

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032818.D
 Acq On : 15 Nov 2022 13:30
 Operator : JC/MD
 Sample : N5587-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-01-20221110

Quant Time: Nov 16 03:33:26 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)

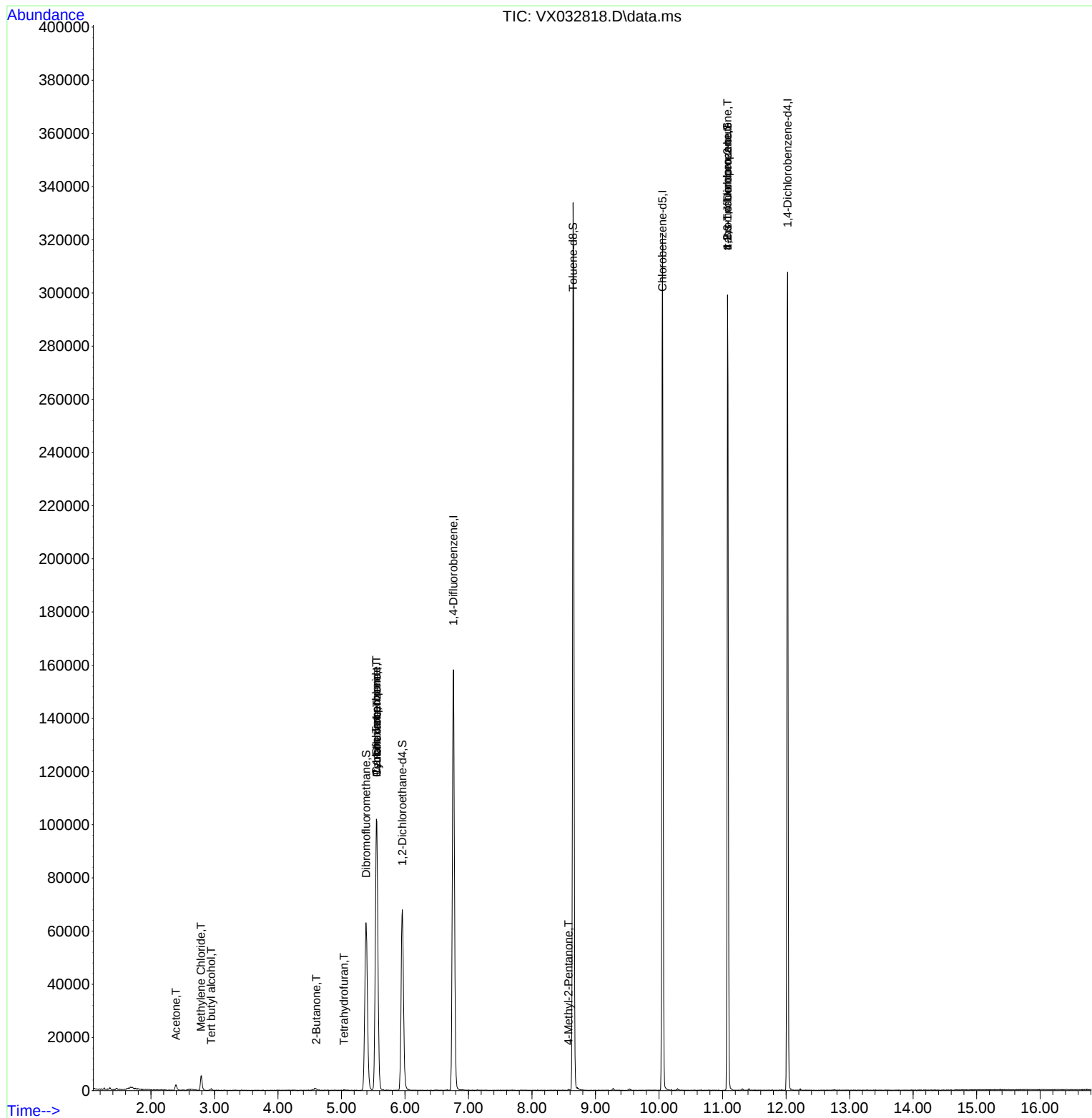
Internal Standards						
1) Pentafluorobenzene	5.556	168	97825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	159739	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66734	49.096	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.200%
35) Dibromofluoromethane	5.385	113	54371	47.718	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.440%
50) Toluene-d8	8.646	98	195908	49.446	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.900%
62) 4-Bromofluorobenzene	11.079	95	74039	47.839	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.680%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	335	1.693	ug/l #	72
16) Acetone	2.391	43	2848	5.765	ug/l	94
20) Methylene Chloride	2.788	84	2649	2.339	ug/l	93
25) 2-Butanone	4.604	43	314	0.410	ug/l #	47
29) Tetrahydrofuran	5.037	42	104	0.213	ug/l #	31
31) Cyclohexane	5.556	56	2090	1.268	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	7318	4.612	ug/l #	49
38) Carbon Tetrachloride	5.549	117	10022	5.695	ug/l #	17
51) 4-Methyl-2-Pentanone	8.573	43	349	0.218	ug/l #	75
76) 1,2,3-Trichloropropane	11.079	75	39415	27.361	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	39415	87.065	ug/l #	6

