

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111422\
 Data File : VX032802.D
 Acq On : 14 Nov 2022 18:09
 Operator : JC/MD
 Sample : N5587-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20221110

Quant Time: Nov 15 05:09:40 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)

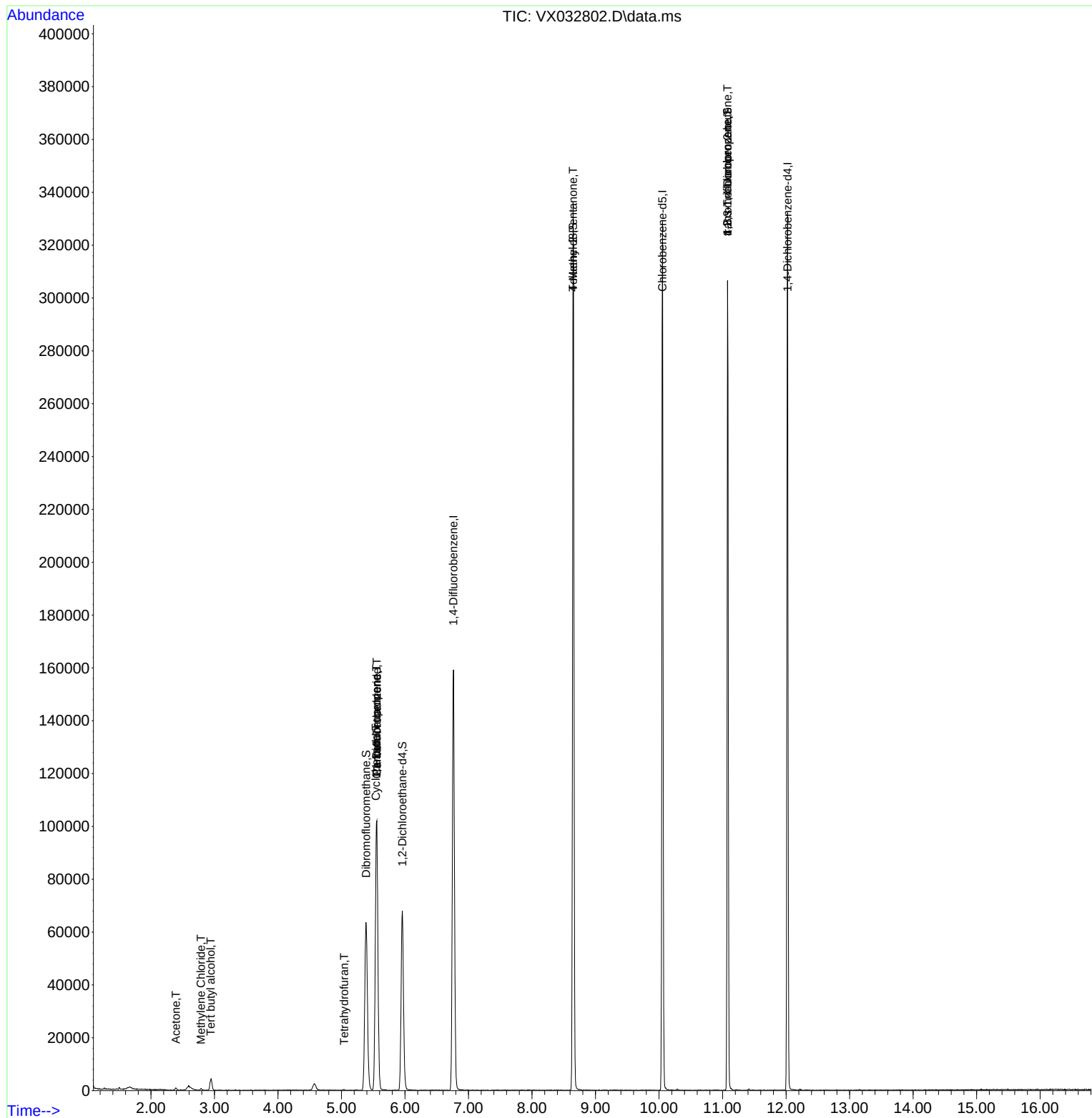
Internal Standards						
1) Pentafluorobenzene	5.556	168	99048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	160138	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67311	48.909	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.820%		
35) Dibromofluoromethane	5.385	113	55464	48.556	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.120%		
50) Toluene-d8	8.647	98	197835	49.808	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.620%		
62) 4-Bromofluorobenzene	11.079	95	75066	48.382	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.760%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	2606	13.010	ug/l #	72
16) Acetone	2.392	43	1210	2.419	ug/l	99
20) Methylene Chloride	2.788	84	388	0.338	ug/l #	81
29) Tetrahydrofuran	5.044	42	166	0.336	ug/l #	63
31) Cyclohexane	5.544	56	2050	1.229	ug/l #	60
36) 1,1-Dichloropropene	5.550	75	7549	4.746	ug/l #	48
38) Carbon Tetrachloride	5.556	117	9995	5.665	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	908	0.567	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40238	26.790	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	40238	85.247	ug/l #	6

