

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101122\
 Data File : VX032033.D
 Acq On : 11 Oct 2022 13:49
 Operator : JC/MD
 Sample : N5046-10ME
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 R-10

Quant Time: Oct 11 16:24:53 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)

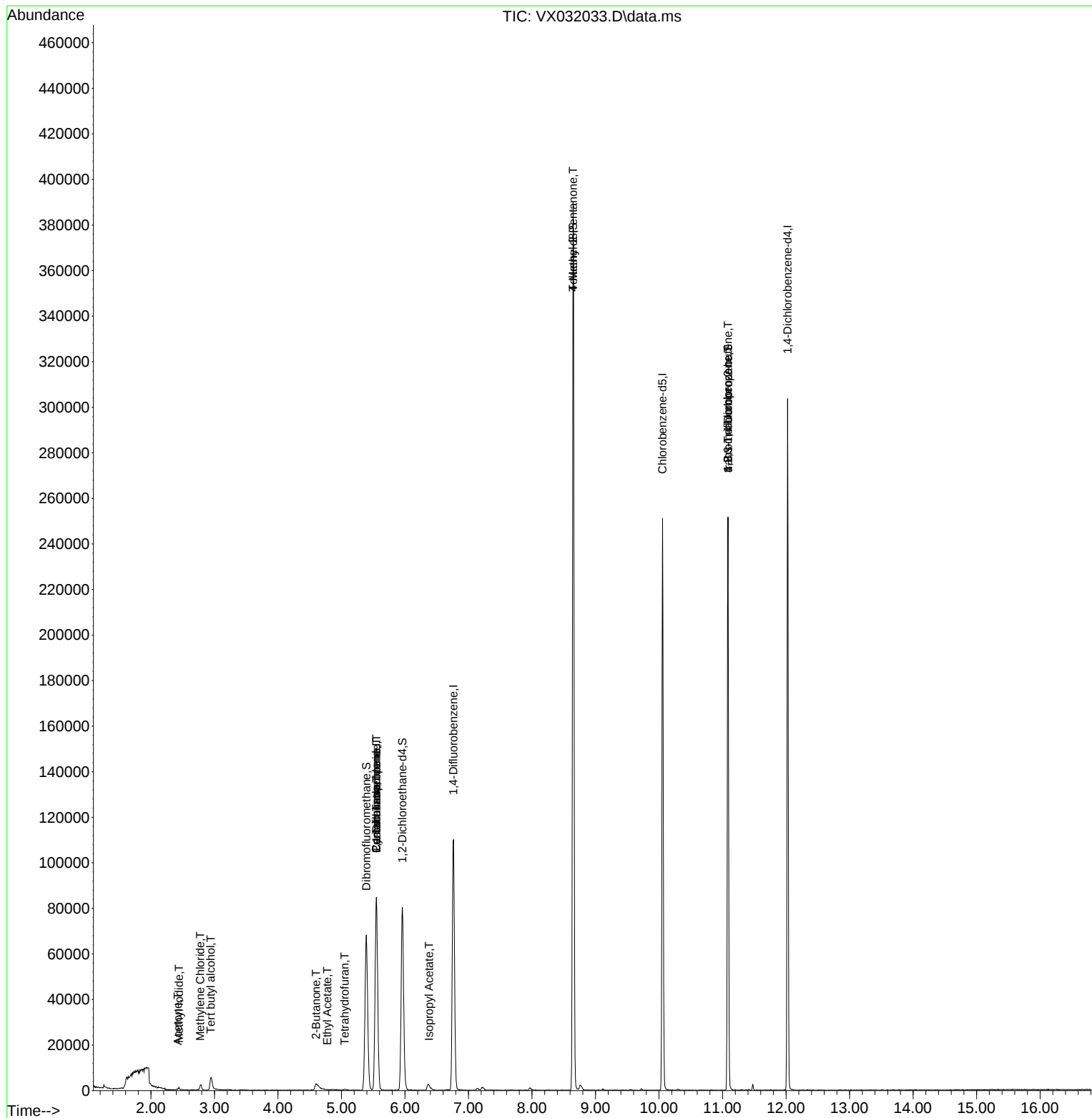
Internal Standards						
1) Pentafluorobenzene	5.550	168	79350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	115419	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79273	48.374	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.740%		
35) Dibromofluoromethane	5.391	113	58180	44.532	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.060%		
50) Toluene-d8	8.647	98	231831	49.314	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.620%		
62) 4-Bromofluorobenzene	11.085	95	67293	40.489	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	80.980%#		
Target Compounds						
5) Bromomethane	1.611	94	974	Below Cal		95
10) Methyl Iodide	2.441	142	656	3.219 ug/l #		87
11) Tert butyl alcohol	2.940	59	4053	19.879 ug/l #		73
13) Acrolein	1.965	56	61	Below Cal #		6
16) Acetone	2.422	43	626	1.124 ug/l #		45
20) Methylene Chloride	2.776	84	1368	0.935 ug/l #		78
25) 2-Butanone	4.599	43	9418	10.817 ug/l		95
29) Tetrahydrofuran	5.050	42	338	0.602 ug/l #		71
31) Cyclohexane	5.550	56	1857	0.949 ug/l #		7
36) 1,1-Dichloropropene	5.550	75	6341	3.660 ug/l #		51
37) Ethyl Acetate	4.775	43	478	0.293 ug/l #		68
38) Carbon Tetrachloride	5.550	117	7986	4.508 ug/l #		17
43) Isopropyl Acetate	6.379	43	1461	0.590 ug/l #		61
51) 4-Methyl-2-Pentanone	8.647	43	1100	0.671 ug/l #		1
76) 1,2,3-Trichloropropane	11.085	75	35682	28.643 ug/l #		37
81) trans-1,4-Dichloro-2-b...	11.085	75	35682	97.927 ug/l #		11

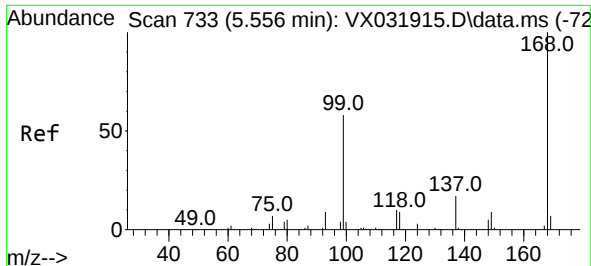
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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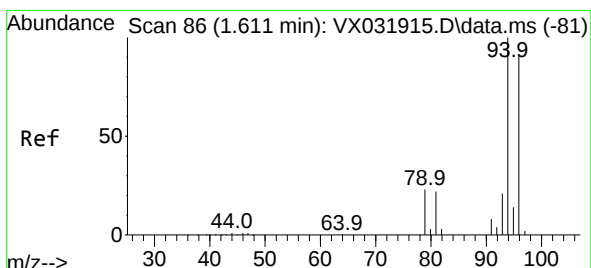
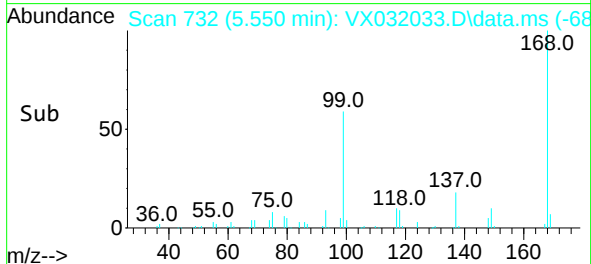
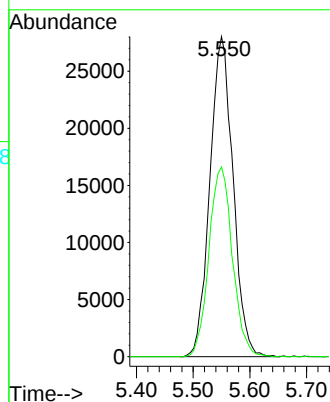
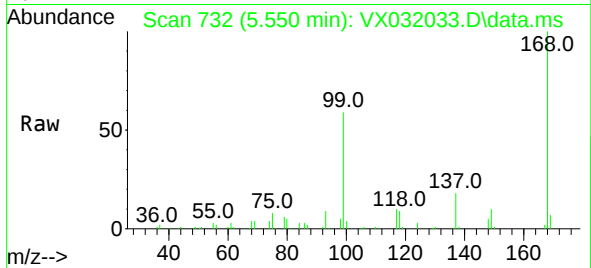




