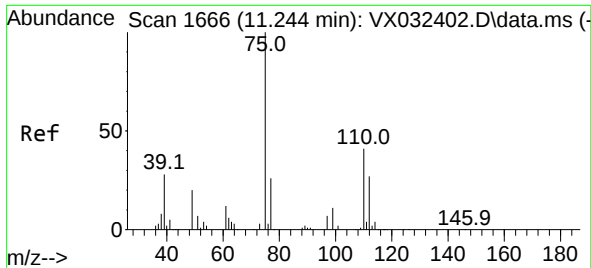
Tgt Ion:117 Resp: 158591
Ion Ratio Lower Upper
117 100
82 56.2 44.3 66.5
119 32.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032623.D
Acq: 07 Nov 2022 13:41

Tgt Ion:152 Resp: 73287
Ion Ratio Lower Upper
152 100
115 59.5 44.0 132.0
150 153.9 0.0 351.8

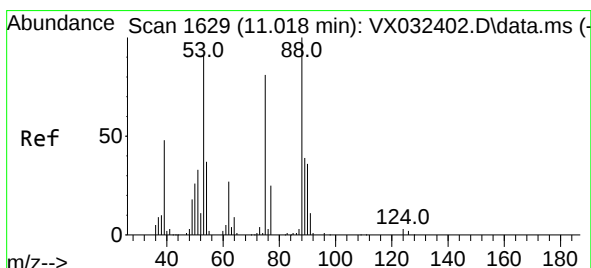
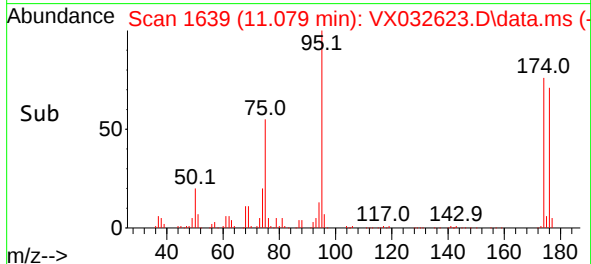
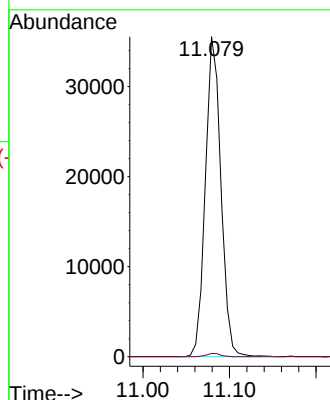
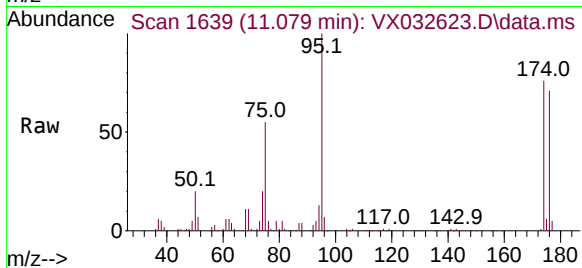




#76
1,2,3-Trichloropropane
Concen: 27.204 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032623.D
Acq: 07 Nov 2022 13:41

Instrument :
MSVOA_X
ClientSampleId :
FB110322

Tgt Ion: 75 Resp: 44355
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.564 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032623.D
Acq: 07 Nov 2022 13:41

Tgt Ion: 75 Resp: 44355
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

