

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037347.D
 Acq On : 29 Aug 2023 17:17
 Operator : JC/MD
 Sample : 04171-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FMI-134

Quant Time: Aug 30 02:08:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

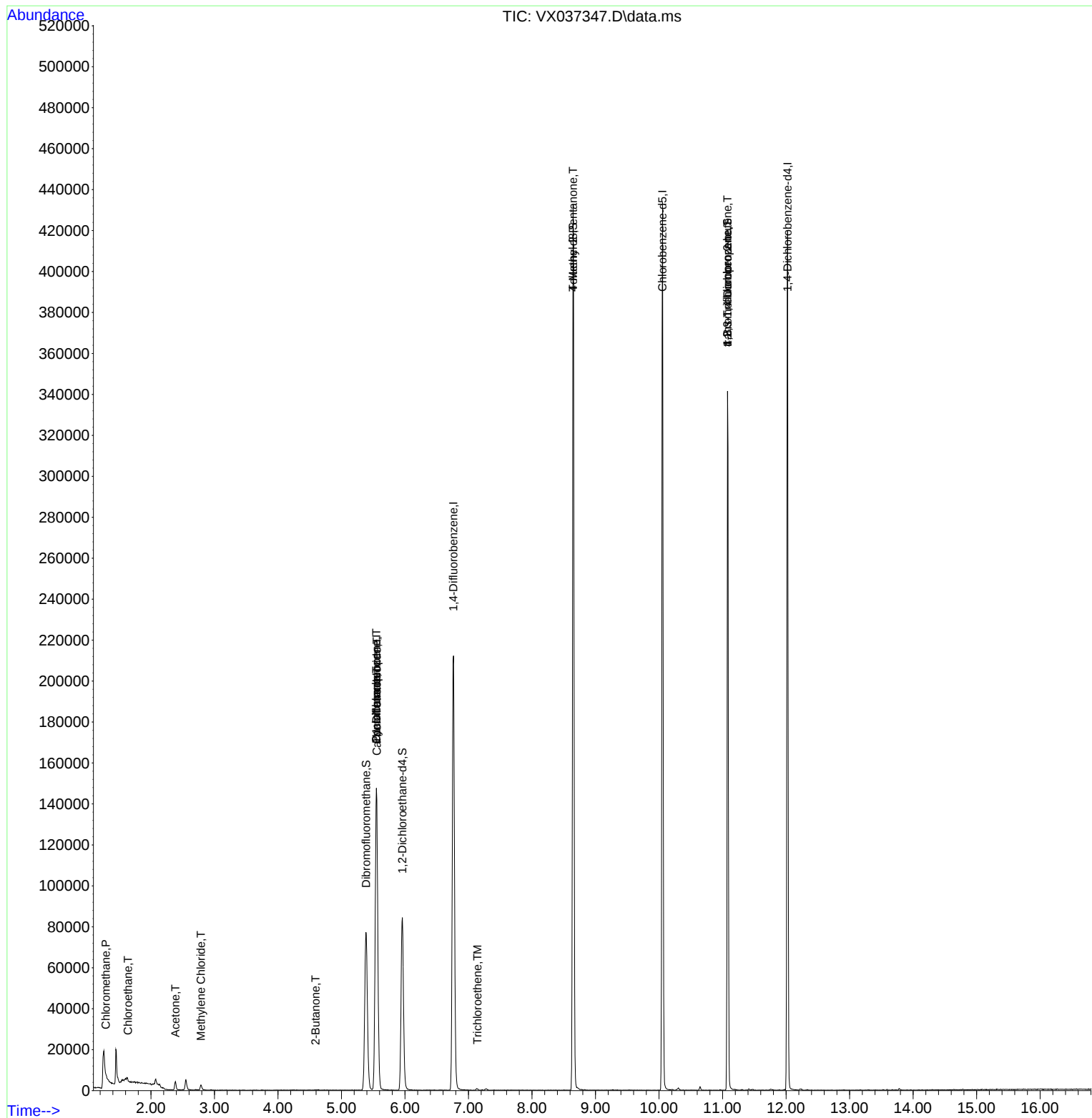
Internal Standards						
1) Pentafluorobenzene	5.550	168	139801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227542	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85807	42.574	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.140%		
35) Dibromofluoromethane	5.385	113	70218	46.596	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.200%		
50) Toluene-d8	8.647	98	264374	48.364	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.720%		
62) 4-Bromofluorobenzene	11.079	95	96114	44.742	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.480%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	461	0.324	ug/l	97
6) Chloroethane	1.636	64	1460	1.604	ug/l #	67
16) Acetone	2.386	43	4291	5.442	ug/l #	84
20) Methylene Chloride	2.788	84	1391	0.789	ug/l #	80
25) 2-Butanone	4.593	43	366	0.308	ug/l #	51
31) Cyclohexane	5.550	56	2737	1.208	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10870	5.077	ug/l #	51
38) Carbon Tetrachloride	5.556	117	14848	6.384	ug/l #	14
44) Trichloroethene	7.141	130	374	0.215	ug/l	48
51) 4-Methyl-2-Pentanone	8.647	43	975	0.462	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47698	24.653	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	47698	68.858	ug/l #	5