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032033.D
Acq: 11 Oct 2022 13:49

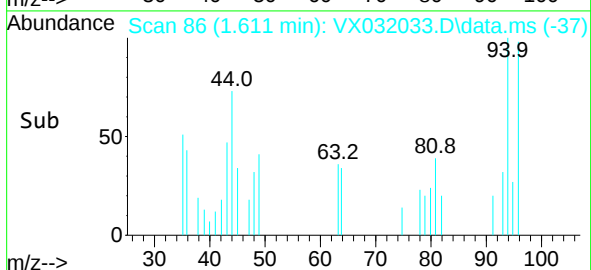
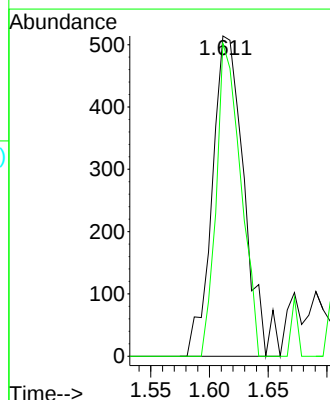
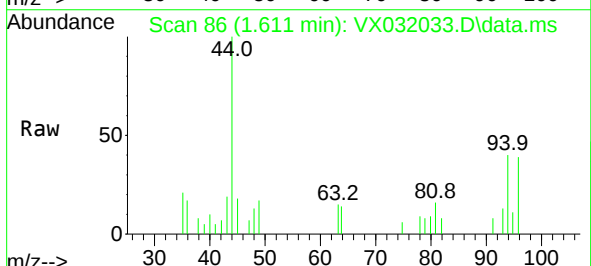
Instrument :
MSVOA_X
ClientSampleId :
R-10

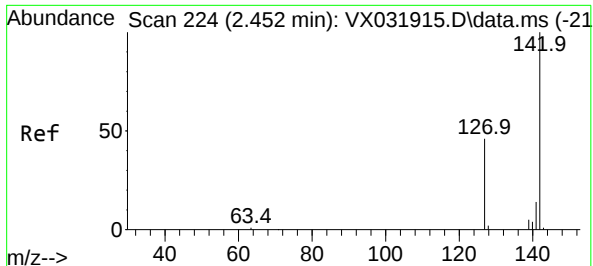
Tgt Ion:168 Resp: 79350
Ion Ratio Lower Upper
168 100
99 59.3 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX032033.D
Acq: 11 Oct 2022 13:49

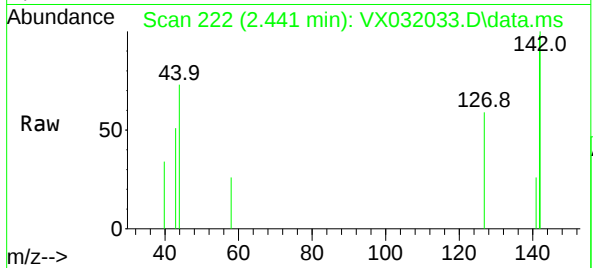
Tgt Ion: 94 Resp: 974
Ion Ratio Lower Upper
94 100
96 97.7 74.4 111.6



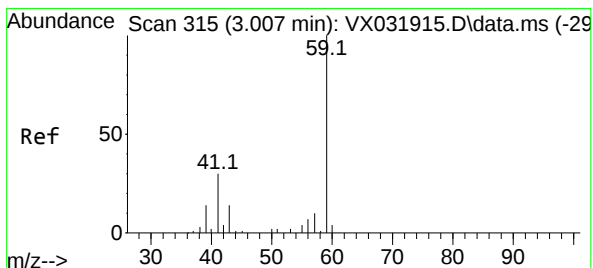
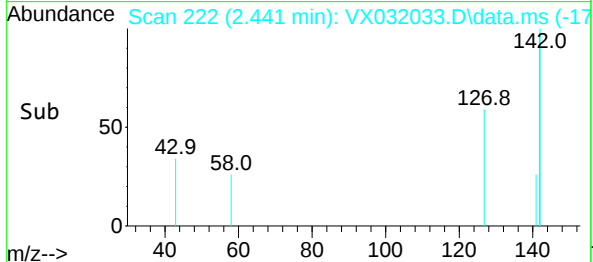
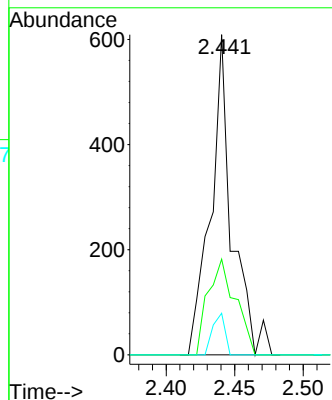


#10
Methyl Iodide
Concen: 3.219 ug/l
RT: 2.441 min Scan# 21
Delta R.T. -0.011 min
Lab File: VX032033.D
Acq: 11 Oct 2022 13:49

Instrument :
MSVOA_X
ClientSampleId :
R-10

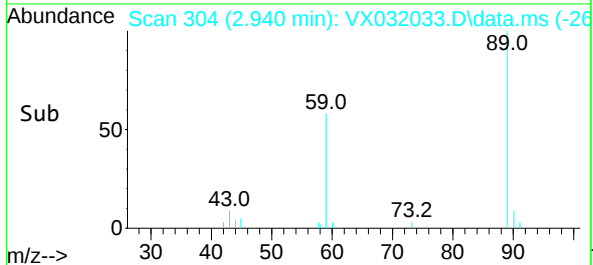
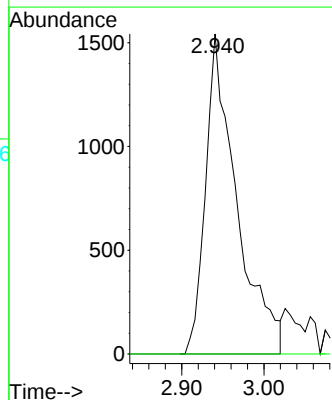
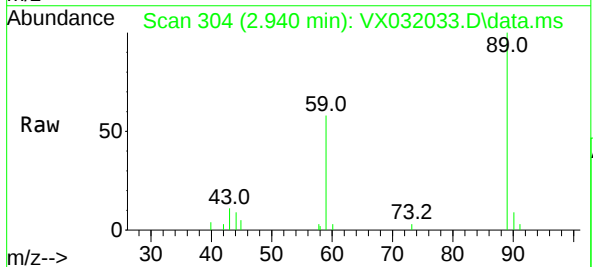