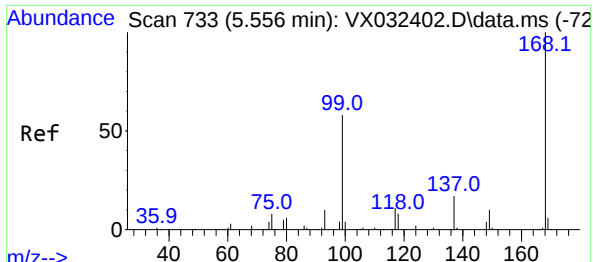
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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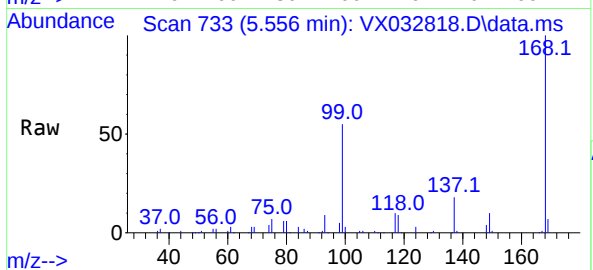
Quant Time: Nov 16 03:33:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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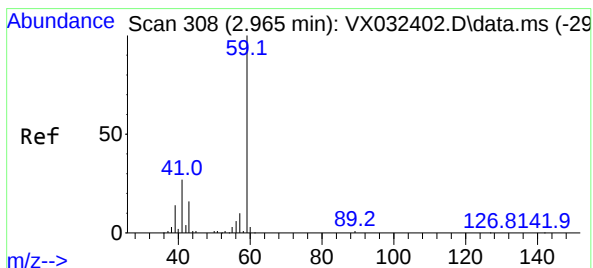
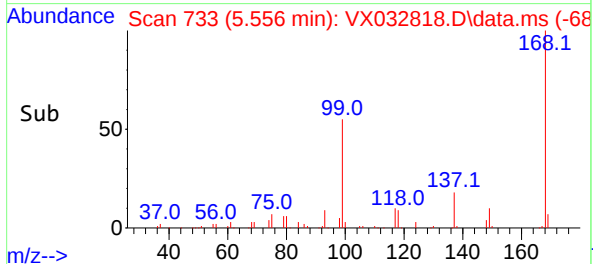
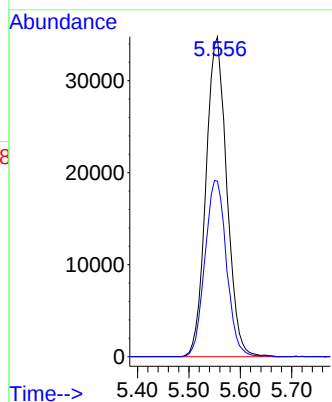


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032818.D
Acq: 15 Nov 2022 13:30

Instrument :
MSVOA_X
ClientSampleId :
FB-01-20221110

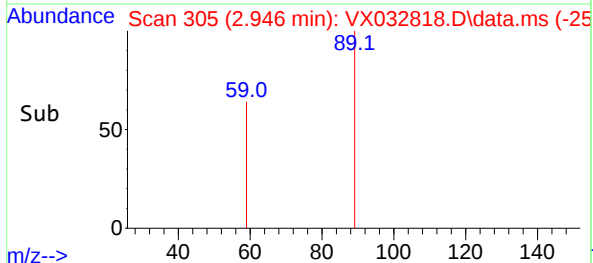
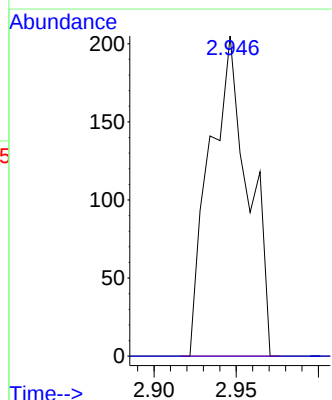
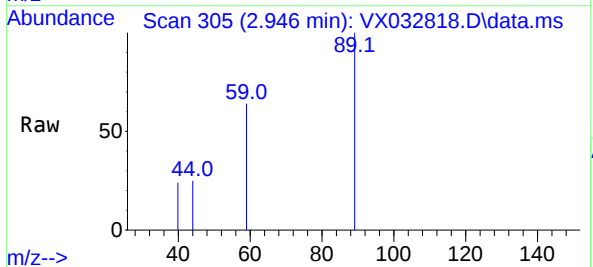


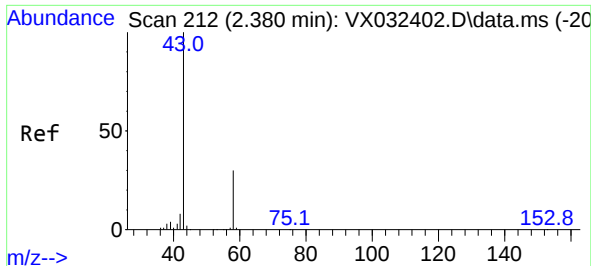
Tgt Ion:168 Resp: 97825
Ion Ratio Lower Upper
168 100
99 54.9 46.1 69.1



#11
Tert butyl alcohol
Concen: 1.693 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.019 min
Lab File: VX032818.D
Acq: 15 Nov 2022 13:30

Tgt Ion: 59 Resp: 335
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

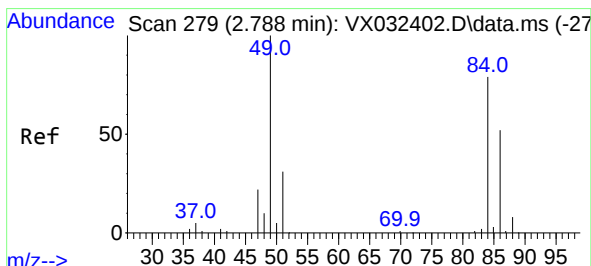
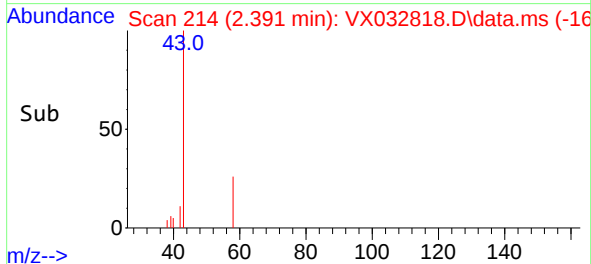
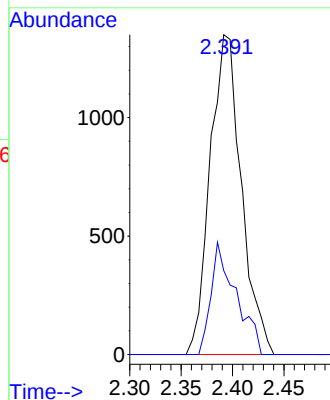
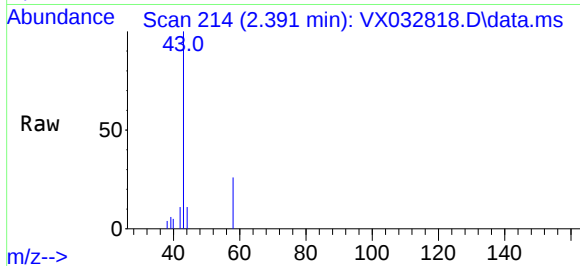




