

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101422\
 Data File : VX032127.D
 Acq On : 14 Oct 2022 11:35
 Operator : JC/MD
 Sample : VX1014MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014MBL01

Quant Time: Oct 17 02:22:24 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)

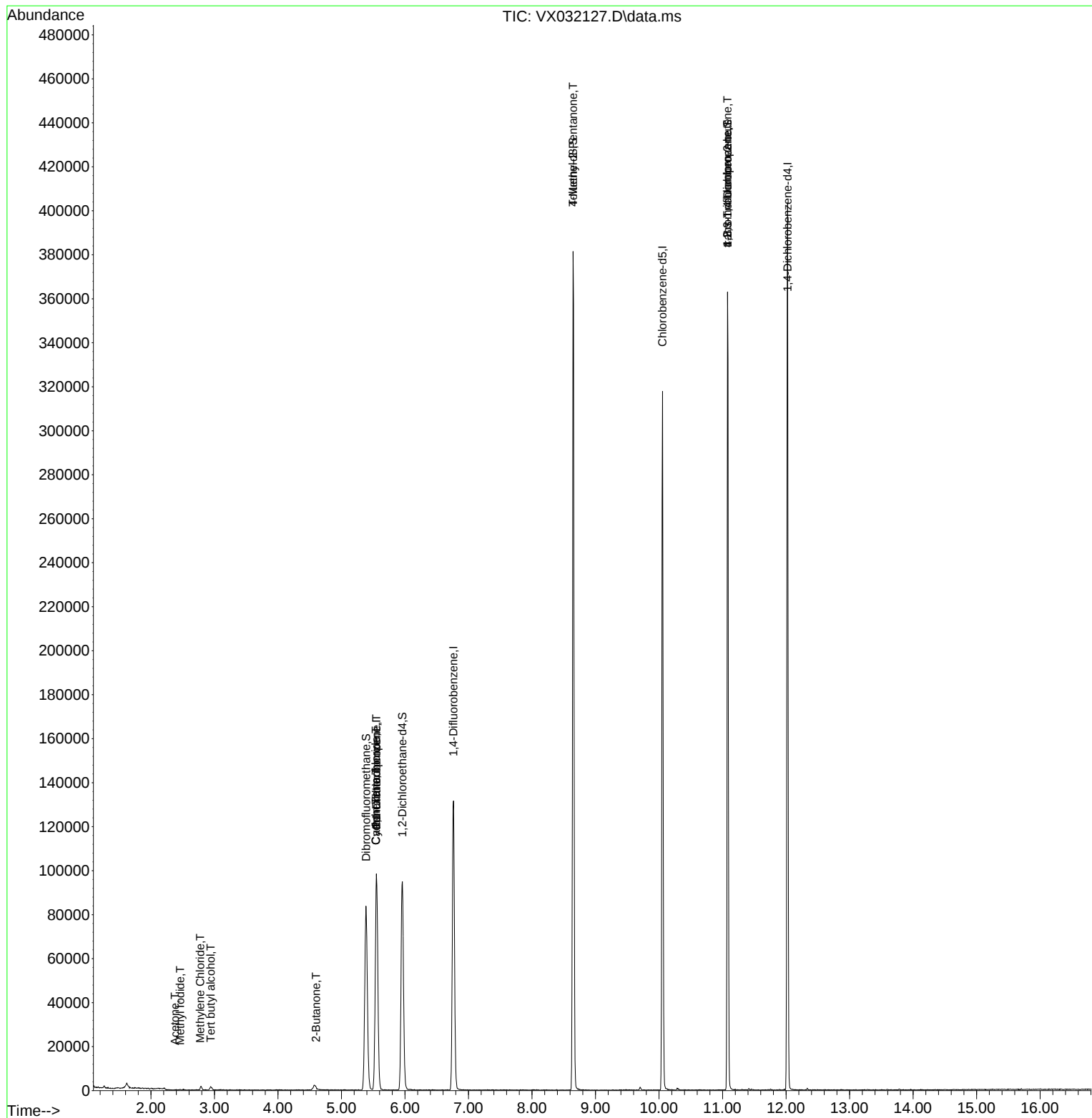
Internal Standards						
1) Pentafluorobenzene	5.550	168	86939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	129963	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95107	52.970	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.940%			
35) Dibromofluoromethane	5.385	113	70435	47.879	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.760%			
50) Toluene-d8	8.647	98	222416	42.016	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 84.040%#			
62) 4-Bromofluorobenzene	11.079	95	91915	49.115	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.240%			
Target Compounds						
5) Bromomethane	1.624	94	383	Below Cal	Qvalue 96	
10) Methyl Iodide	2.459	142	333	2.970 ug/l #	79	
11) Tert butyl alcohol	2.940	59	1068	4.781 ug/l #	73	
16) Acetone	2.380	43	234	0.383 ug/l #	45	
20) Methylene Chloride	2.776	84	802	0.500 ug/l #	58	
25) 2-Butanone	4.599	43	301	0.316 ug/l #	49	
31) Cyclohexane	5.544	56	2301	1.073 ug/l #	16	
36) 1,1-Dichloropropene	5.550	75	7719	3.957 ug/l #	50	
38) Carbon Tetrachloride	5.544	117	9587	4.806 ug/l #	16	
51) 4-Methyl-2-Pentanone	8.647	43	1082	0.586 ug/l #	1	
76) 1,2,3-Trichloropropane	11.079	75	50827	31.221 ug/l #	37	
81) trans-1,4-Dichloro-2-b...	11.079	75	50827	106.418 ug/l #	11	