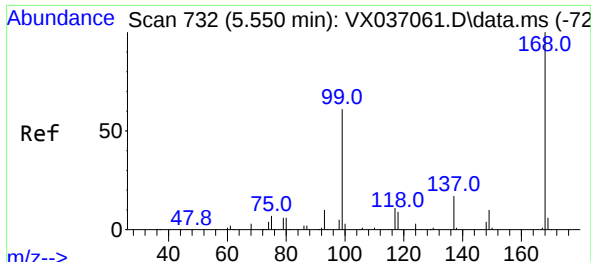
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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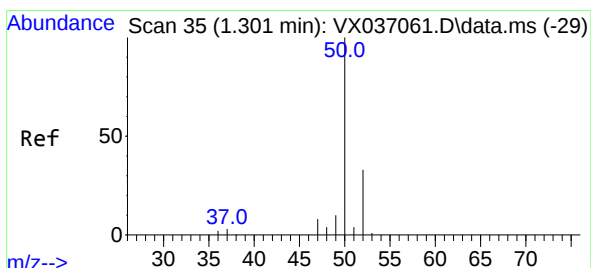
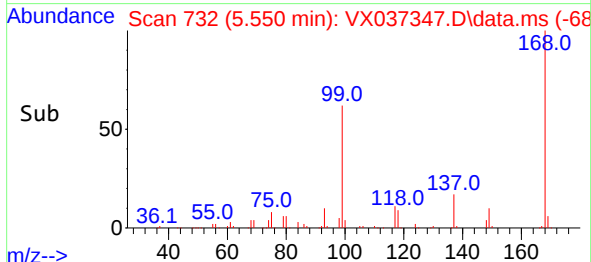
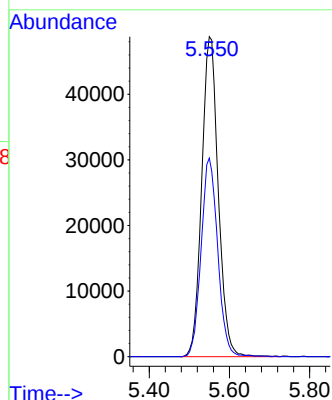
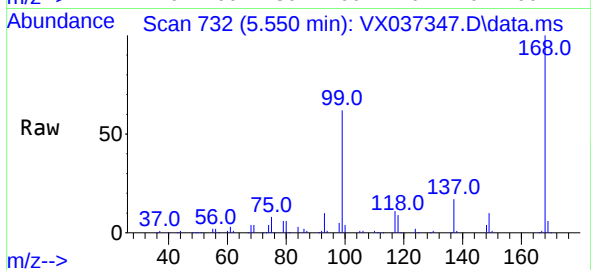




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037347.D
Acq: 29 Aug 2023 17:17