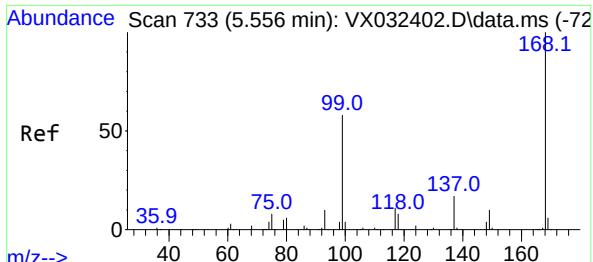
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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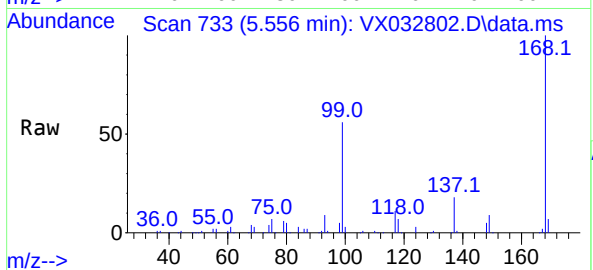
Quant Time: Nov 15 05:09:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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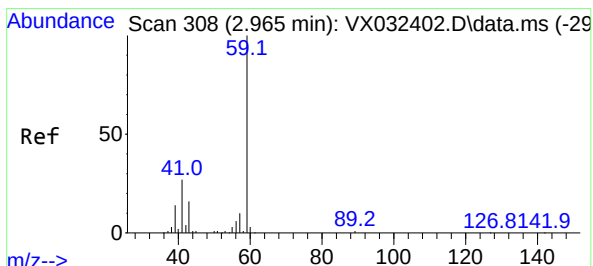
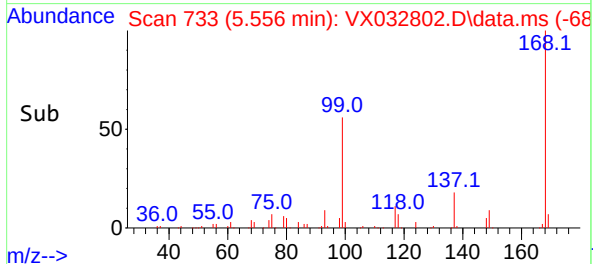
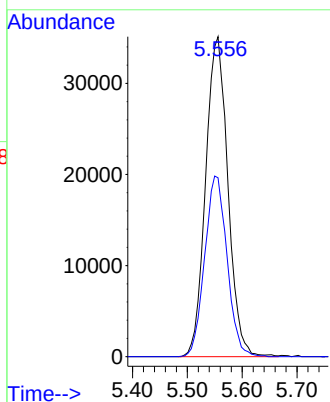


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032802.D
Acq: 14 Nov 2022 18:09

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20221110

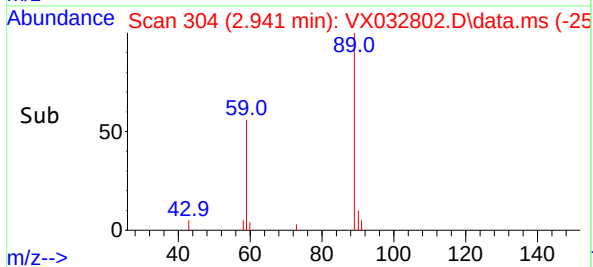
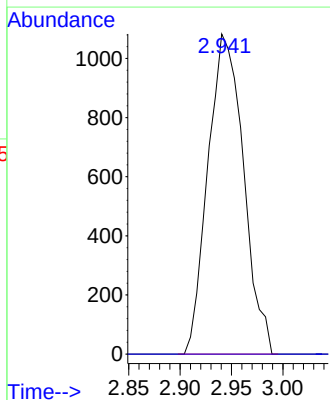
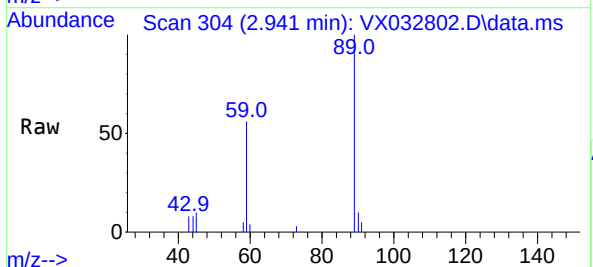


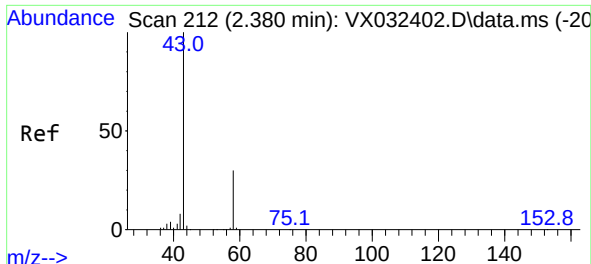
Tgt Ion:168 Resp: 99048
Ion Ratio Lower Upper
168 100
99 55.9 46.1 69.1



#11
Tert butyl alcohol
Concen: 13.010 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032802.D
Acq: 14 Nov 2022 18:09

Tgt Ion: 59 Resp: 2606
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

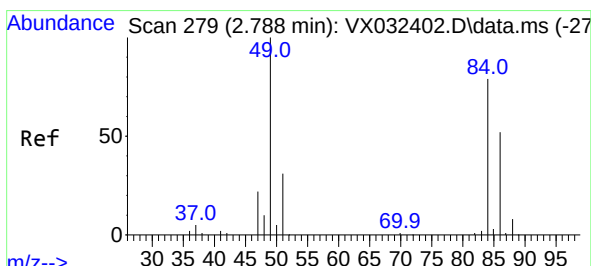
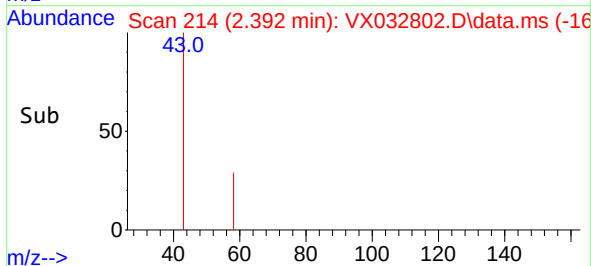
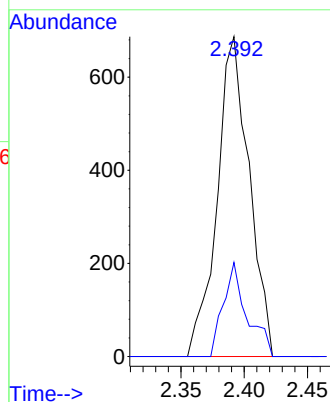
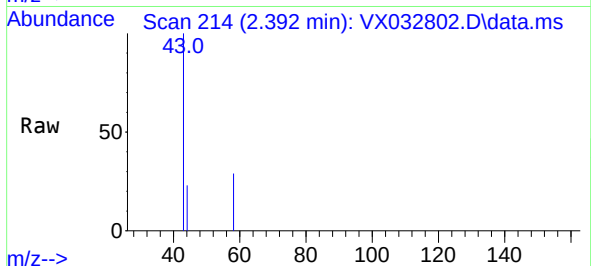