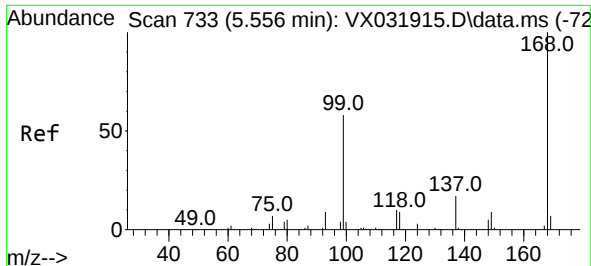
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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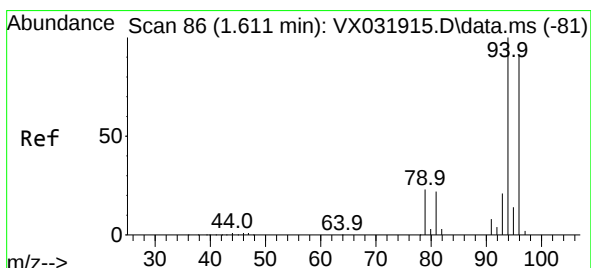
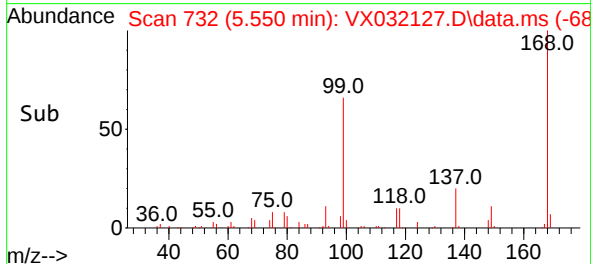
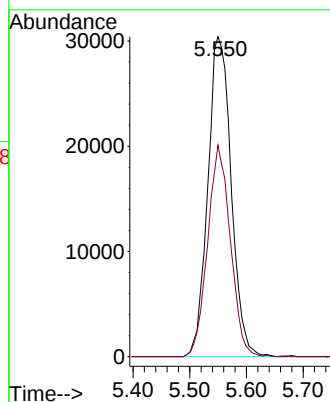
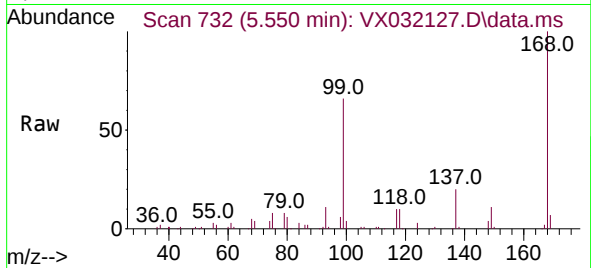




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032127.D
Acq: 14 Oct 2022 11:35

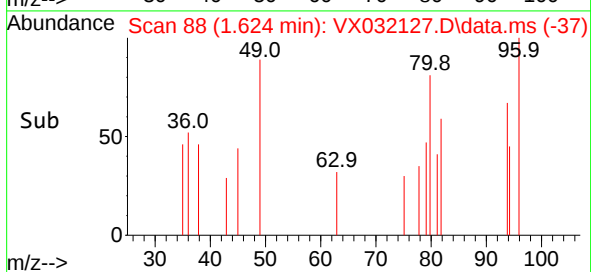
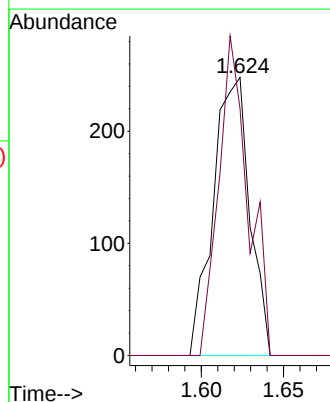
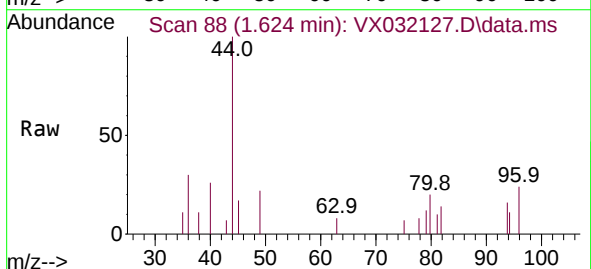
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBL01

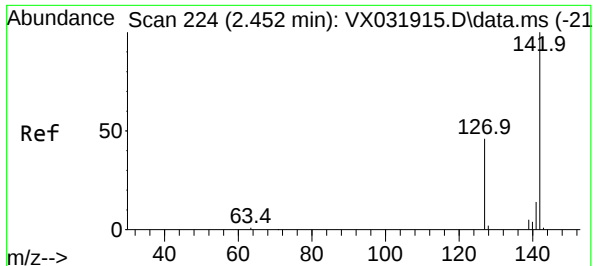
Tgt Ion:168 Resp: 86939
Ion Ratio Lower Upper
168 100
99 66.0 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.013 min
Lab File: VX032127.D
Acq: 14 Oct 2022 11:35

Tgt Ion: 94 Resp: 383
Ion Ratio Lower Upper
94 100
96 88.7 74.4 111.6

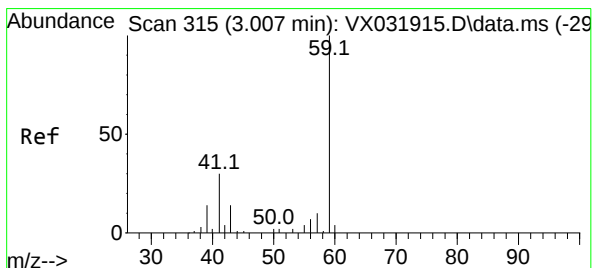
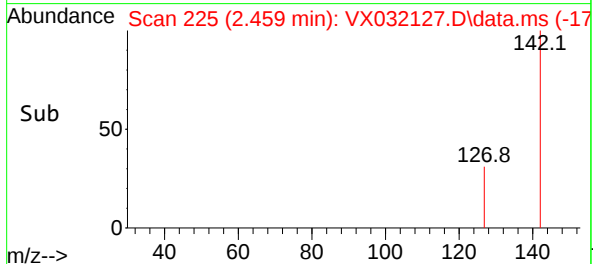
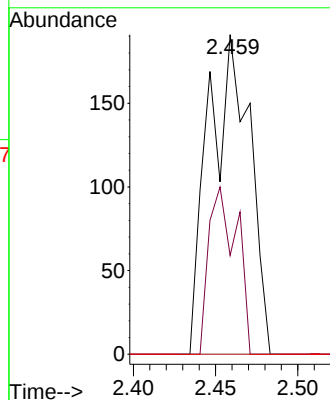
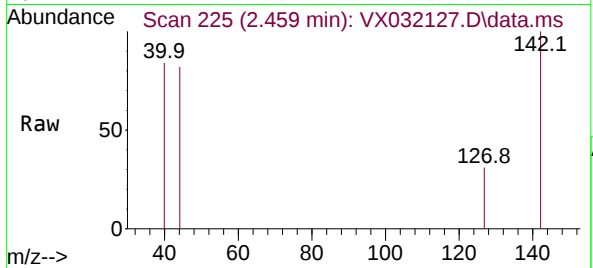