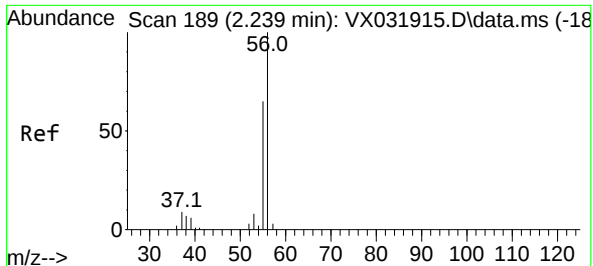
Tgt Ion:142 Resp: 656
Ion Ratio Lower Upper
142 100
127 38.6 37.4 56.0
141 7.6 11.6 17.4#



#11
Tert butyl alcohol
Concen: 19.879 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX032033.D
Acq: 11 Oct 2022 13:49

Tgt Ion: 59 Resp: 4053
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

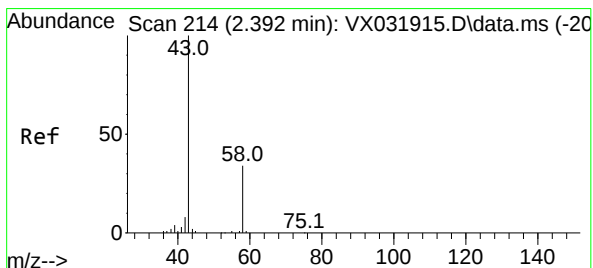
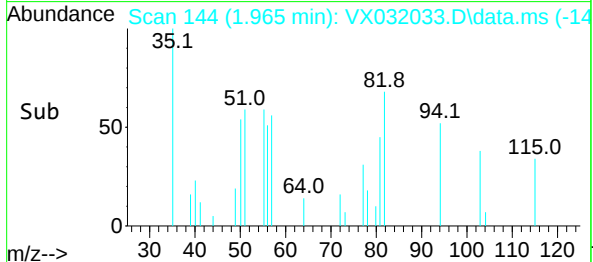
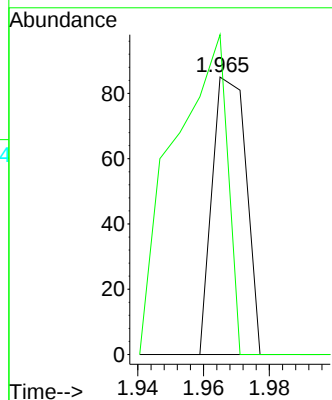
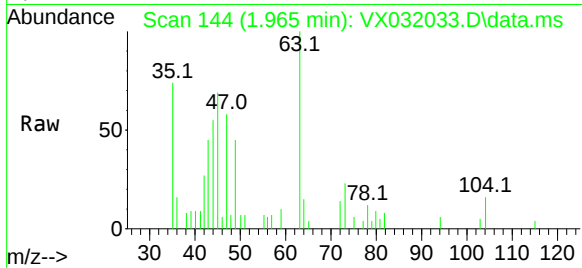




#13
Acrolein
Concen: Below Cal
RT: 1.965 min Scan# 14
Delta R.T. -0.274 min
Lab File: VX032033.D
Acq: 11 Oct 2022 13:49

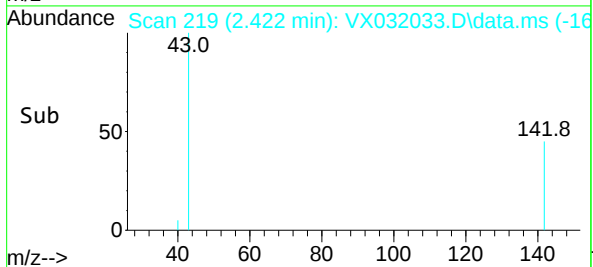
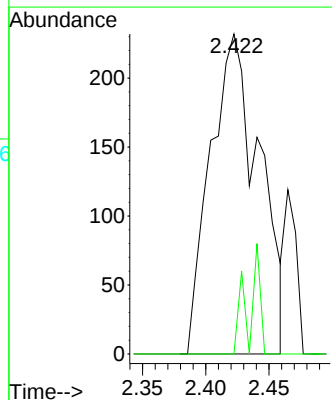
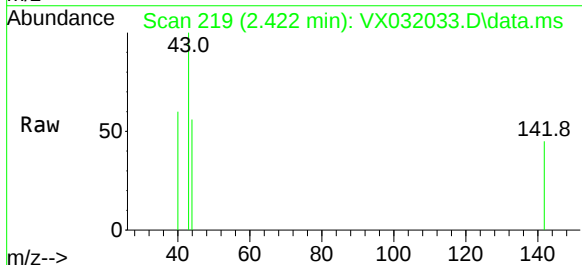
Instrument :
MSVOA_X
ClientSampleId :
R-10

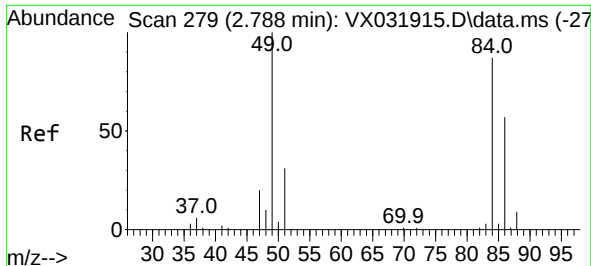
Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 147.5 56.0 84.0#



#16
Acetone
Concen: 1.124 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.030 min
Lab File: VX032033.D
Acq: 11 Oct 2022 13:49

Tgt Ion: 43 Resp: 626
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#

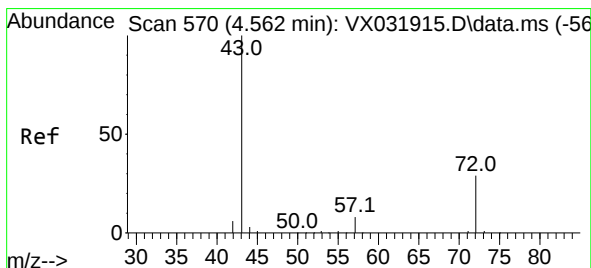
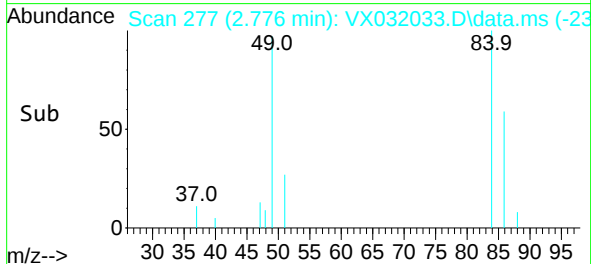
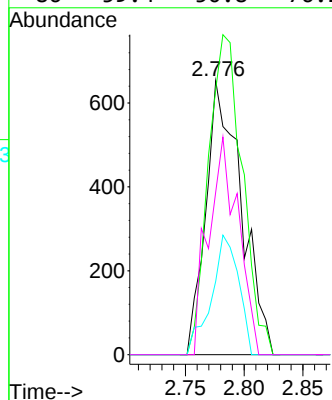
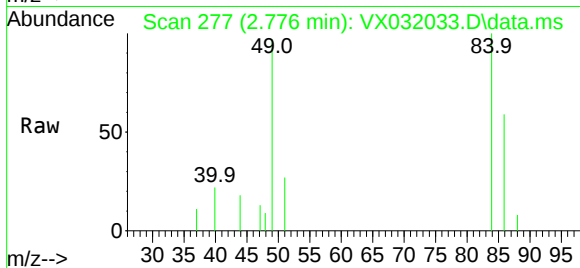




#20
Methylene Chloride
Concen: 0.935 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX032033.D
Acq: 11 Oct 2022 13:49