#16
Acetone
Concen: 5.765 ug/l
RT: 2.391 min Scan# 212
Delta R.T. 0.012 min
Lab File: VX032818.D
Acq: 15 Nov 2022 13:30

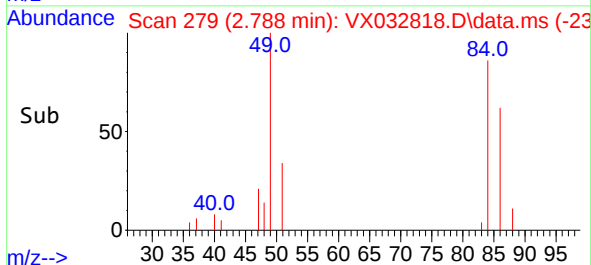
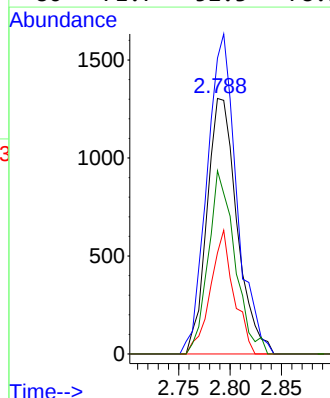
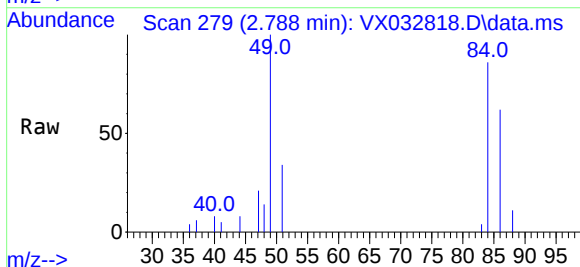
Instrument :
MSVOA_X
ClientSampleId :
FB-01-20221110

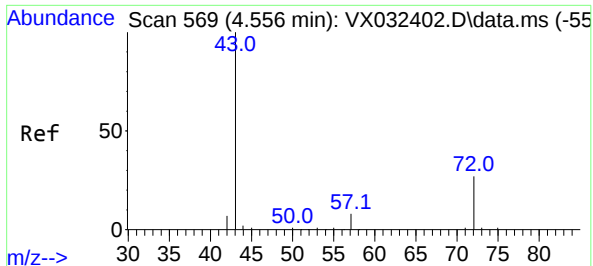
Tgt Ion: 43 Resp: 2848
Ion Ratio Lower Upper
43 100
58 26.3 23.8 35.8



#20
Methylene Chloride
Concen: 2.339 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032818.D
Acq: 15 Nov 2022 13:30

Tgt Ion: 84 Resp: 2649
Ion Ratio Lower Upper
84 100
49 115.8 101.0 151.6
51 39.6 31.1 46.7
86 71.7 52.3 78.5





#25

2-Butanone

Concen: 0.410 ug/l

RT: 4.604 min Scan# 51

Delta R.T. 0.048 min

Lab File: VX032818.D

Acq: 15 Nov 2022 13:30

Instrument :

MSVOA_X

ClientSampleId :

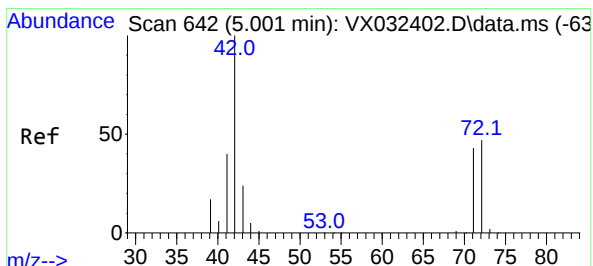
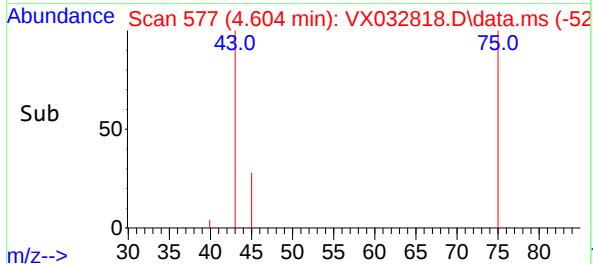
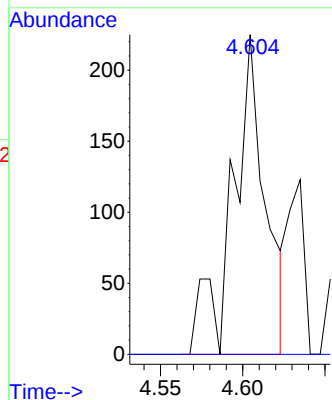
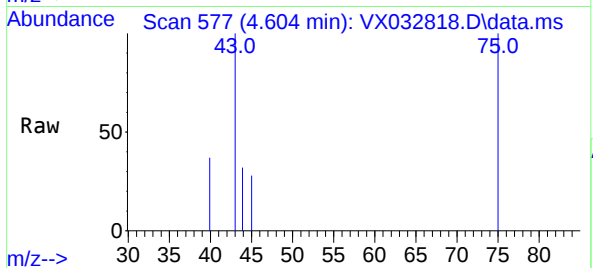
FB-01-20221110