#10
Methyl Iodide
Concen: 2.970 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX032127.D
Acq: 14 Oct 2022 11:35

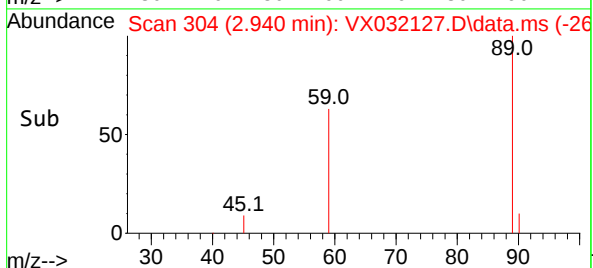
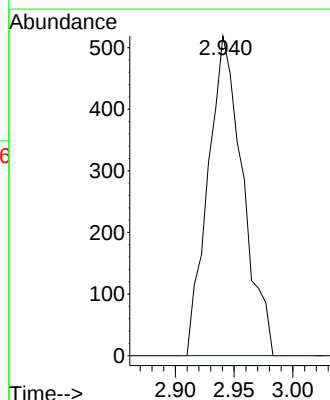
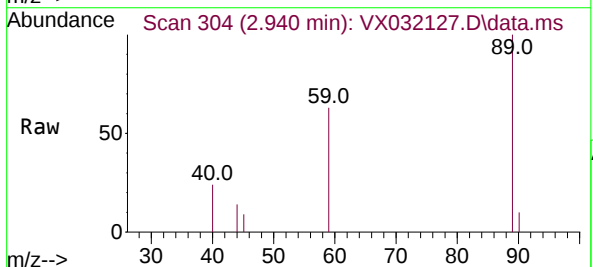
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBL01

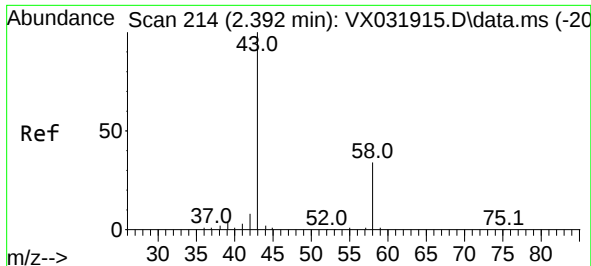
Tgt Ion:142 Resp: 333
Ion Ratio Lower Upper
142 100
127 35.4 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 4.781 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX032127.D
Acq: 14 Oct 2022 11:35

Tgt Ion: 59 Resp: 1068
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

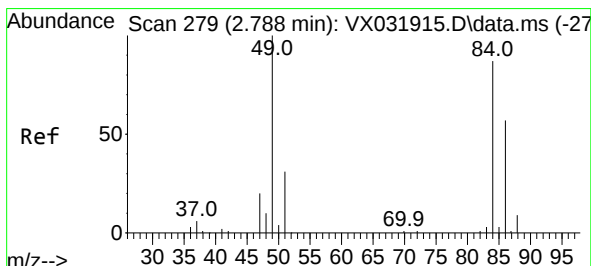
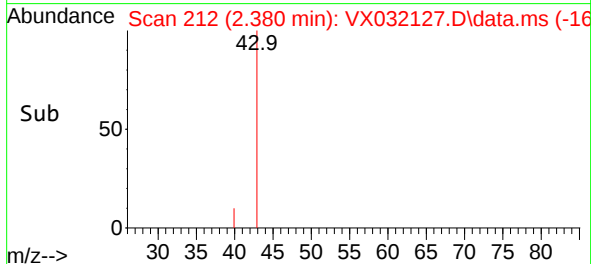
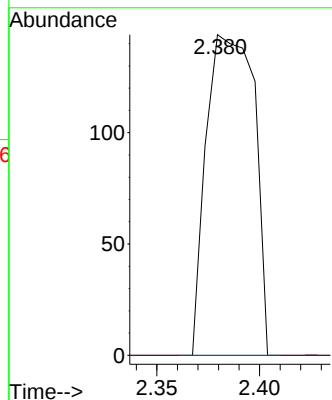
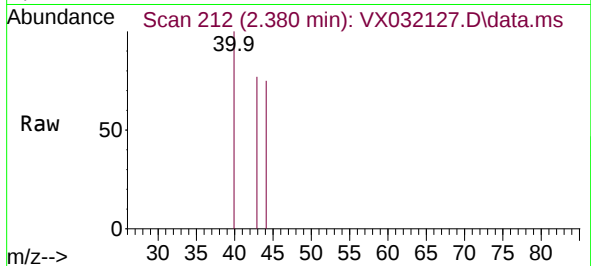




#16
Acetone
Concen: 0.383 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX032127.D
Acq: 14 Oct 2022 11:35

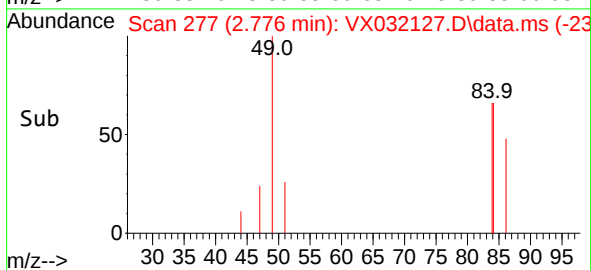
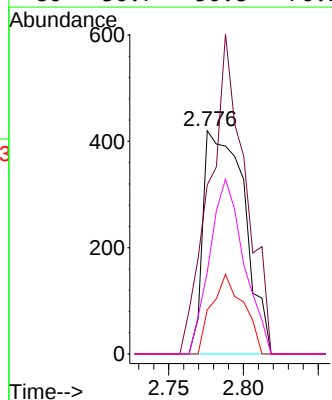
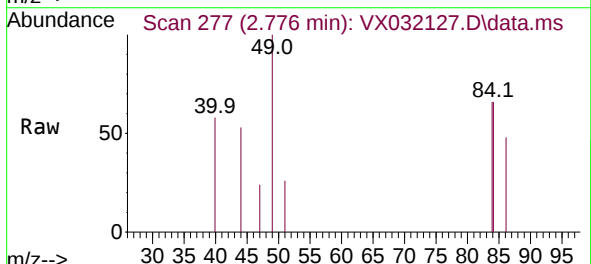
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBL01