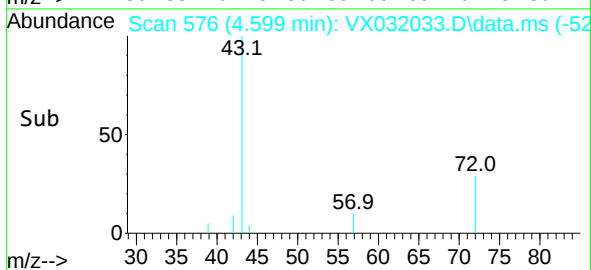
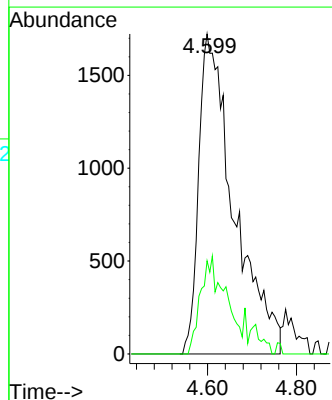
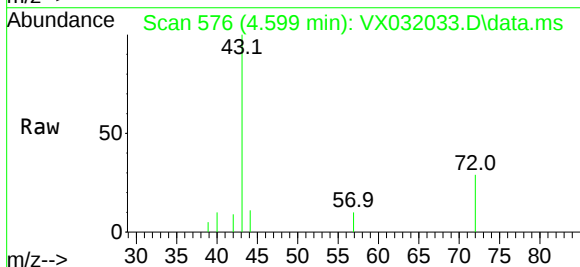
Instrument :
MSVOA_X
ClientSampleId :
R-10

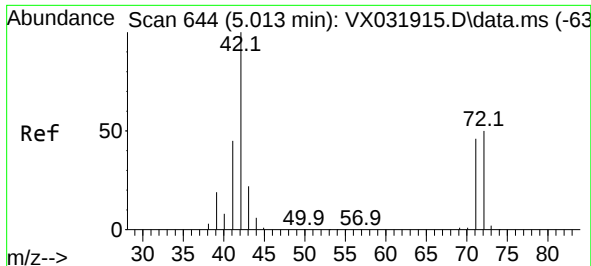
Tgt Ion: 84	Resp: 1368
Ion Ratio	Lower Upper
84 100	
49 96.9	105.9 158.9#
51 26.8	32.2 48.2#
86 59.4	50.8 76.2



#25
2-Butanone
Concen: 10.817 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.037 min
Lab File: VX032033.D
Acq: 11 Oct 2022 13:49

Tgt Ion: 43	Resp: 9418
Ion Ratio	Lower Upper
43 100	
72 29.1	21.1 31.7





#29

Tetrahydrofuran

Concen: 0.602 ug/l

RT: 5.050 min Scan# 61

Delta R.T. 0.037 min

Lab File: VX032033.D

Acq: 11 Oct 2022 13:49

Instrument :

MSVOA_X

ClientSampleId :

R-10

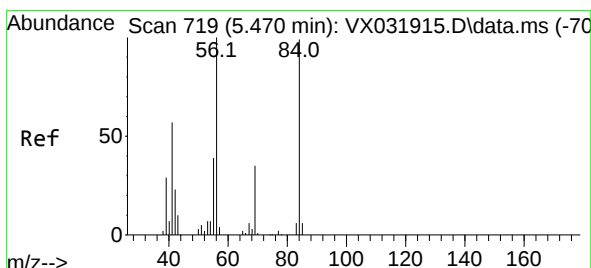
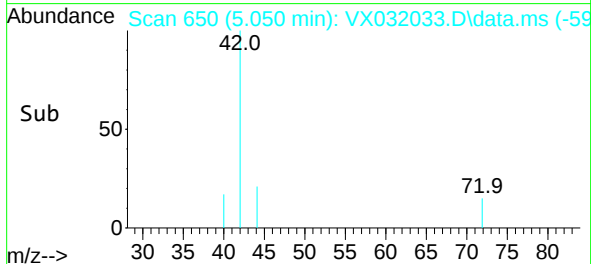
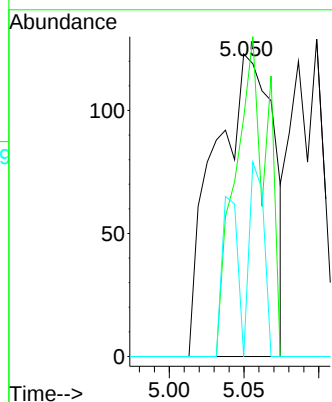
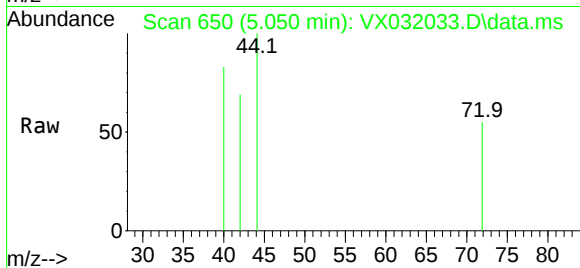
Tgt Ion: 42 Resp: 338

Ion Ratio Lower Upper

42 100

72 57.4 36.4 54.6#

71 16.0 33.5 50.3#



#31

Cyclohexane

Concen: 0.949 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX032033.D

Acq: 11 Oct 2022 13:49

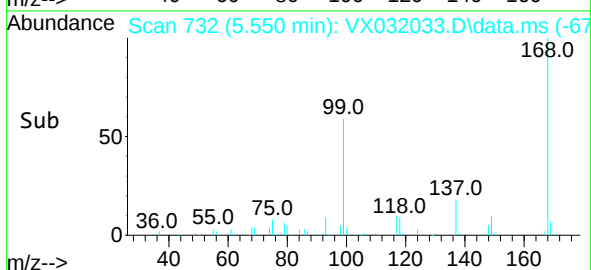
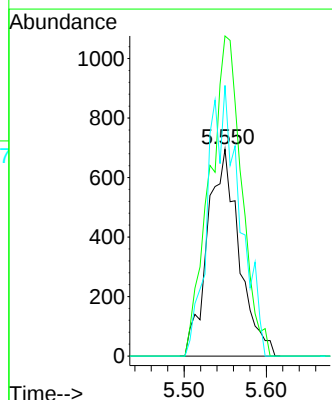
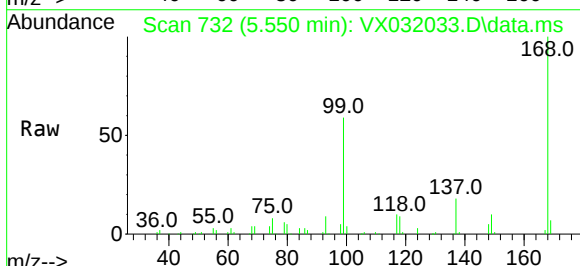
Tgt Ion: 56 Resp: 1857

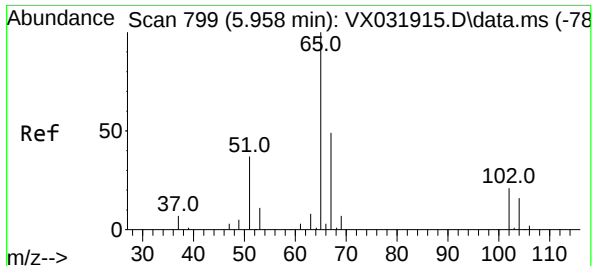
Ion Ratio Lower Upper

56 100

69 154.8 25.1 37.7#

84 130.9 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 48.374 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032033.D

Acq: 11 Oct 2022 13:49

Instrument :

MSVOA_X

ClientSampleId :