#16
Acetone
Concen: 2.419 ug/l
RT: 2.392 min Scan# 212
Delta R.T. 0.012 min
Lab File: VX032802.D
Acq: 14 Nov 2022 18:09

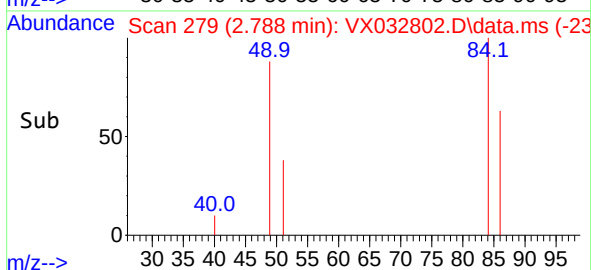
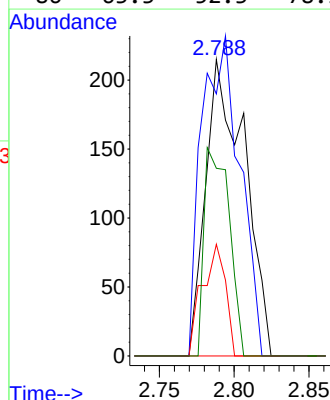
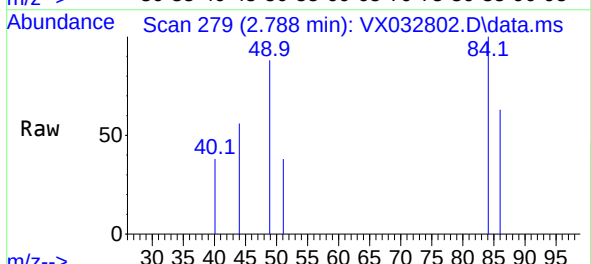
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20221110

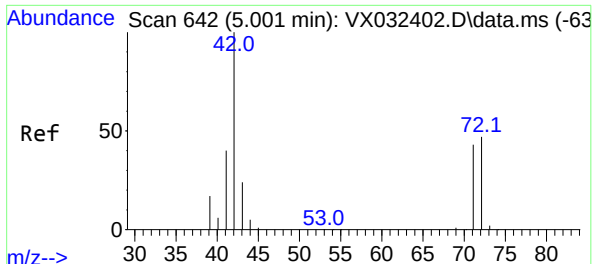
Tgt Ion: 43 Resp: 1210
Ion Ratio Lower Upper
43 100
58 29.4 23.8 35.8



#20
Methylene Chloride
Concen: 0.338 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032802.D
Acq: 14 Nov 2022 18:09

Tgt Ion: 84 Resp: 388
Ion Ratio Lower Upper
84 100
49 88.4 101.0 151.6#
51 37.7 31.1 46.7
86 63.3 52.3 78.5





#29

Tetrahydrofuran

Concen: 0.336 ug/l

RT: 5.044 min Scan# 642

Delta R.T. 0.043 min

Lab File: VX032802.D

Acq: 14 Nov 2022 18:09

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20221110

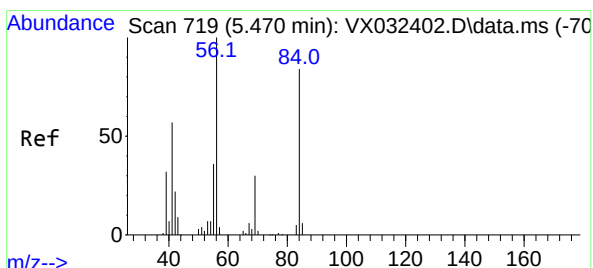
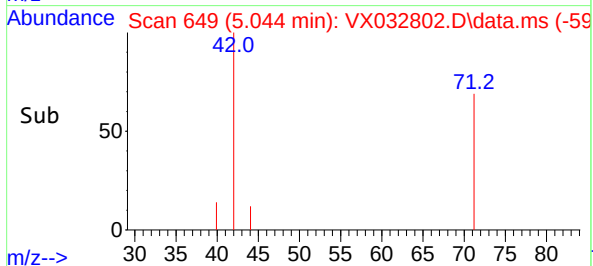
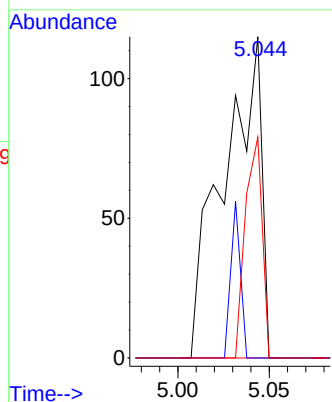
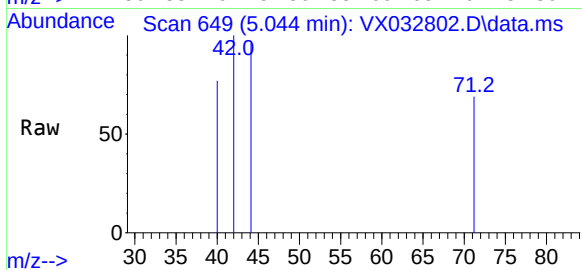
Tgt Ion: 42 Resp: 166