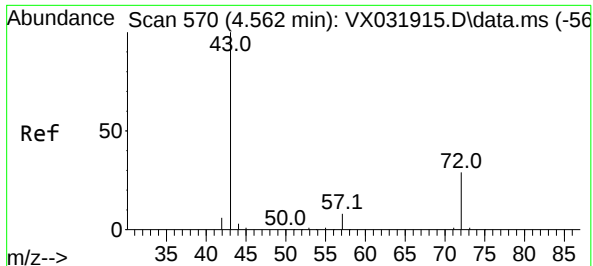
Tgt Ion: 43 Resp: 234
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#20
Methylene Chloride
Concen: 0.500 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX032127.D
Acq: 14 Oct 2022 11:35

Tgt Ion: 84 Resp: 802
Ion Ratio Lower Upper
84 100
49 75.7 105.9 158.9#
51 19.8 32.2 48.2#
86 36.7 50.8 76.2#





#25

2-Butanone

Concen: 0.316 ug/l

RT: 4.599 min Scan# 51

Delta R.T. 0.037 min

Lab File: VX032127.D

Acq: 14 Oct 2022 11:35

Instrument :

MSVOA_X

ClientSampleId :

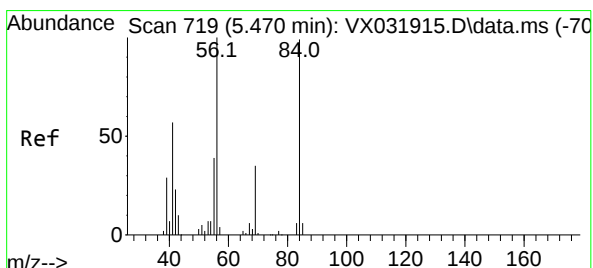
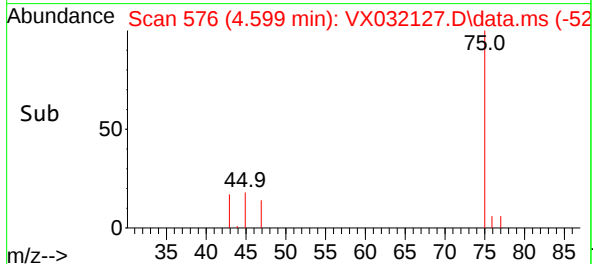
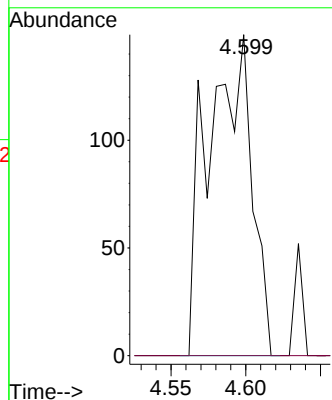
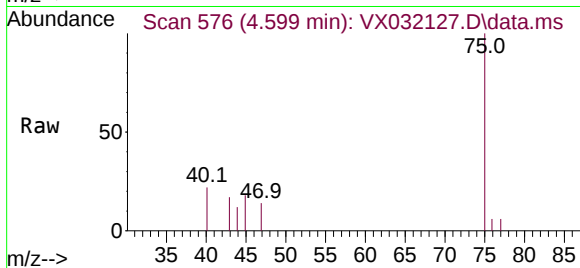
VX1014MBL01

Tgt Ion: 43 Resp: 301

Ion Ratio Lower Upper

43 100

72 0.0 21.1 31.7#



#31

Cyclohexane

Concen: 1.073 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.074 min

Lab File: VX032127.D

Acq: 14 Oct 2022 11:35

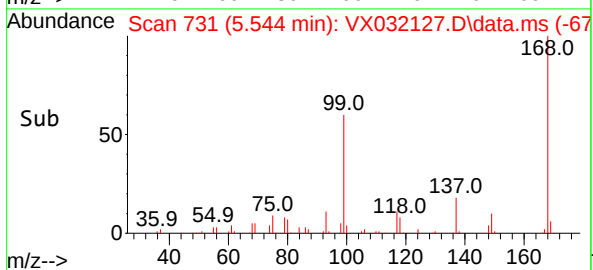
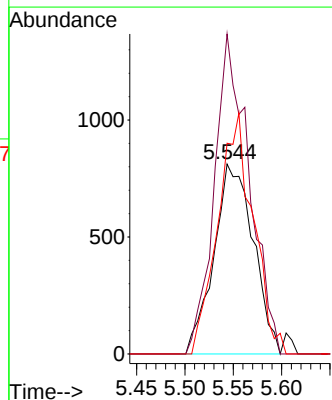
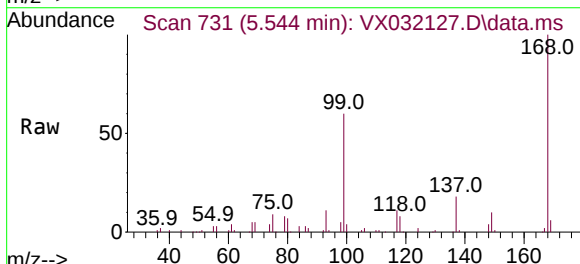
Tgt Ion: 56 Resp: 2301

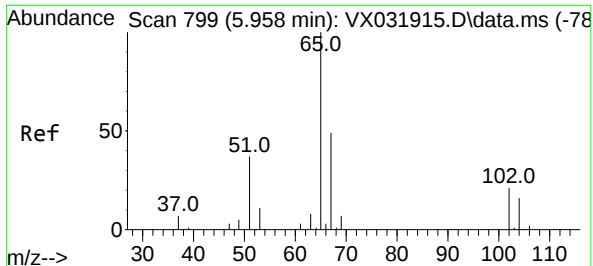
Ion Ratio Lower Upper

56 100

69 168.5 25.1 37.7#

84 111.0 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 52.970 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032127.D

Acq: 14 Oct 2022 11:35

Instrument :

MSVOA_X

ClientSampleId :