Tgt Ion: 43 Resp: 314

Ion Ratio Lower Upper

43 100

72 0.0 22.2 33.2#



#29

Tetrahydrofuran

Concen: 0.213 ug/l

RT: 5.037 min Scan# 648

Delta R.T. 0.036 min

Lab File: VX032818.D

Acq: 15 Nov 2022 13:30

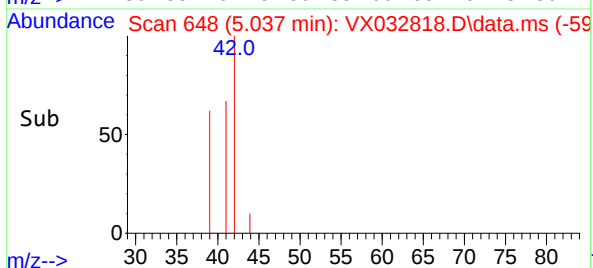
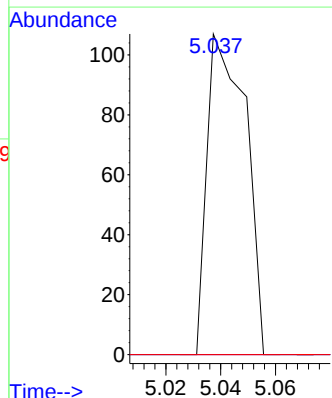
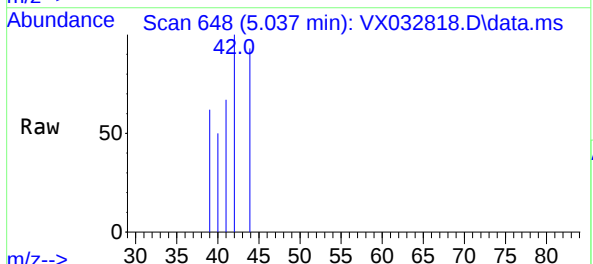
Tgt Ion: 42 Resp: 104

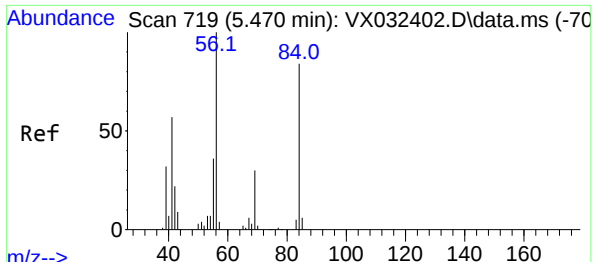
Ion Ratio Lower Upper

42 100

72 0.0 37.6 56.4#

71 0.0 34.7 52.1#

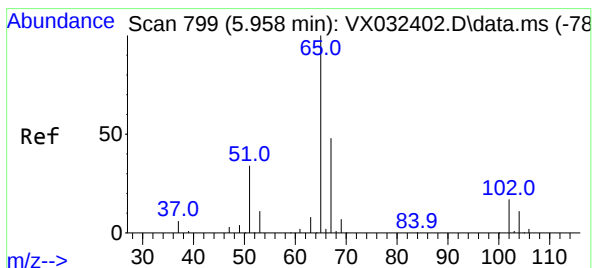
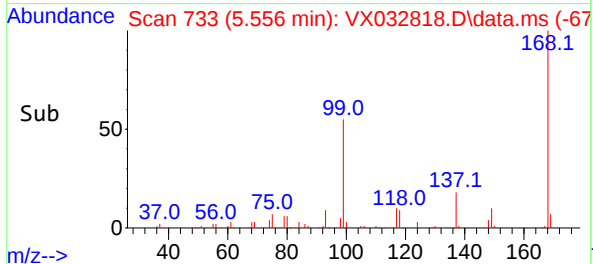
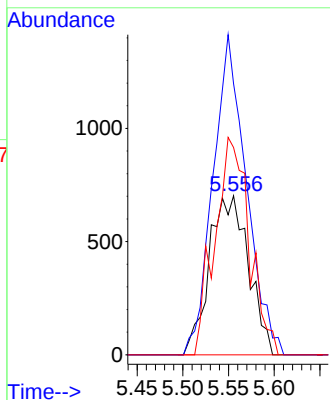
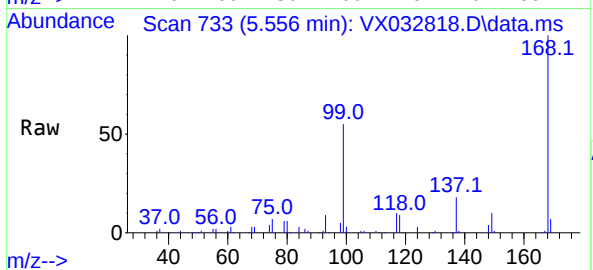




#31
Cyclohexane
Concen: 1.268 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX032818.D
Acq: 15 Nov 2022 13:30

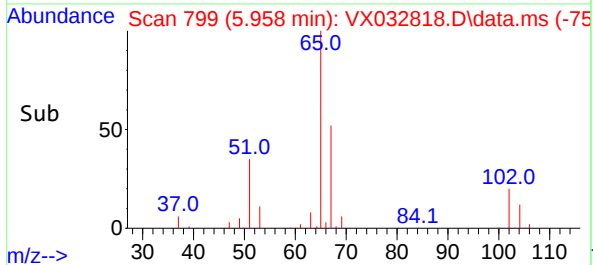
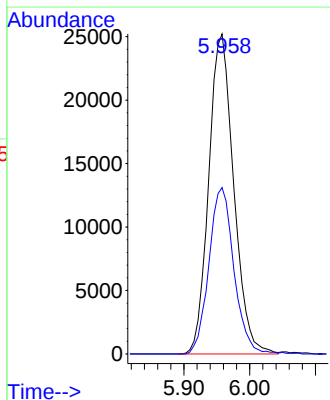
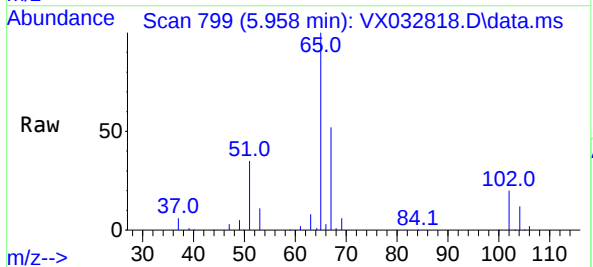
Instrument :
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ClientSampleId :
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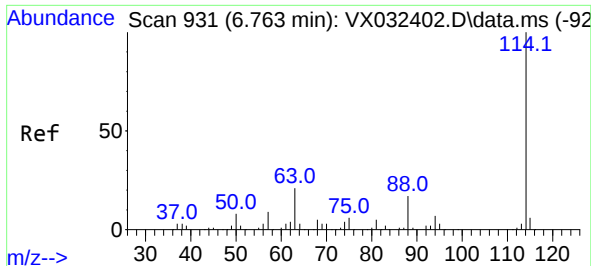
Tgt Ion: 56 Resp: 2090
Ion Ratio Lower Upper
56 100
69 170.7 24.1 36.1#
84 130.5 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 49.096 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032818.D
Acq: 15 Nov 2022 13:30