Ion Ratio Lower Upper

42 100

72 12.0 37.6 56.4#

71 30.1 34.7 52.1#



#31

Cyclohexane

Concen: 1.229 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX032802.D

Acq: 14 Nov 2022 18:09

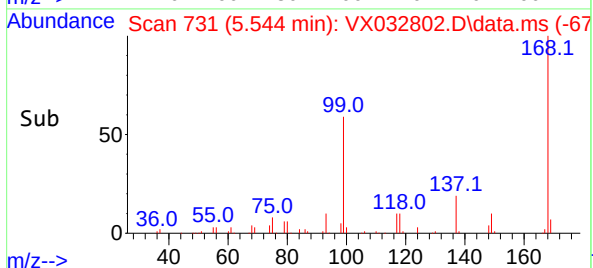
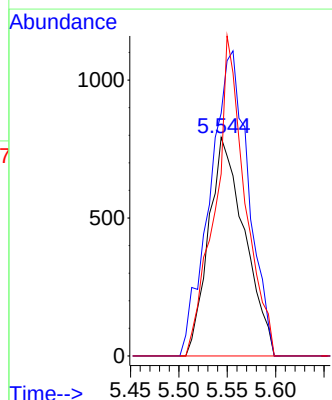
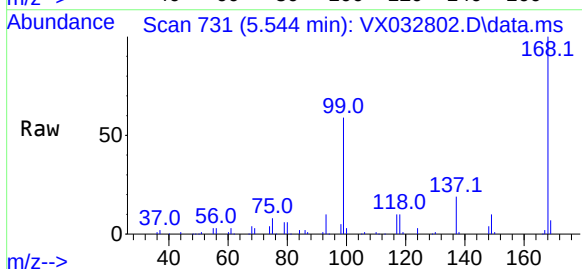
Tgt Ion: 56 Resp: 2050

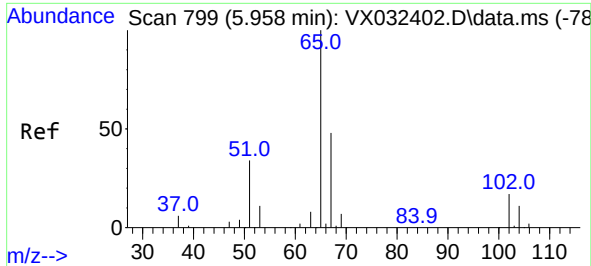
Ion Ratio Lower Upper

56 100

69 111.1 24.1 36.1#

84 83.3 66.9 100.3

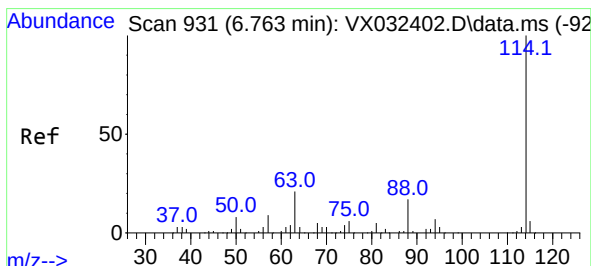
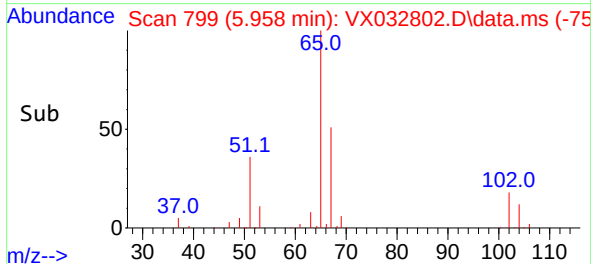
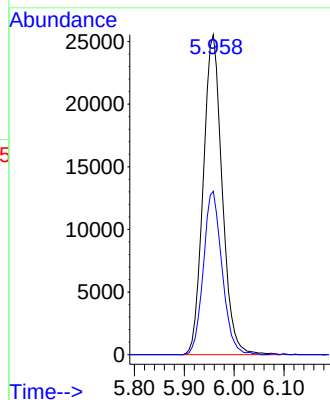
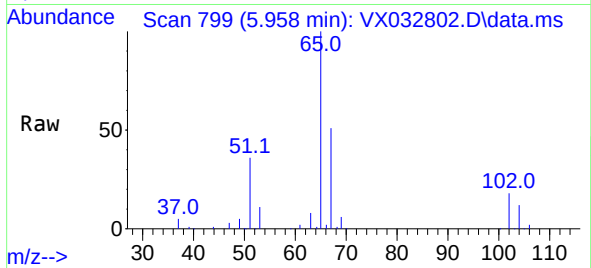




#33
 1,2-Dichloroethane-d4
 Concen: 48.909 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX032802.D
 Acq: 14 Nov 2022 18:09