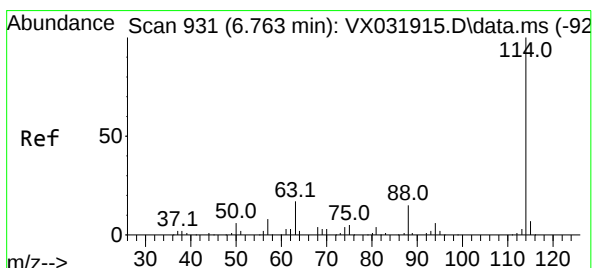
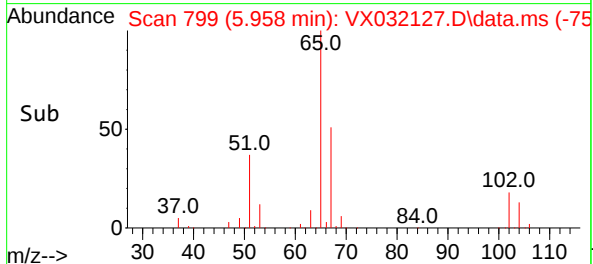
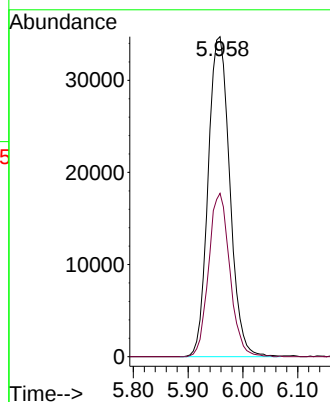
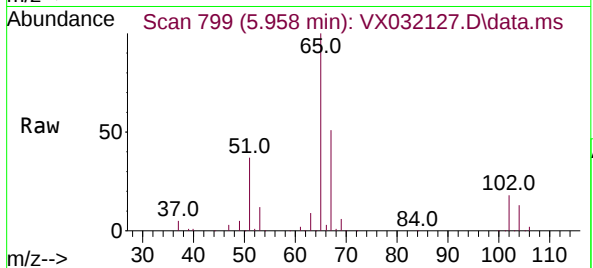
VX1014MBL01

Tgt Ion: 65 Resp: 95107

Ion Ratio Lower Upper

65 100

67 50.0 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032127.D

Acq: 14 Oct 2022 11:35

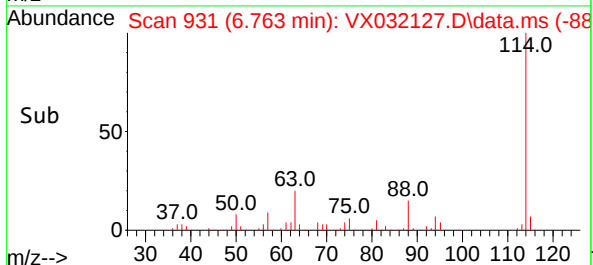
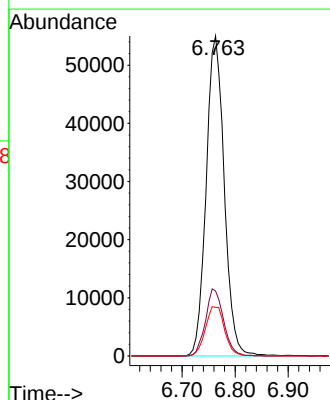
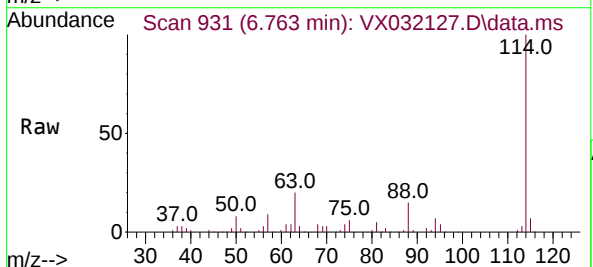
Tgt Ion: 114 Resp: 129963

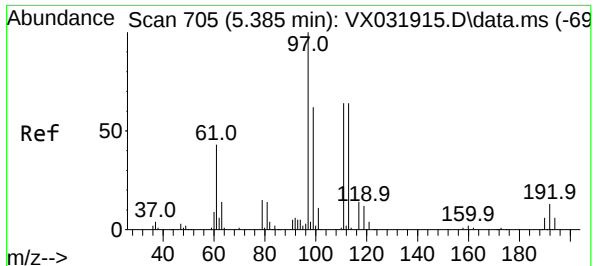
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

88 15.2 0.0 33.0

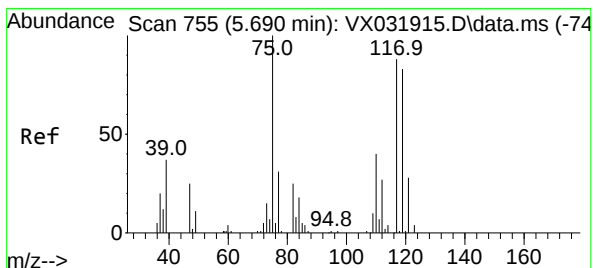
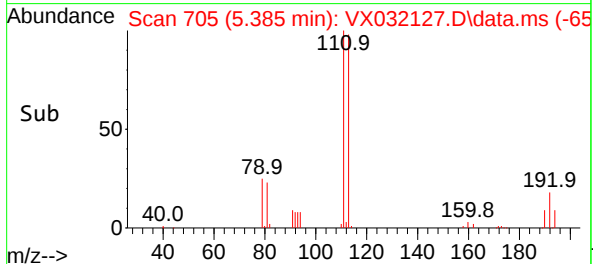
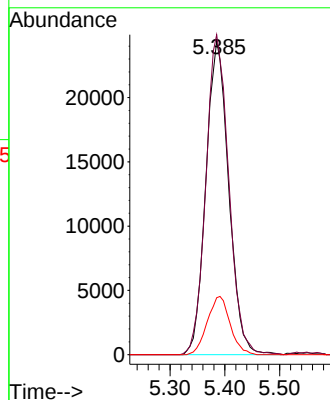
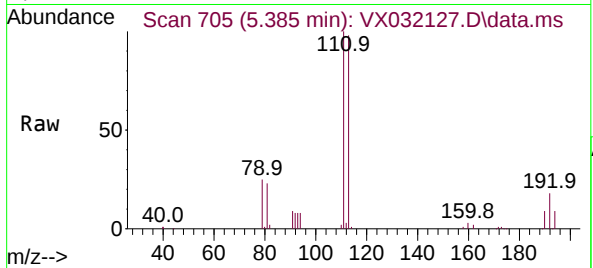