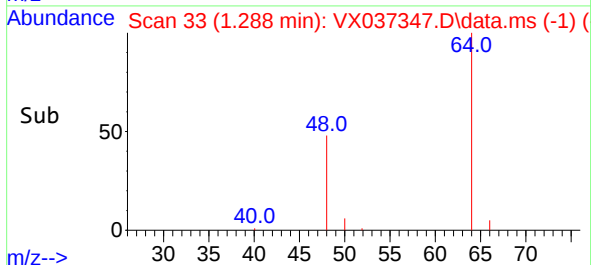
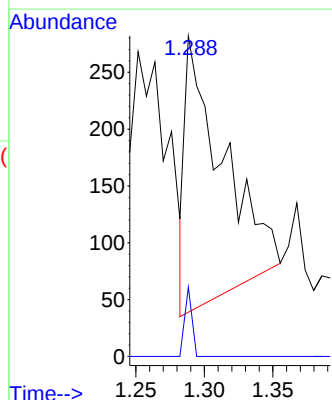
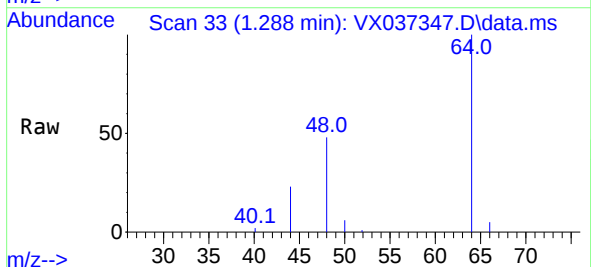
Instrument :
MSVOA_X
ClientSampleId :
FMI-134

Tgt Ion:168 Resp: 139801
Ion Ratio Lower Upper
168 100
99 62.0 56.6 85.0

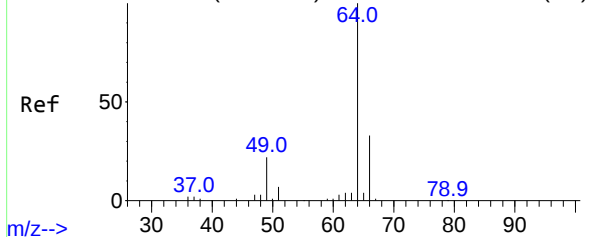


#3
Chloromethane
Concen: 0.324 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.012 min
Lab File: VX037347.D
Acq: 29 Aug 2023 17:17

Tgt Ion: 50 Resp: 461
Ion Ratio Lower Upper
50 100
52 30.5 25.5 38.3



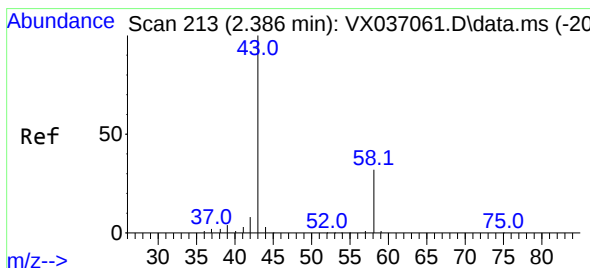
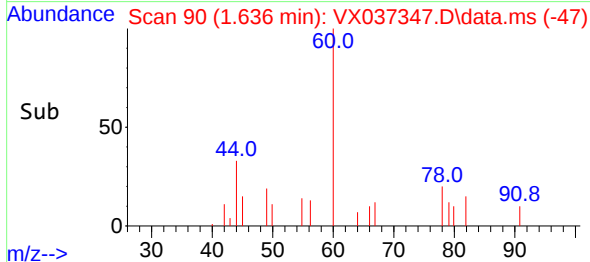
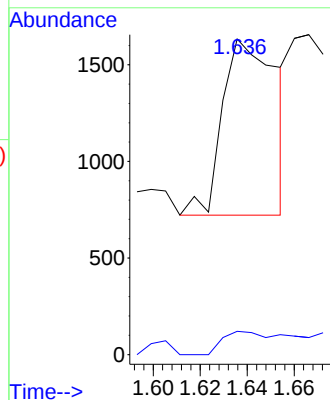
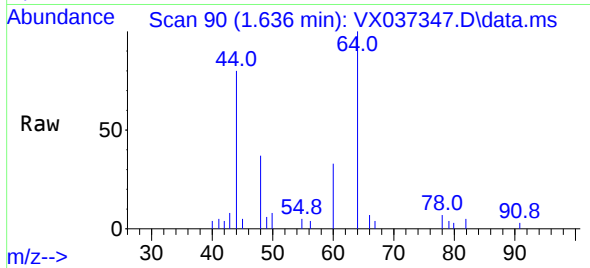
Abundance Scan 96 (1.672 min): VX037061.D\data.ms (-90)