Tgt Ion: 65 Resp: 66734
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.8

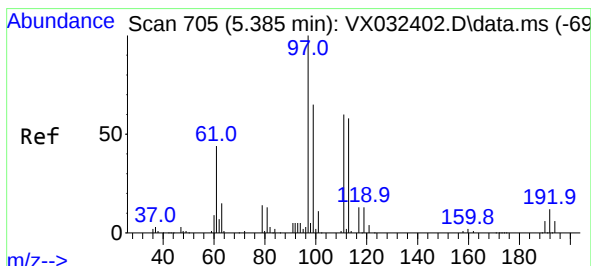
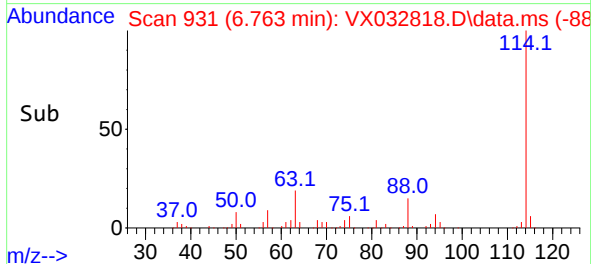
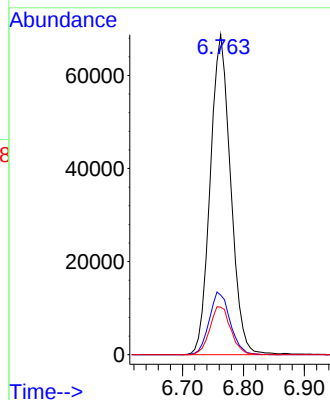
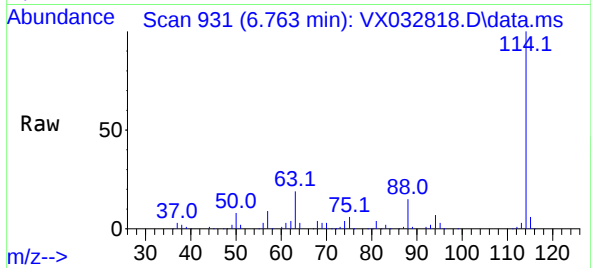




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032818.D
Acq: 15 Nov 2022 13:30

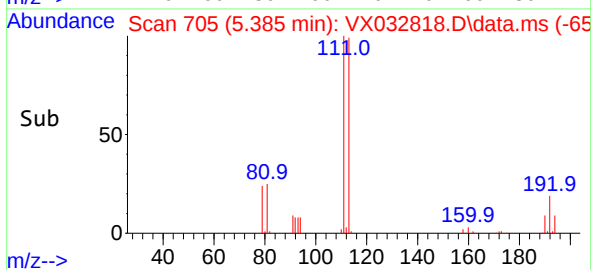
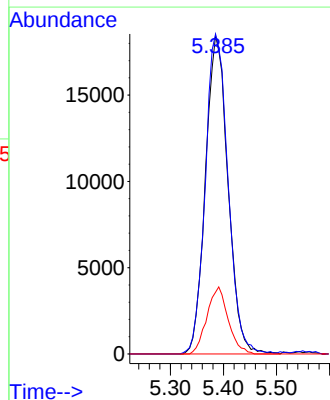
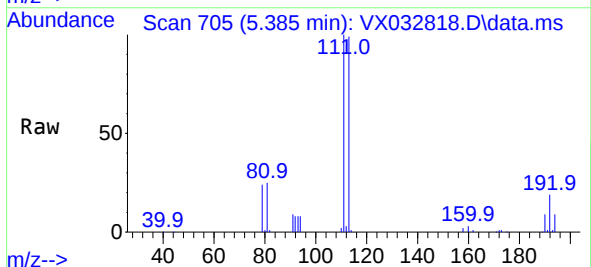
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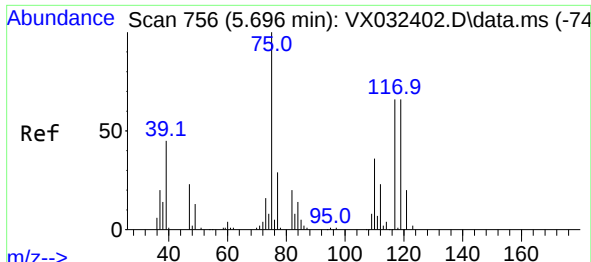
Tgt Ion:114 Resp: 159739
Ion Ratio Lower Upper
114 100
63 18.6 0.0 41.6
88 14.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.718 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032818.D
Acq: 15 Nov 2022 13:30

Tgt Ion:113 Resp: 54371
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 19.9 15.4 23.2