#35
Dibromofluoromethane
Concen: 47.879 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032127.D
Acq: 14 Oct 2022 11:35

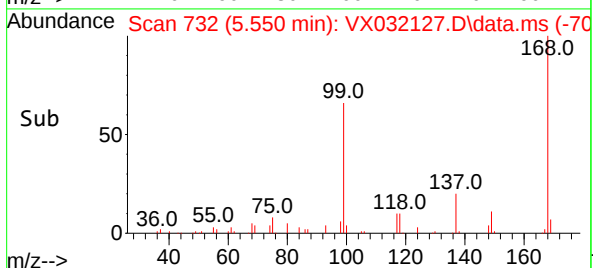
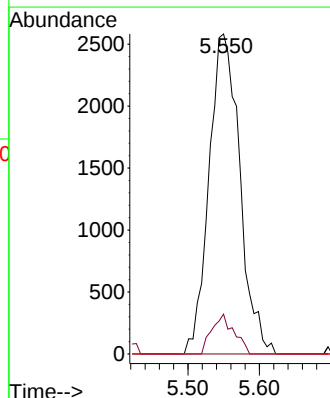
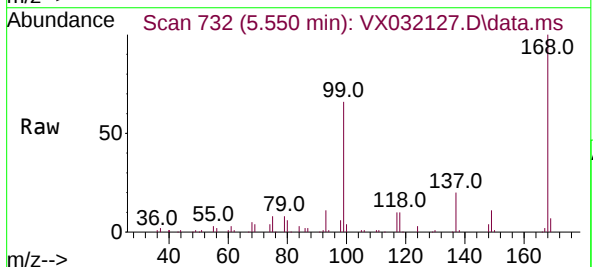
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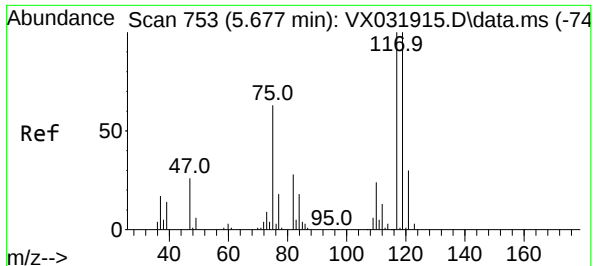
Tgt Ion:113 Resp: 70435
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 18.6 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.957 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX032127.D
Acq: 14 Oct 2022 11:35

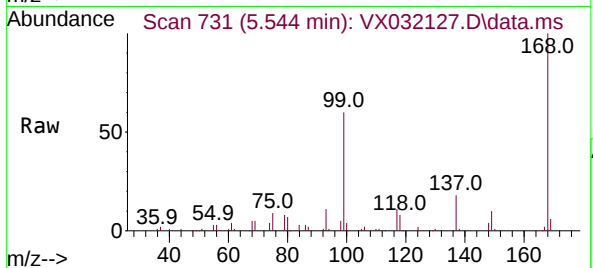
Tgt Ion: 75 Resp: 7719
Ion Ratio Lower Upper
75 100
110 9.0 17.5 52.5#
77 0.0 24.9 37.3#



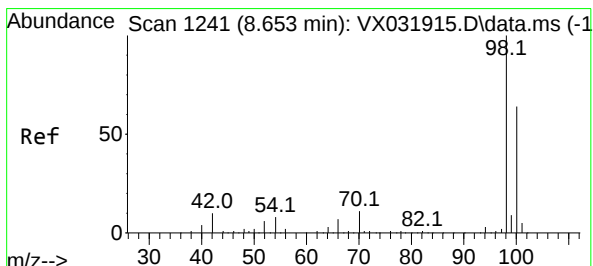
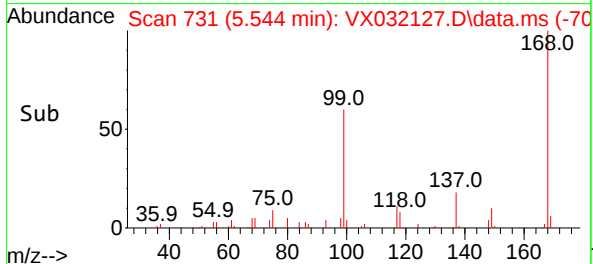
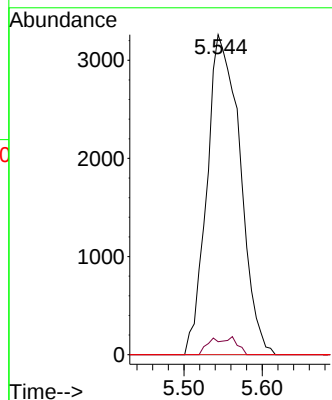


#38
Carbon Tetrachloride
Concen: 4.806 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.133 min
Lab File: VX032127.D
Acq: 14 Oct 2022 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBL01

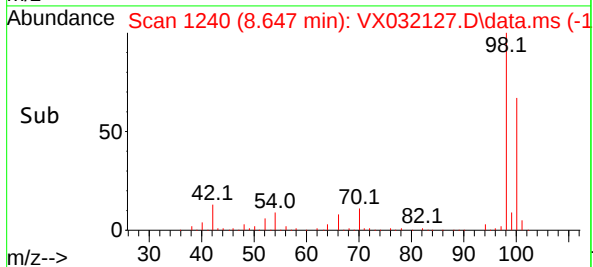
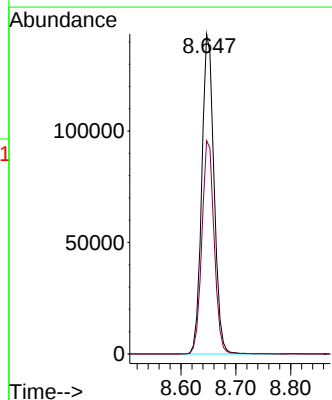
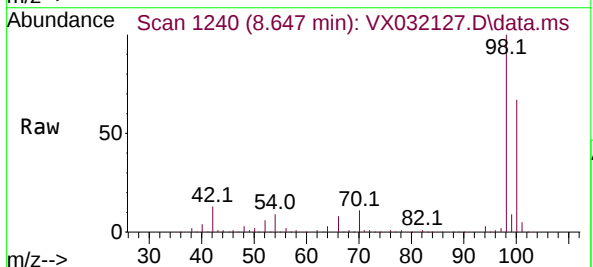