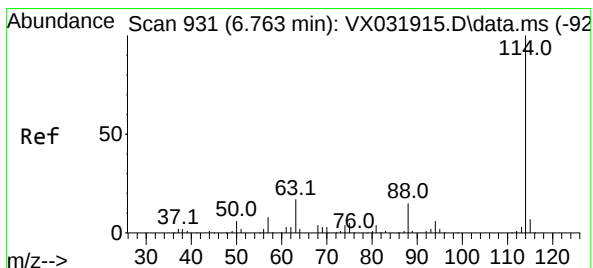
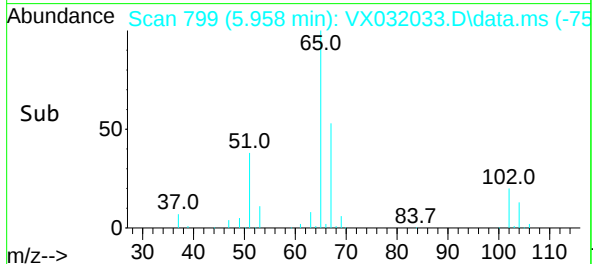
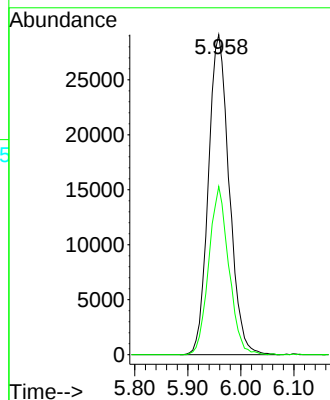
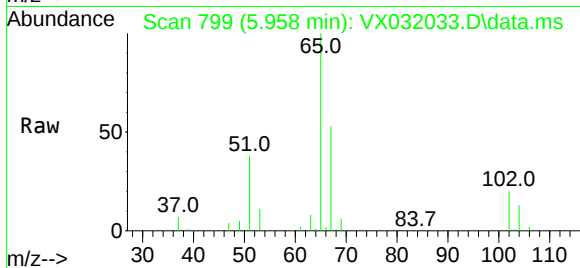
R-10

Tgt Ion: 65 Resp: 79273

Ion Ratio Lower Upper

65 100

67 50.5 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: VX032033.D

Acq: 11 Oct 2022 13:49

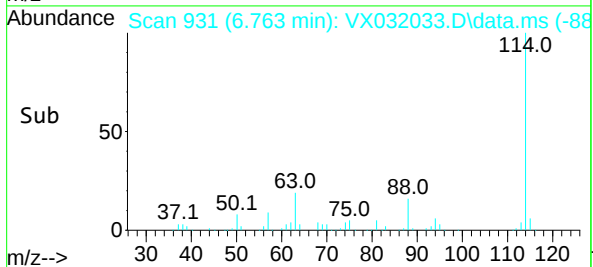
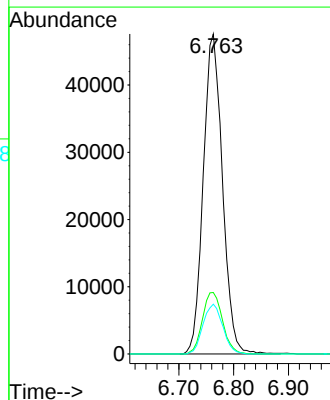
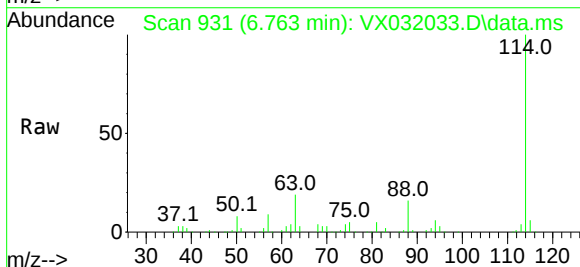
Tgt Ion: 114 Resp: 115419

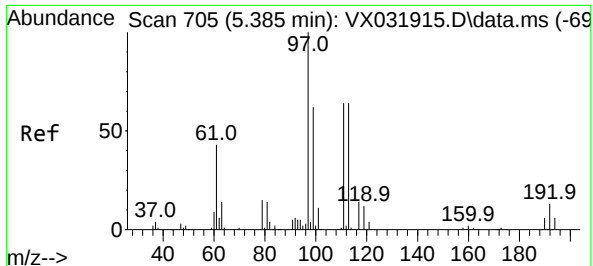
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.6

88 15.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 44.532 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX032033.D

Acq: 11 Oct 2022 13:49

Instrument :

MSVOA_X

ClientSampleId :

R-10

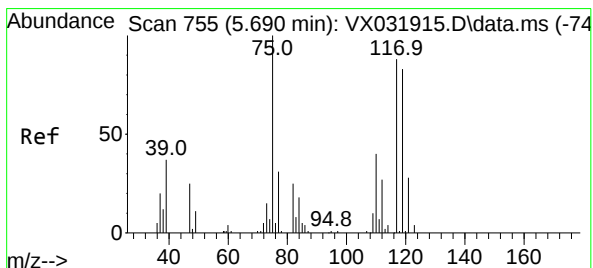
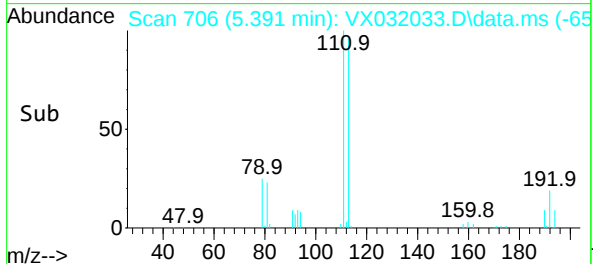
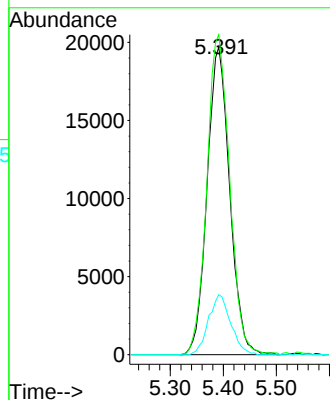
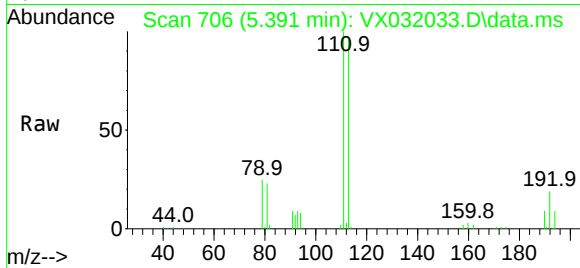
Tgt Ion:113 Resp: 58180

Ion Ratio Lower Upper

113 100

111 105.4 82.4 123.6

192 19.2 14.1 21.1



#36

1,1-Dichloropropene

Concen: 3.660 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX032033.D

Acq: 11 Oct 2022 13:49

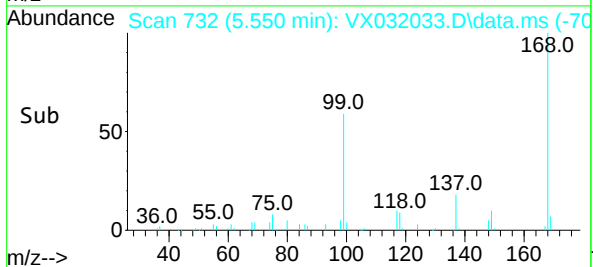
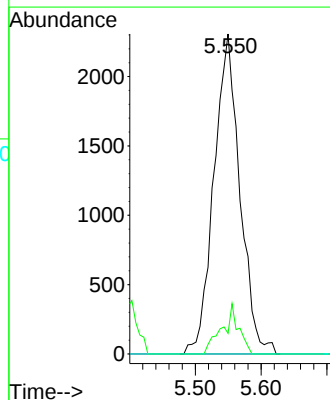
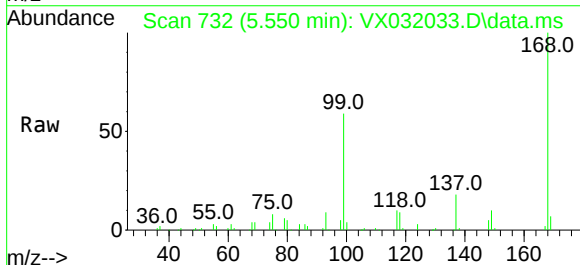
Tgt Ion: 75 Resp: 6341