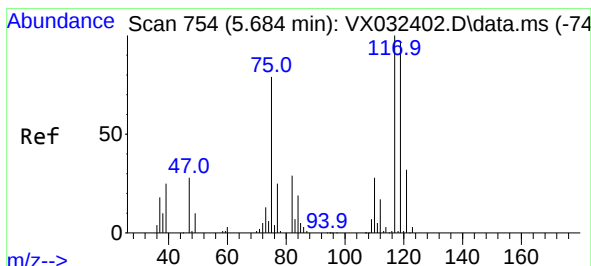
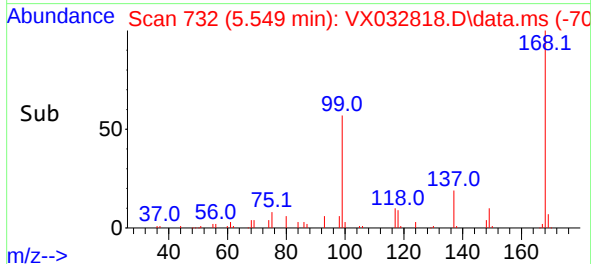
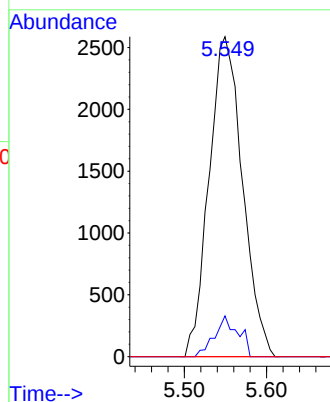
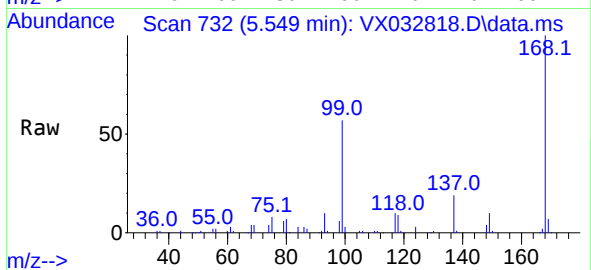




#36
1,1-Dichloropropene
Concen: 4.612 ug/l
RT: 5.549 min Scan# 712
Delta R.T. -0.147 min
Lab File: VX032818.D
Acq: 15 Nov 2022 13:30

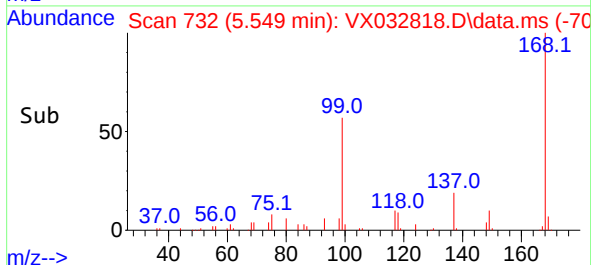
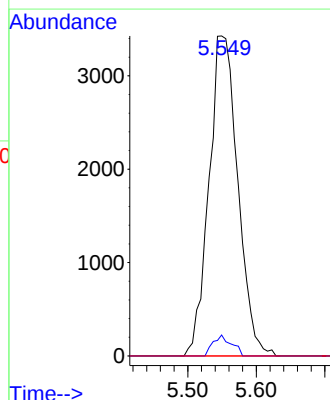
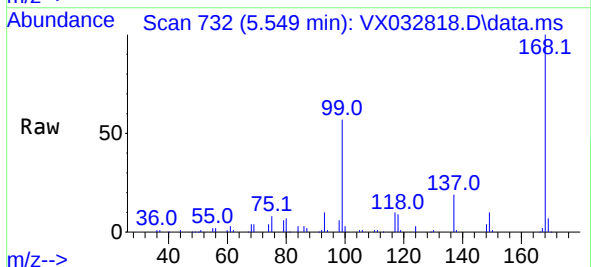
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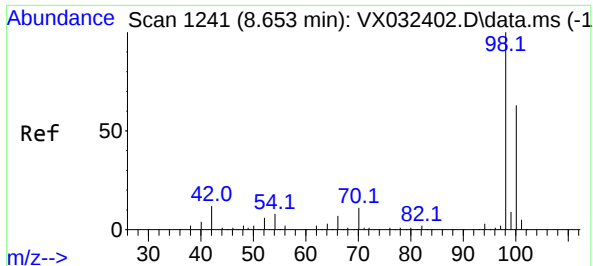
Tgt Ion: 75 Resp: 7318
Ion Ratio Lower Upper
75 100
110 9.0 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.695 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032818.D
Acq: 15 Nov 2022 13:30

Tgt Ion: 117 Resp: 10022
Ion Ratio Lower Upper
117 100
119 6.6 77.2 115.8#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 49.446 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032818.D

Acq: 15 Nov 2022 13:30

Instrument :

MSVOA_X

ClientSampleId :

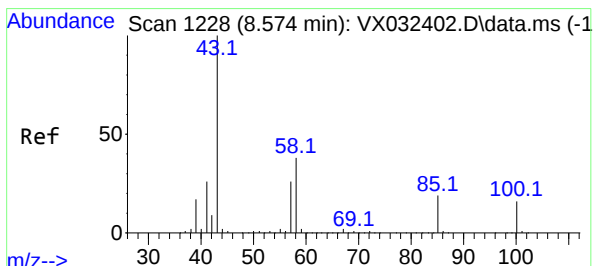
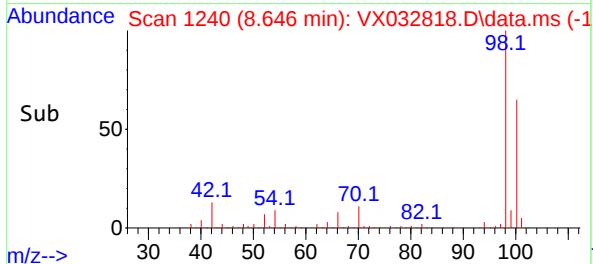
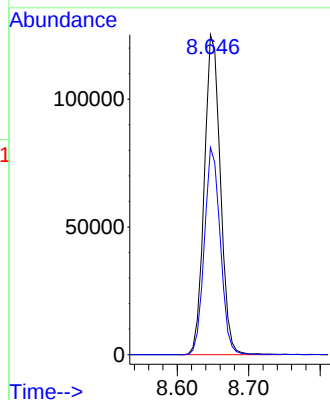
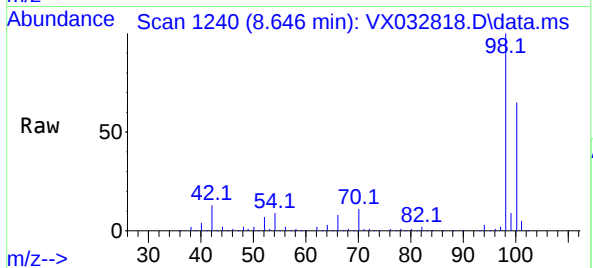
FB-01-20221110