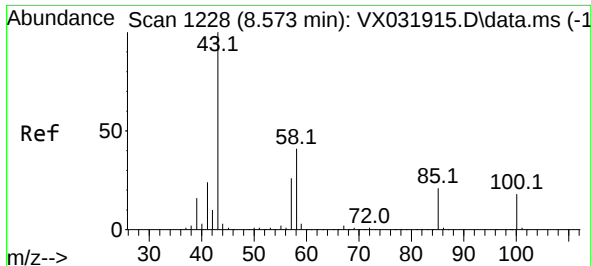
Tgt Ion:117 Resp: 9587
Ion Ratio Lower Upper
117 100
119 4.0 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 42.016 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032127.D
Acq: 14 Oct 2022 11:35

Tgt Ion: 98 Resp: 222416
Ion Ratio Lower Upper
98 100
100 67.0 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.586 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.074 min

Lab File: VX032127.D

Acq: 14 Oct 2022 11:35

Instrument :

MSVOA_X

ClientSampleId :

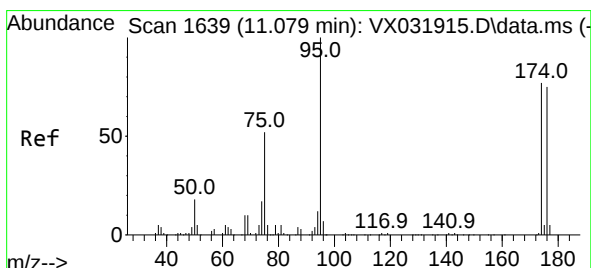
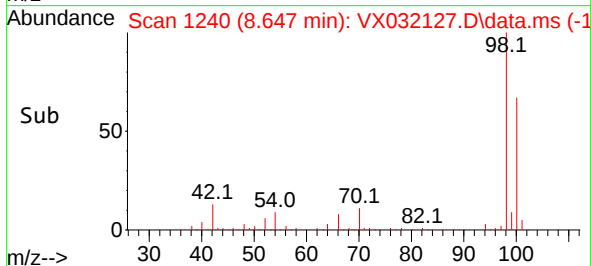
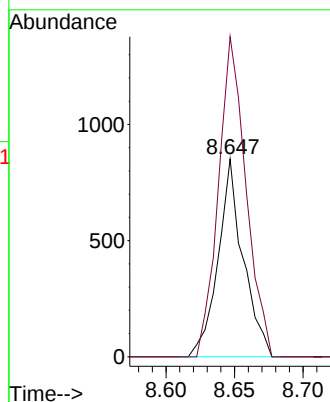
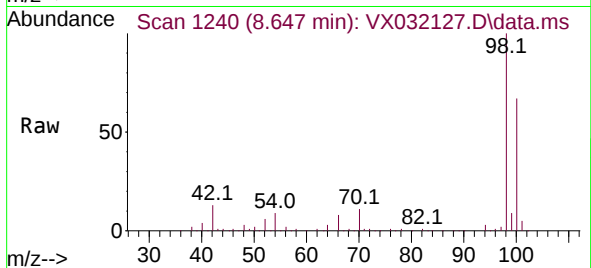
VX1014MBL01

Tgt Ion: 43 Resp: 1082

Ion Ratio Lower Upper

43 100

58 178.0 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 49.115 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032127.D

Acq: 14 Oct 2022 11:35

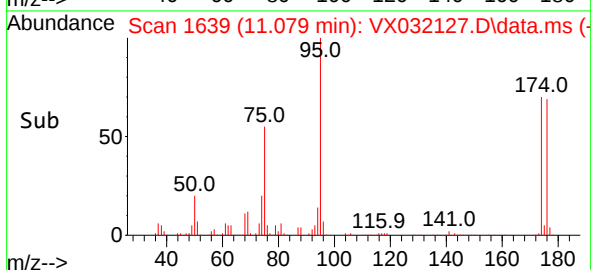
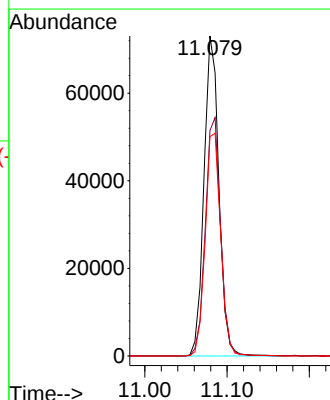
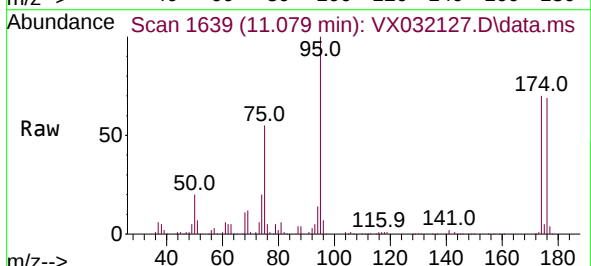
Tgt Ion: 95 Resp: 91915