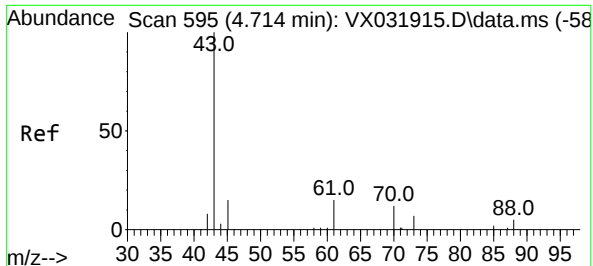
Ion Ratio Lower Upper

75 100

110 10.0 17.5 52.5#

77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 0.293 ug/l

RT: 4.775 min Scan# 605

Delta R.T. 0.061 min

Lab File: VX032033.D

Acq: 11 Oct 2022 13:49

Instrument :

MSVOA_X

ClientSampleId :

R-10

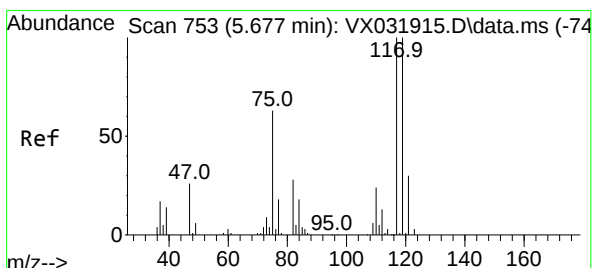
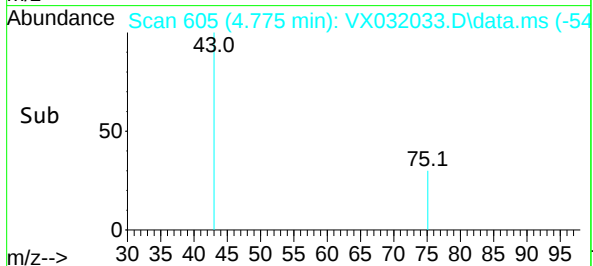
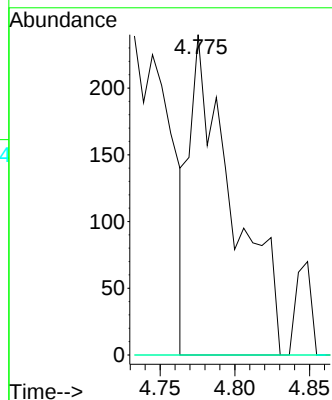
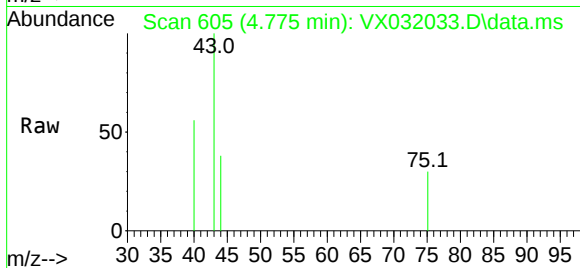
Tgt Ion: 43 Resp: 478

Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

70 0.0 8.6 13.0#



#38

Carbon Tetrachloride

Concen: 4.508 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.127 min

Lab File: VX032033.D

Acq: 11 Oct 2022 13:49

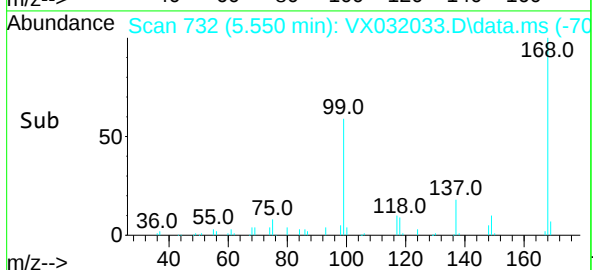
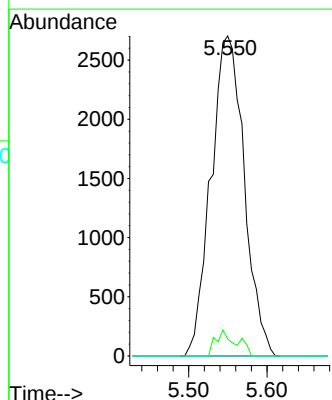
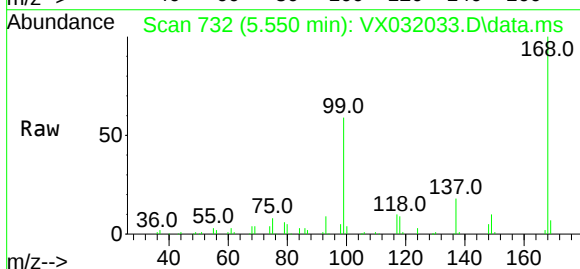
Tgt Ion: 117 Resp: 7986

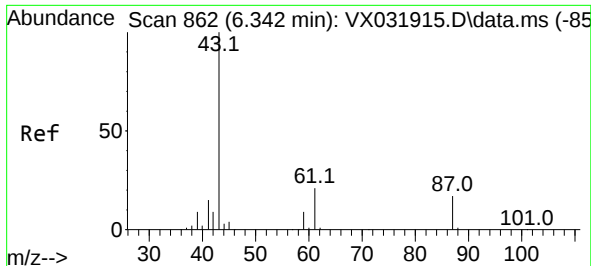
Ion Ratio Lower Upper

117 100

119 5.3 74.6 112.0#

121 0.0 25.3 37.9#

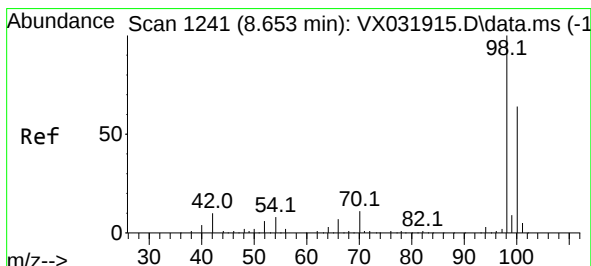
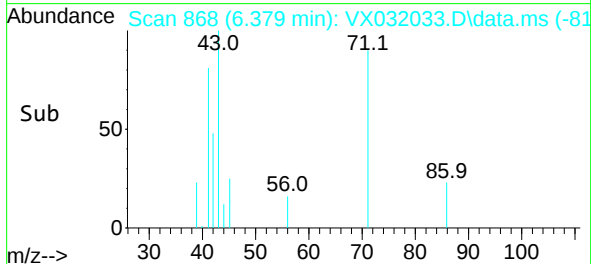
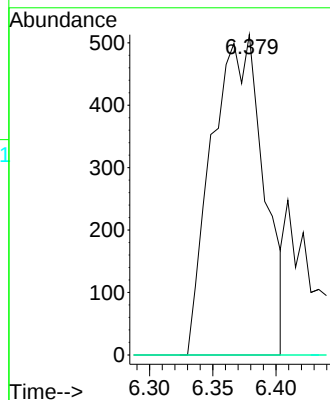
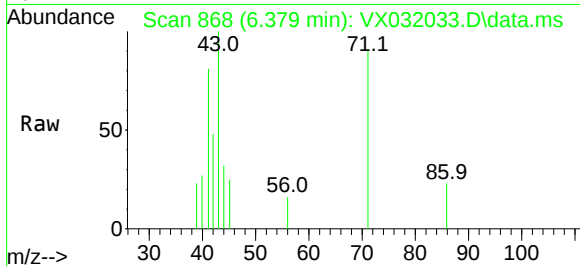