Tgt Ion: 98 Resp: 195908

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.218 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX032818.D

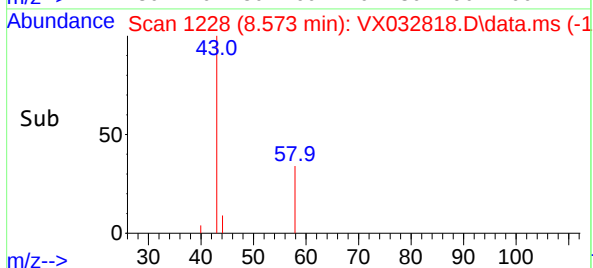
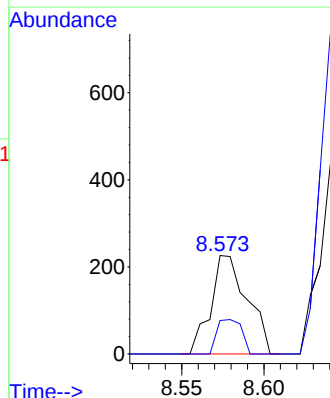
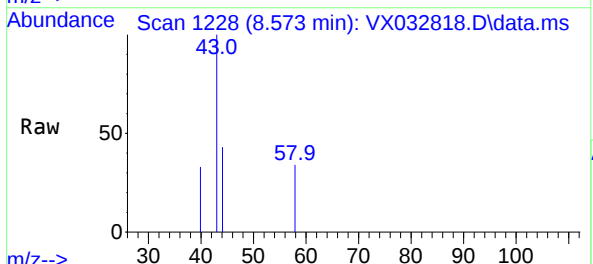
Acq: 15 Nov 2022 13:30

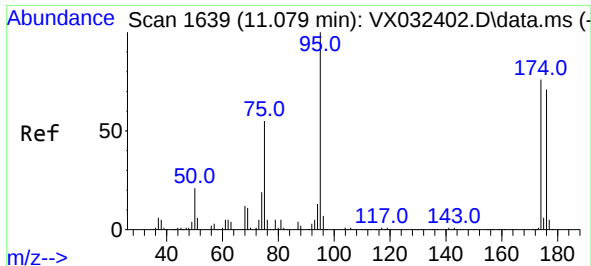
Tgt Ion: 43 Resp: 349

Ion Ratio Lower Upper

43 100

58 23.5 30.9 46.3#

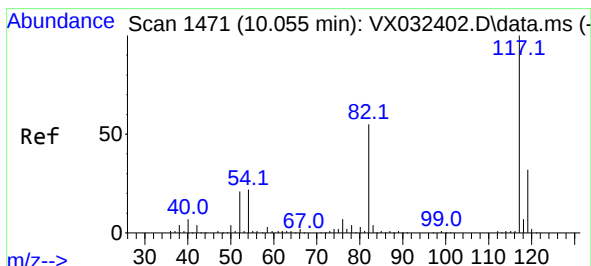
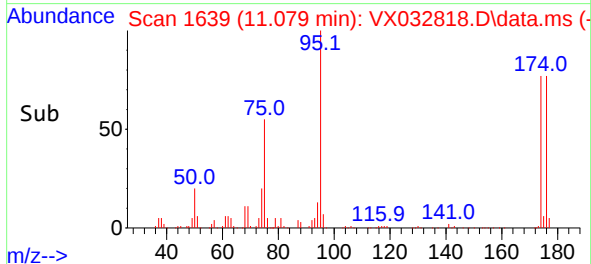
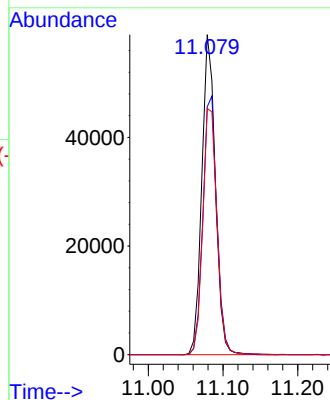
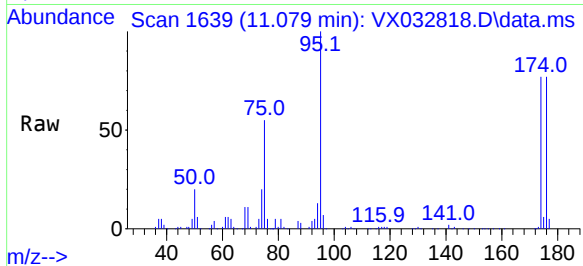




#62
4-Bromofluorobenzene
Concen: 47.839 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032818.D
Acq: 15 Nov 2022 13:30

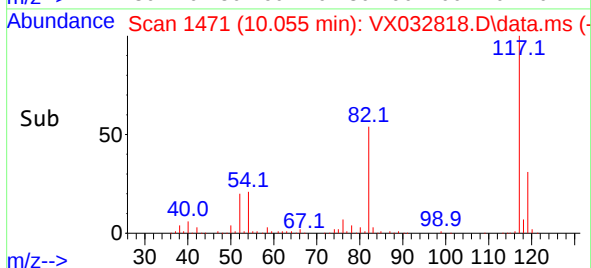
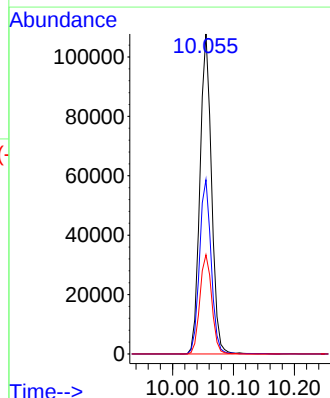
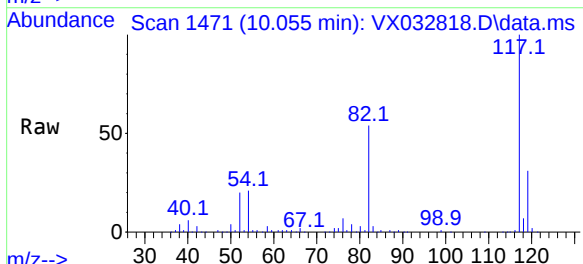
Instrument :
MSVOA_X
ClientSampleId :
FB-01-20221110