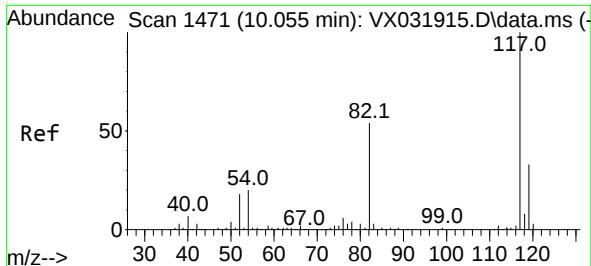
Ion Ratio Lower Upper

95 100

174 76.3 0.0 153.2

176 72.0 0.0 144.0

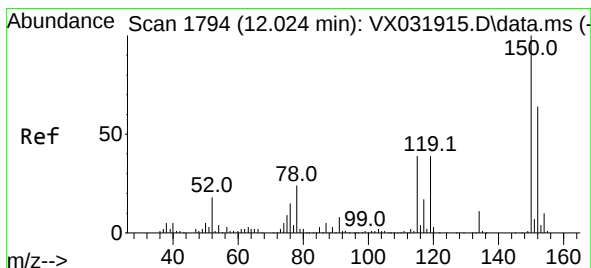
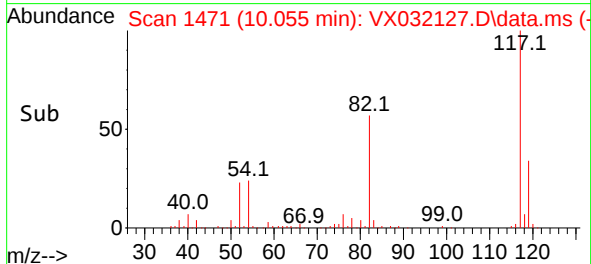
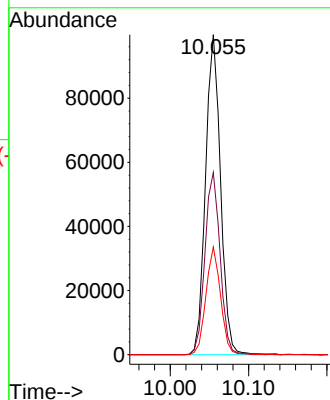
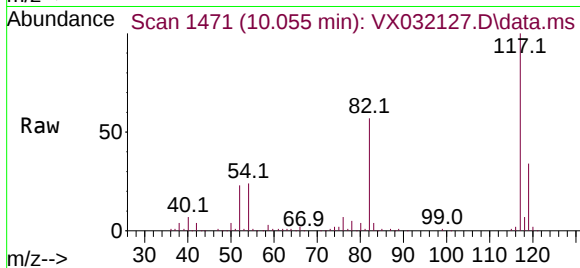




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032127.D
Acq: 14 Oct 2022 11:35

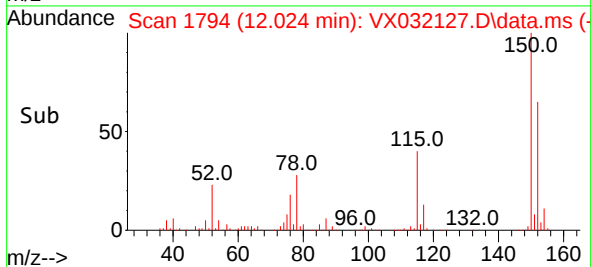
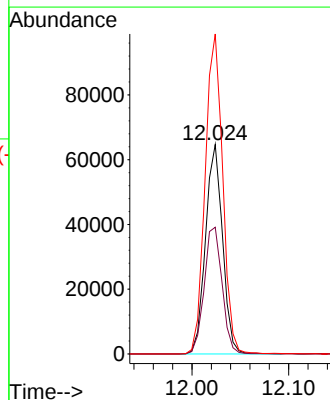
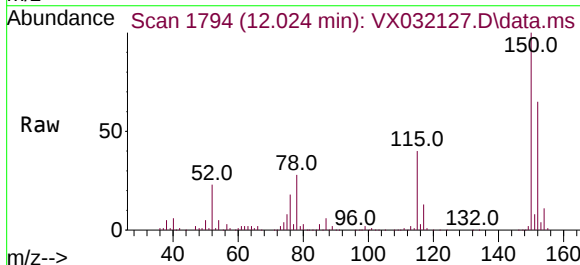
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBL01

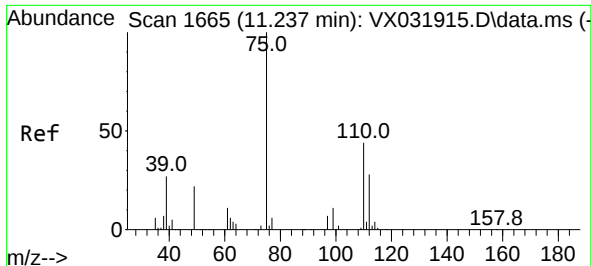
Tgt Ion:117 Resp: 132481
Ion Ratio Lower Upper
117 100
82 57.0 46.8 70.2
119 33.6 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032127.D
Acq: 14 Oct 2022 11:35

Tgt Ion:152 Resp: 79433
Ion Ratio Lower Upper
152 100
115 63.5 43.4 130.1
150 157.6 0.0 346.8

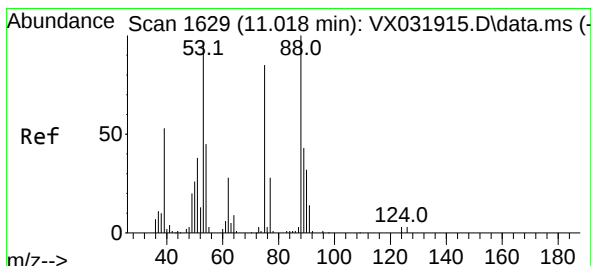
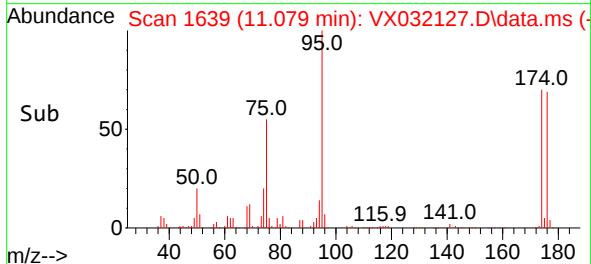
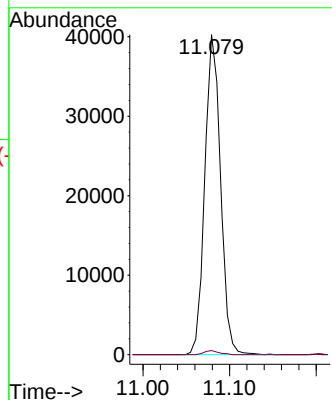
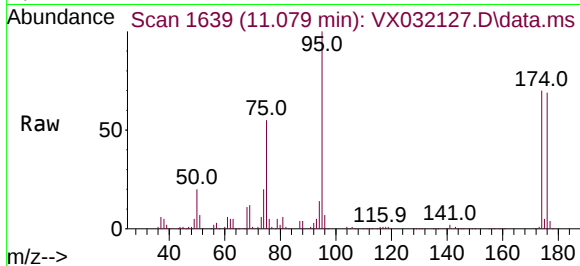




#76
1,2,3-Trichloropropane
Concen: 31.221 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032127.D
Acq: 14 Oct 2022 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBL01

Tgt Ion: 75 Resp: 50827
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.418 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032127.D
Acq: 14 Oct 2022 11:35

Tgt Ion: 75 Resp: 50827
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