#43
Isopropyl Acetate
Concen: 0.590 ug/l
RT: 6.379 min Scan# 80
Delta R.T. 0.037 min
Lab File: VX032033.D
Acq: 11 Oct 2022 13:49

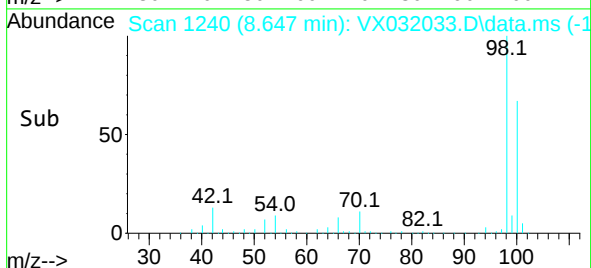
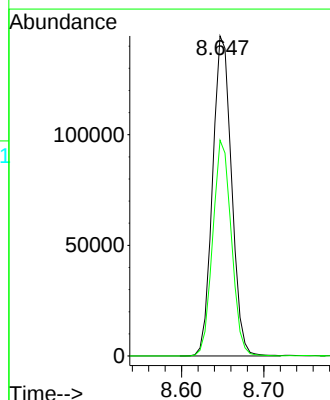
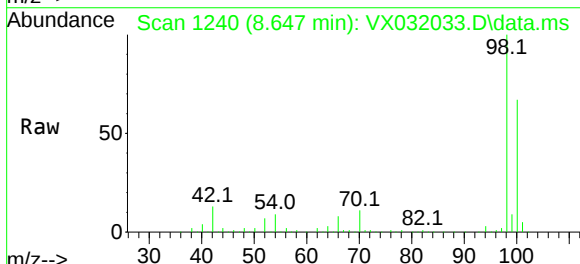
Instrument :
MSVOA_X
ClientSampleId :
R-10

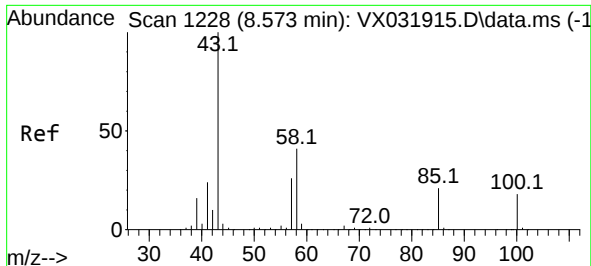
Tgt Ion: 43 Resp: 1461
Ion Ratio Lower Upper
43 100
61 0.0 15.3 22.9#
87 0.0 10.6 15.8#



#50
Toluene-d8
Concen: 49.314 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032033.D
Acq: 11 Oct 2022 13:49

Tgt Ion: 98 Resp: 231831
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7

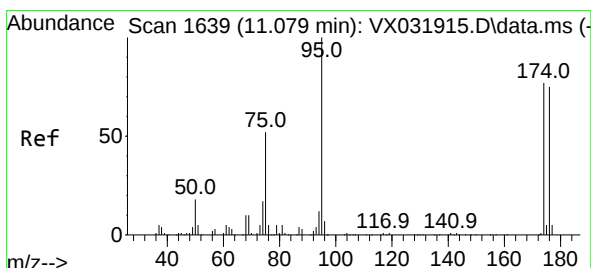
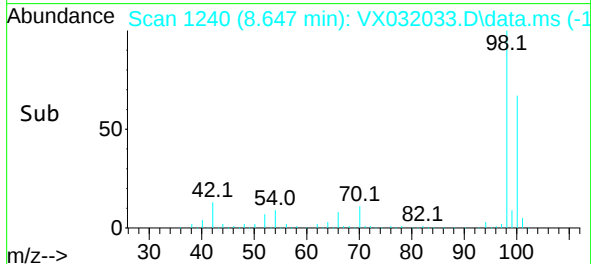
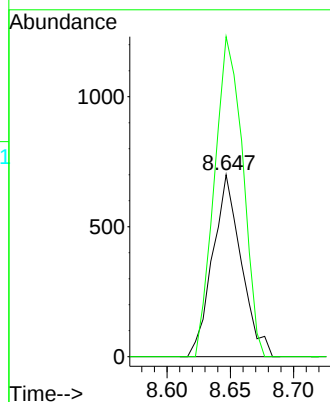
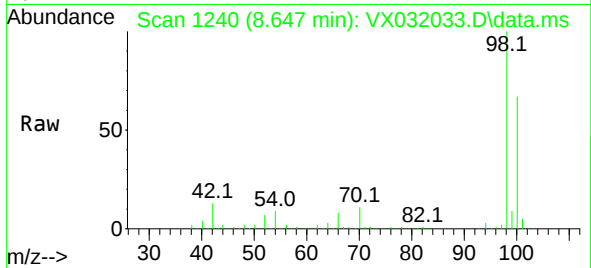




#51
4-Methyl-2-Pentanone
Concen: 0.671 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX032033.D
Acq: 11 Oct 2022 13:49

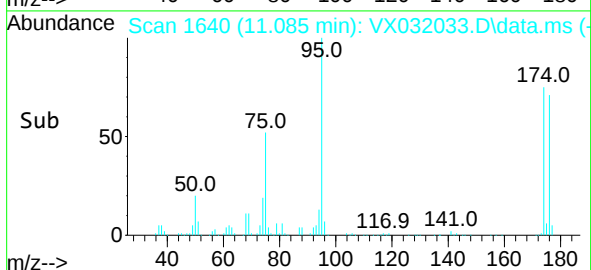
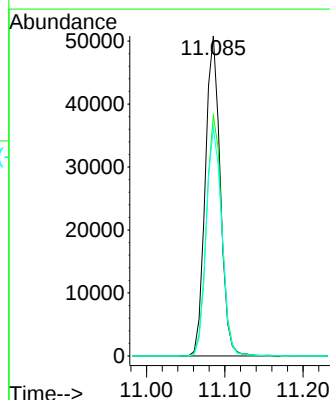
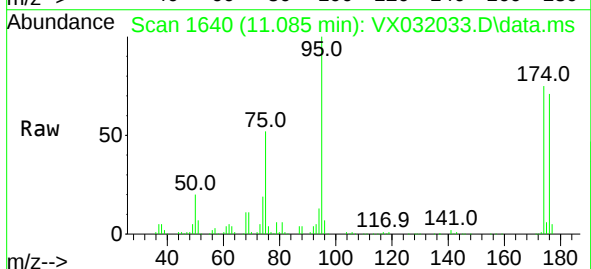
Instrument :
MSVOA_X
ClientSampleId :
R-10

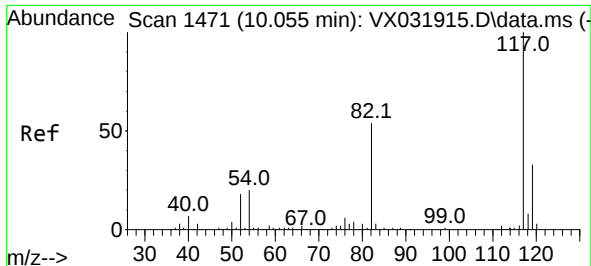
Tgt Ion: 43 Resp: 1100
Ion Ratio Lower Upper
43 100
58 174.0 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 40.489 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX032033.D
Acq: 11 Oct 2022 13:49