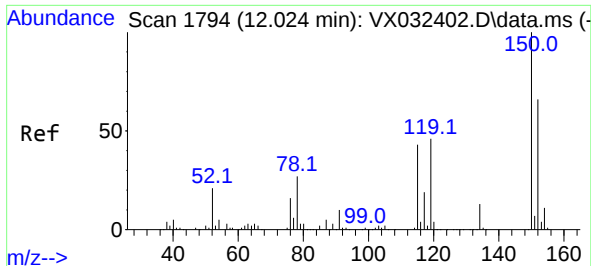
Tgt Ion: 95 Resp: 74039
Ion Ratio Lower Upper
95 100
174 83.5 0.0 164.0
176 80.9 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032818.D
Acq: 15 Nov 2022 13:30

Tgt Ion: 117 Resp: 142049
Ion Ratio Lower Upper
117 100
82 54.5 44.3 66.5
119 31.0 25.7 38.5

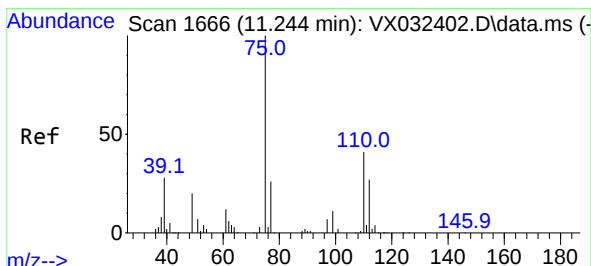
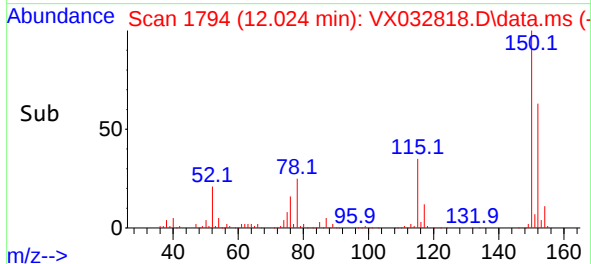
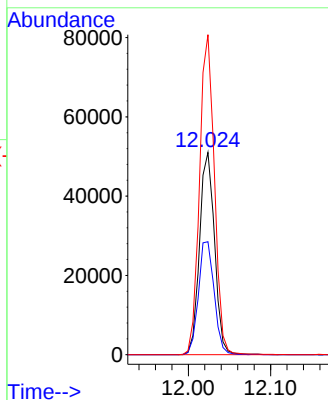
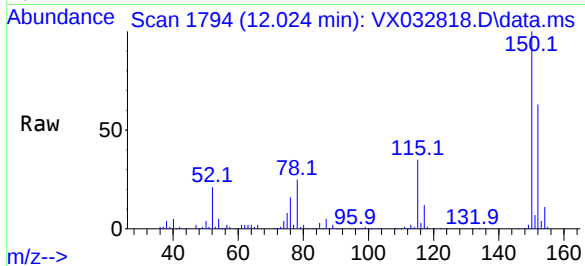




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032818.D
Acq: 15 Nov 2022 13:30

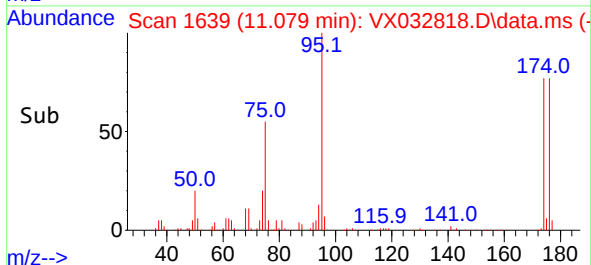
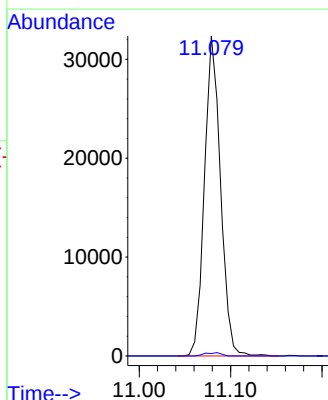
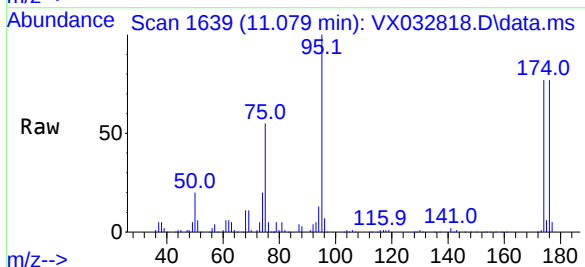
Instrument :
MSVOA_X
ClientSampleId :
FB-01-20221110

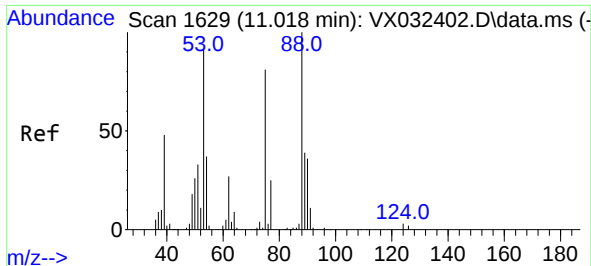
Tgt Ion:152 Resp: 64750
Ion Ratio Lower Upper
152 100
115 58.6 44.0 132.0
150 156.7 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.361 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032818.D
Acq: 15 Nov 2022 13:30

Tgt Ion: 75 Resp: 39415
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 87.065 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX032818.D
Acq: 15 Nov 2022 13:30

Instrument :
MSVOA_X
ClientSampleId :
FB-01-20221110

Tgt Ion: 75 Resp: 39415
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.1 38.3 57.5#