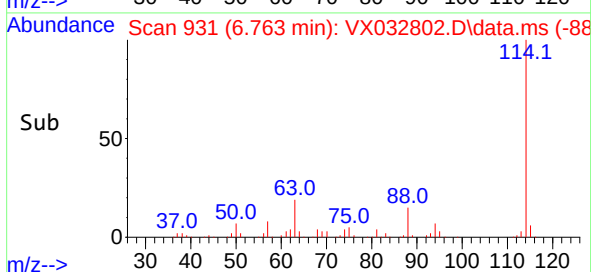
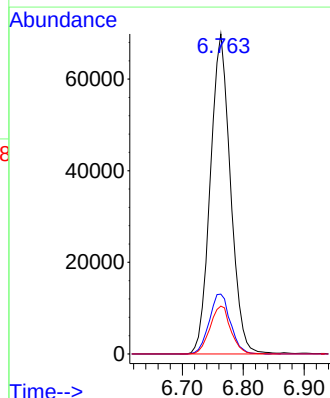
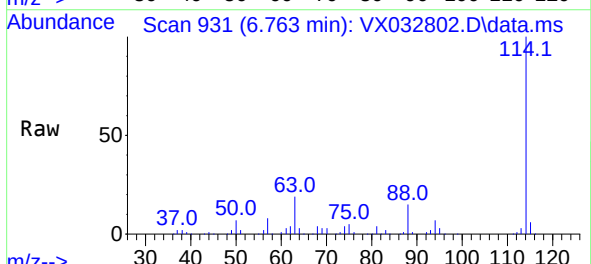
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20221110

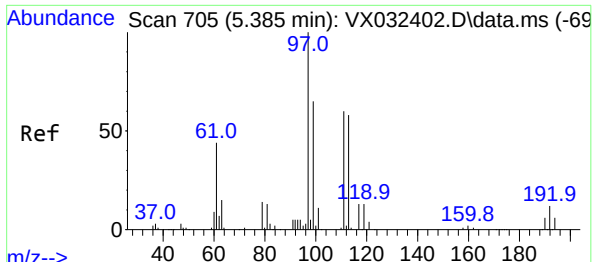
Tgt Ion: 65 Resp: 67311
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX032802.D
 Acq: 14 Nov 2022 18:09

Tgt Ion: 114 Resp: 160138
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 41.6
 88 14.9 0.0 33.4

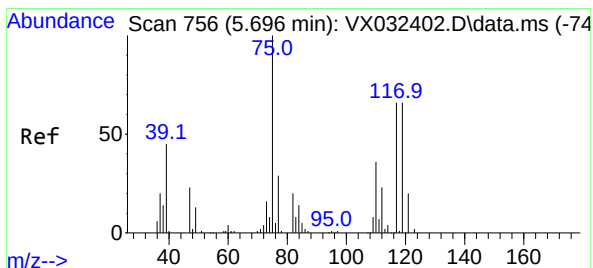
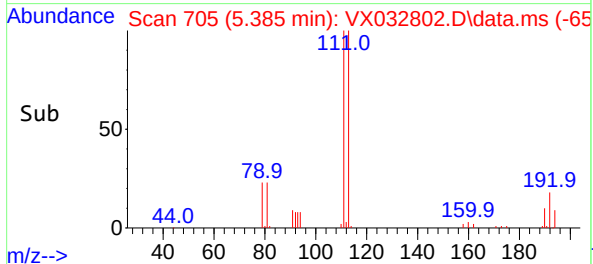
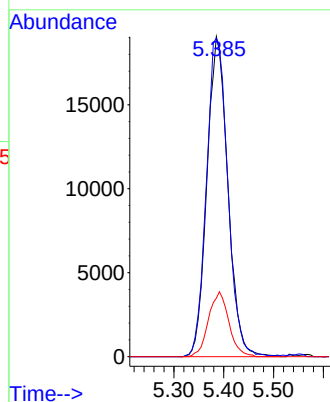
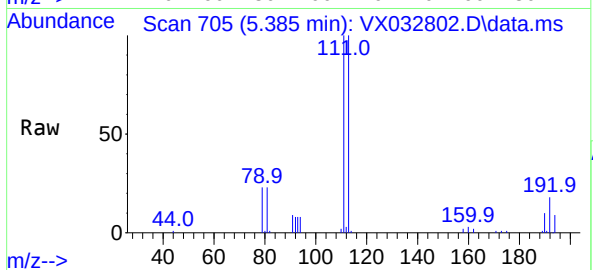




#35
Dibromofluoromethane
Concen: 48.556 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032802.D
Acq: 14 Nov 2022 18:09

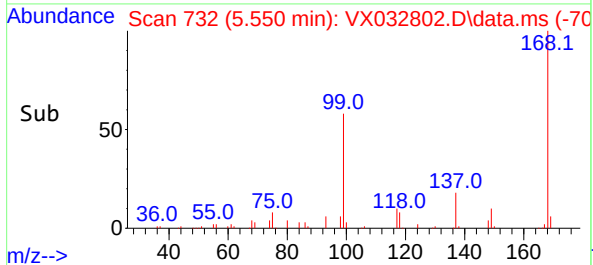
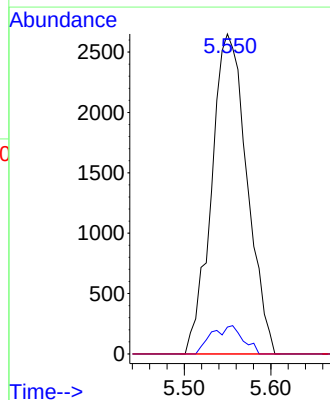
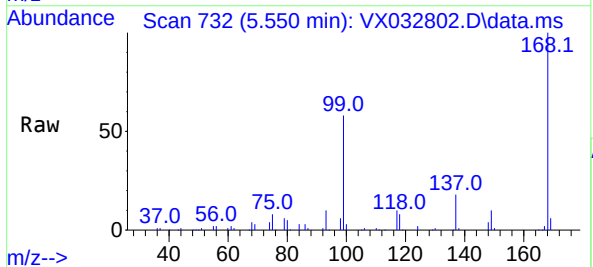
Instrument :
MSVOA_X
ClientSampleId :
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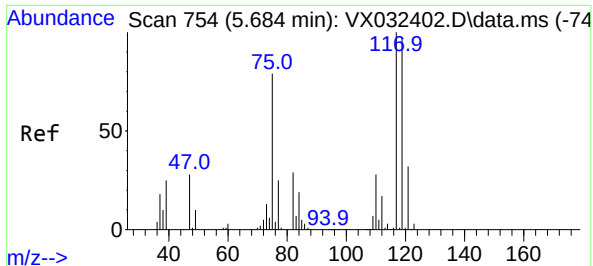
Tgt Ion:113 Resp: 55464
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 19.8 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.746 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032802.D
Acq: 14 Nov 2022 18:09