Tgt Ion: 95 Resp: 67293
Ion Ratio Lower Upper
95 100
174 77.8 0.0 153.2
176 73.7 0.0 144.0

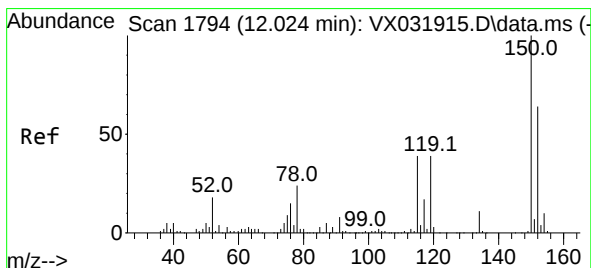
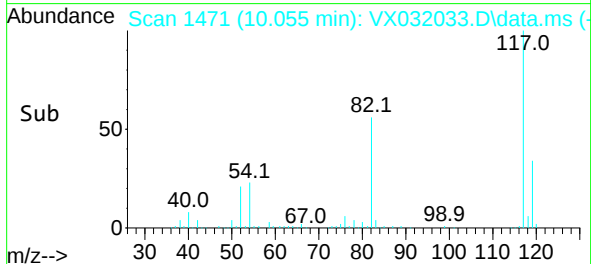
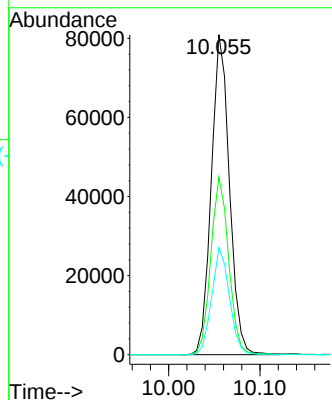
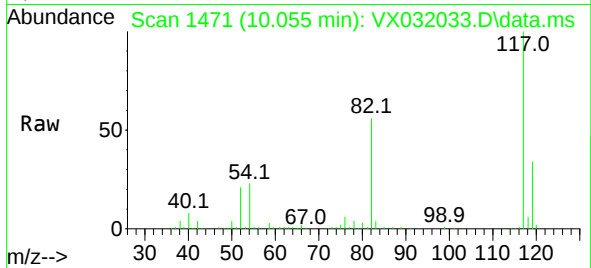




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032033.D
Acq: 11 Oct 2022 13:49

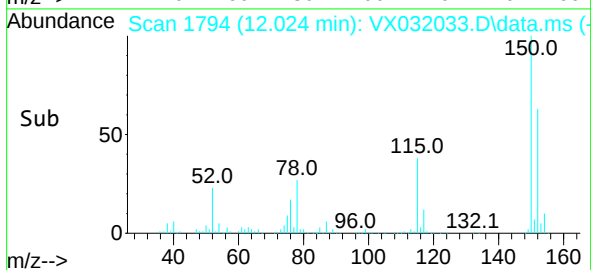
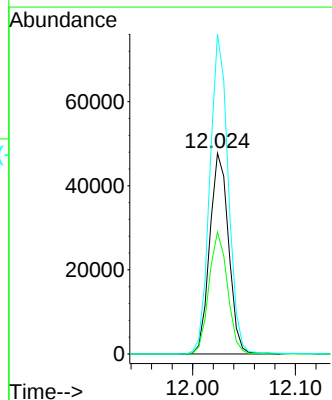
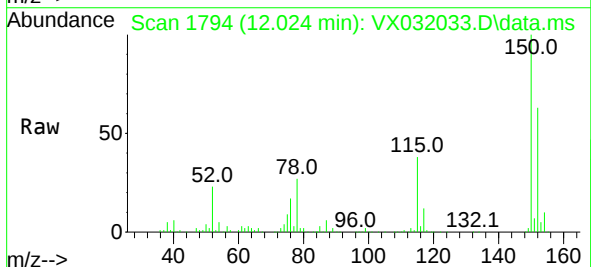
Instrument :
MSVOA_X
ClientSampleId :
R-10

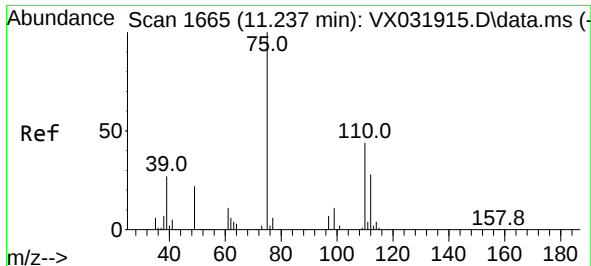
Tgt Ion:117 Resp: 111818
Ion Ratio Lower Upper
117 100
82 55.5 46.8 70.2
119 33.5 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032033.D
Acq: 11 Oct 2022 13:49

Tgt Ion:152 Resp: 60784
Ion Ratio Lower Upper
152 100
115 59.8 43.4 130.1
150 155.7 0.0 346.8

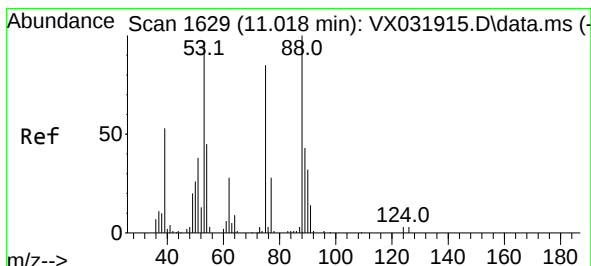
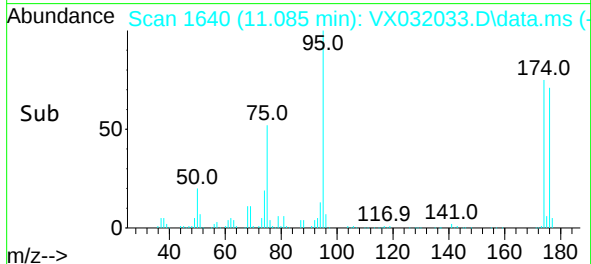
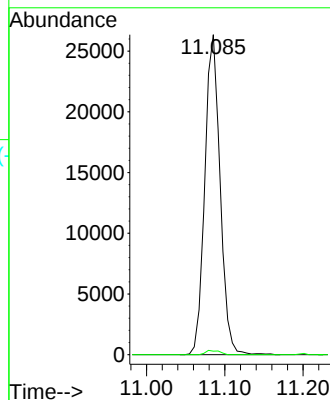
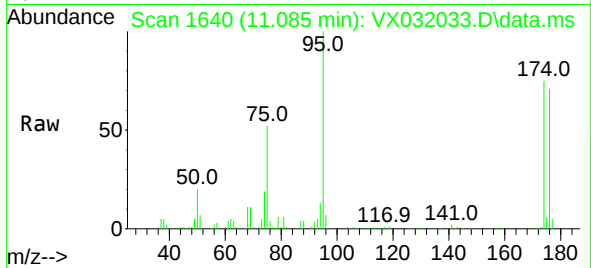




#76
1,2,3-Trichloropropane
Concen: 28.643 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.152 min
Lab File: VX032033.D
Acq: 11 Oct 2022 13:49

Instrument :
MSVOA_X
ClientSampleId :
R-10

Tgt Ion: 75 Resp: 35682
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.927 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX032033.D
Acq: 11 Oct 2022 13:49

Tgt Ion: 75 Resp: 35682
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