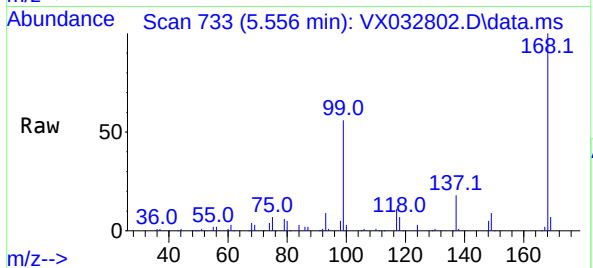
Tgt Ion: 75 Resp: 7549
Ion Ratio Lower Upper
75 100
110 7.8 18.4 55.2#
77 0.0 24.5 36.7#



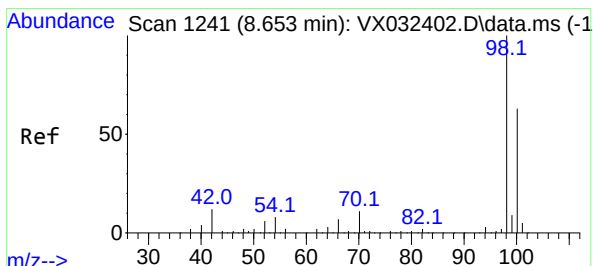
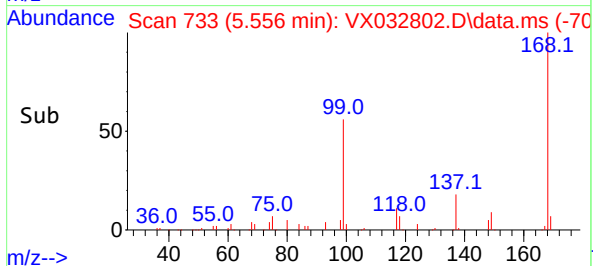
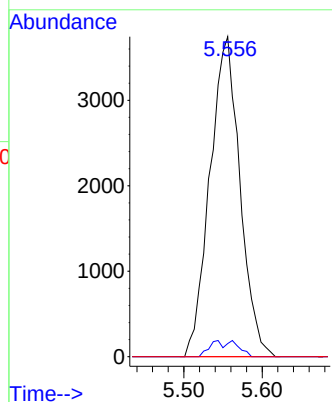


#38
Carbon Tetrachloride
Concen: 5.665 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032802.D
Acq: 14 Nov 2022 18:09

Instrument :
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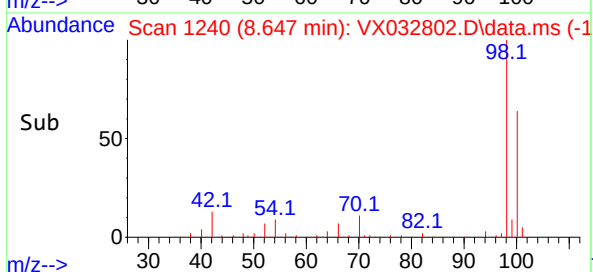
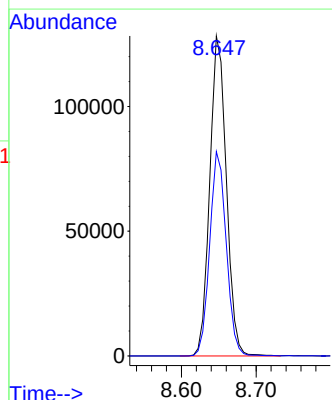
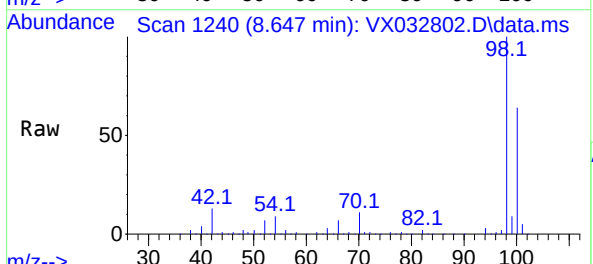


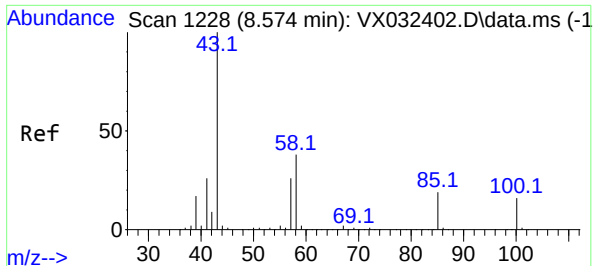
Tgt Ion:117 Resp: 9995
Ion Ratio Lower Upper
117 100
119 4.1 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.808 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032802.D
Acq: 14 Nov 2022 18:09

Tgt Ion: 98 Resp: 197835
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3

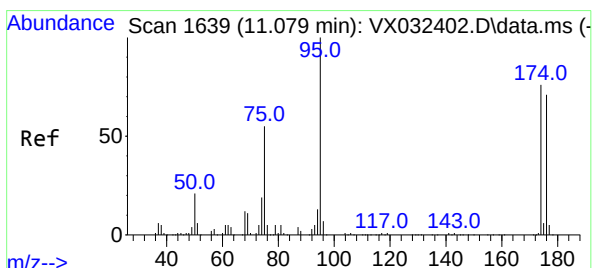
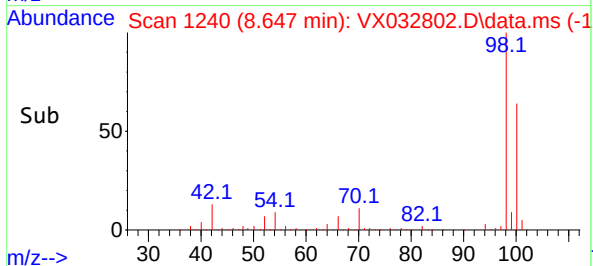
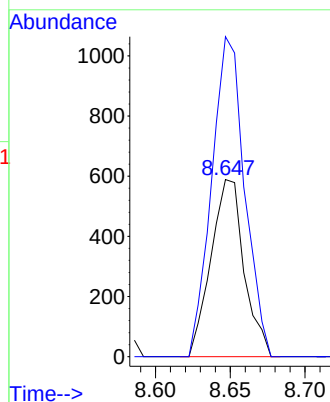
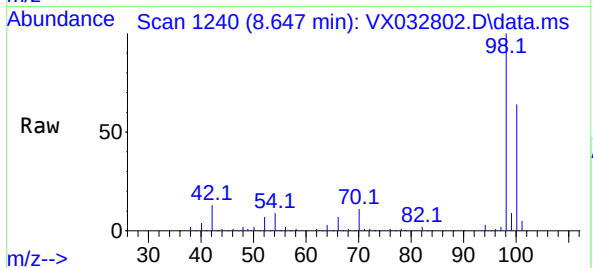




#51
4-Methyl-2-Pentanone
Concen: 0.567 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX032802.D
Acq: 14 Nov 2022 18:09

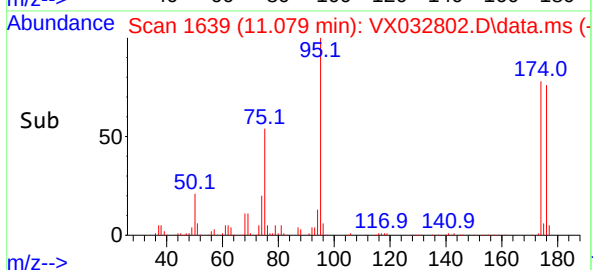
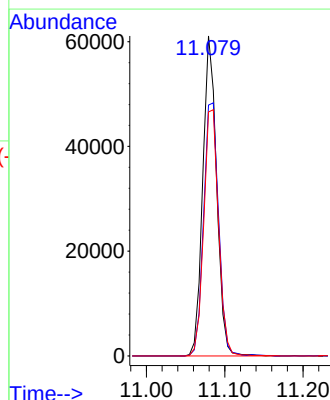
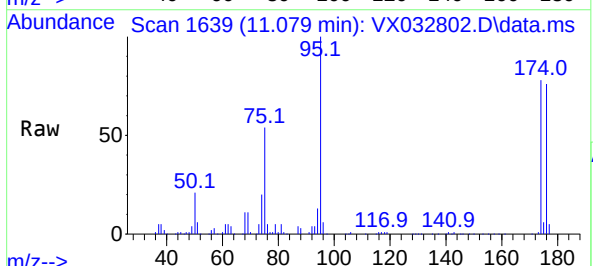
Instrument :
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GR-OF-20221110

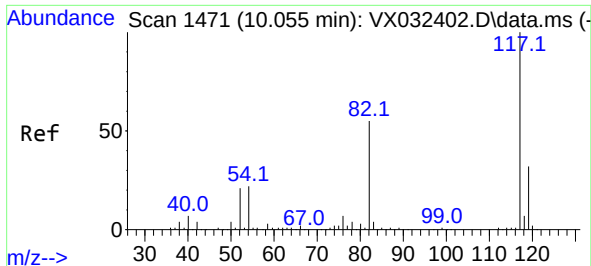
Tgt Ion: 43 Resp: 908
Ion Ratio Lower Upper
43 100
58 179.7 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 48.382 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032802.D
Acq: 14 Nov 2022 18:09

Tgt Ion: 95 Resp: 75066
Ion Ratio Lower Upper
95 100
174 85.2 0.0 164.0
176 82.4 0.0 154.4

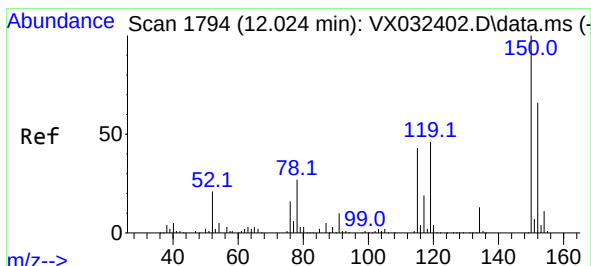
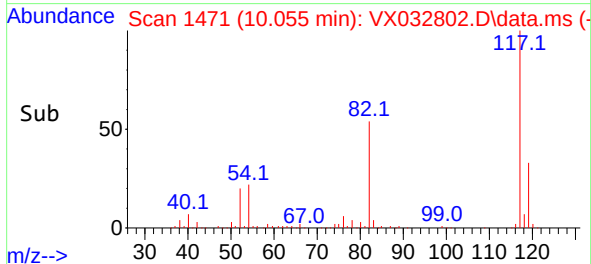
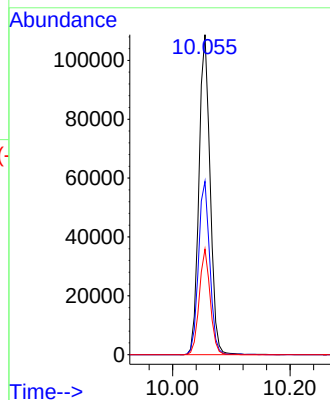
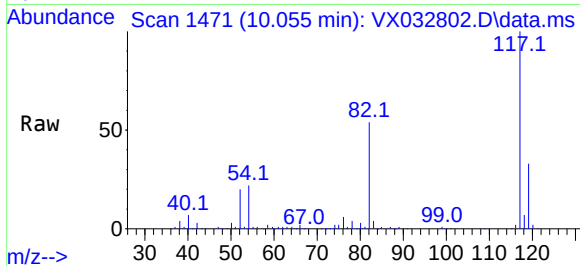




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032802.D
Acq: 14 Nov 2022 18:09

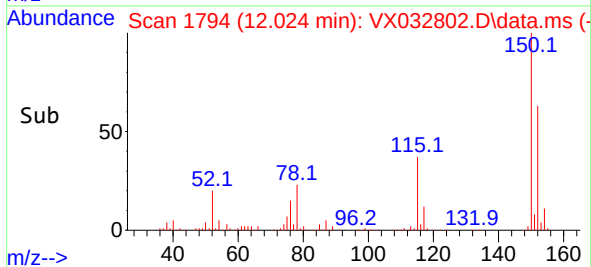
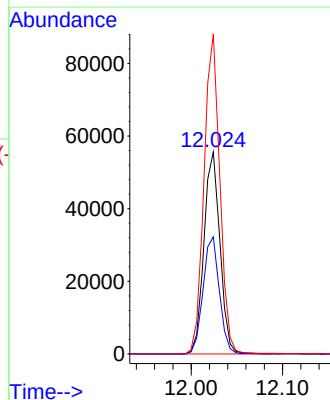
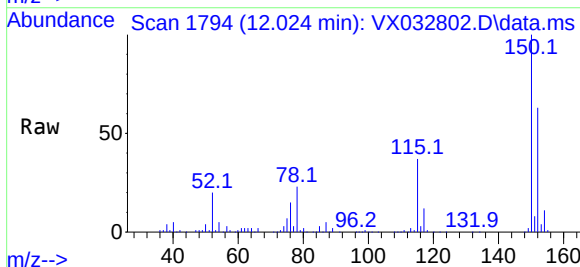
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20221110

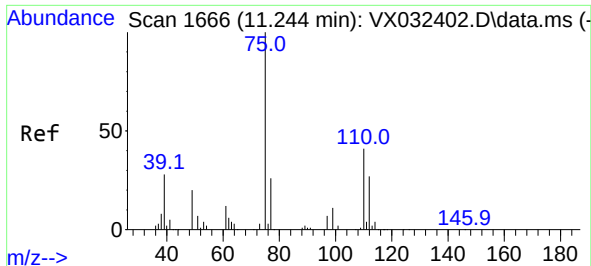
Tgt Ion:117 Resp: 143201
Ion Ratio Lower Upper
117 100
82 54.1 44.3 66.5
119 33.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032802.D
Acq: 14 Nov 2022 18:09

Tgt Ion:152 Resp: 67512
Ion Ratio Lower Upper
152 100
115 59.1 44.0 132.0
150 157.0 0.0 351.8

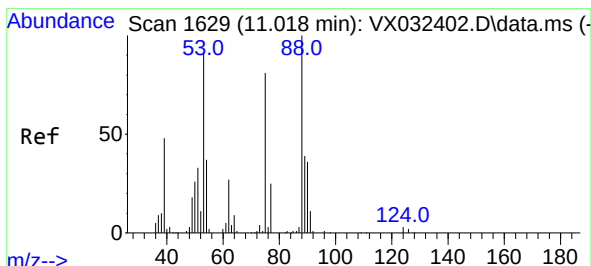
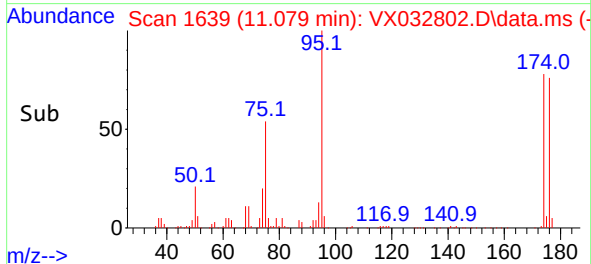
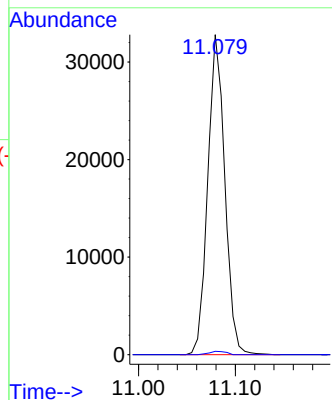
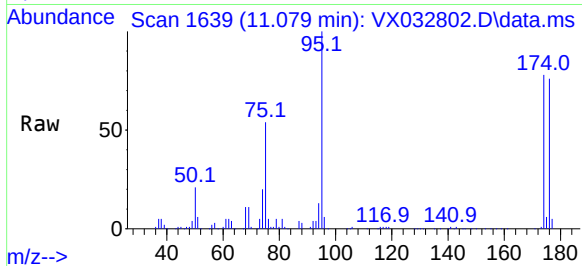




#76
1,2,3-Trichloropropane
Concen: 26.790 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032802.D
Acq: 14 Nov 2022 18:09

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20221110

Tgt Ion: 75 Resp: 40238
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.247 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032802.D
Acq: 14 Nov 2022 18:09

Tgt Ion: 75 Resp: 40238
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