#6
Chloroethane
Concen: 1.604 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.036 min
Lab File: VX037347.D
Acq: 29 Aug 2023 17:17

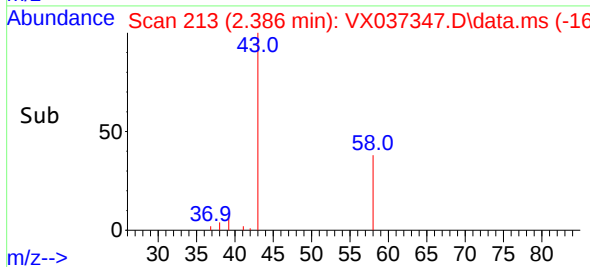
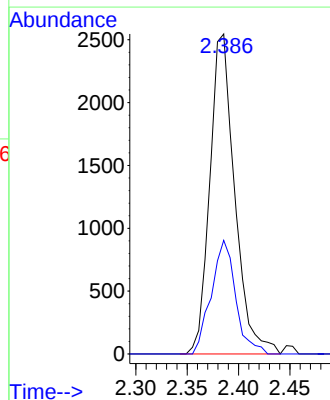
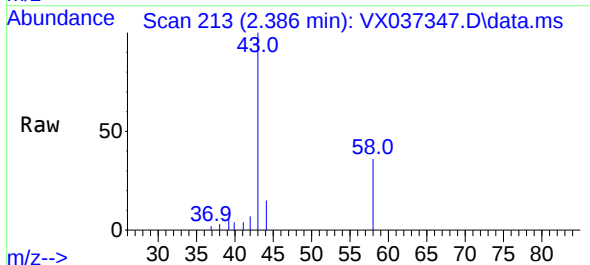
Instrument :
MSVOA_X
ClientSampleId :
FMI-134

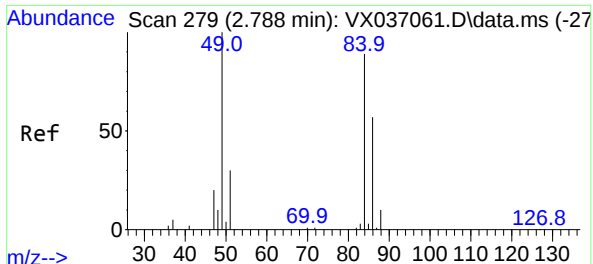
Tgt Ion: 64 Resp: 1460
Ion Ratio Lower Upper
64 100
66 13.3 25.1 37.7#



#16
Acetone
Concen: 5.442 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037347.D
Acq: 29 Aug 2023 17:17

Tgt Ion: 43 Resp: 4291
Ion Ratio Lower Upper
43 100
58 35.5 21.9 32.9#





#20

Methylene Chloride

Concen: 0.789 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX037347.D

Acq: 29 Aug 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

FMI-134

Tgt Ion: 84 Resp: 1391

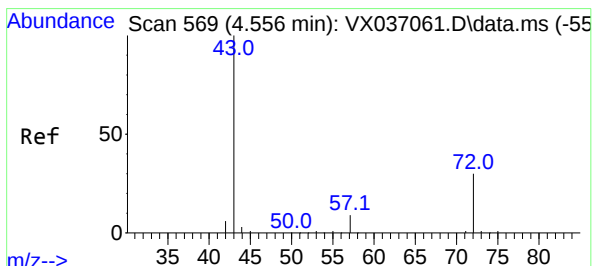
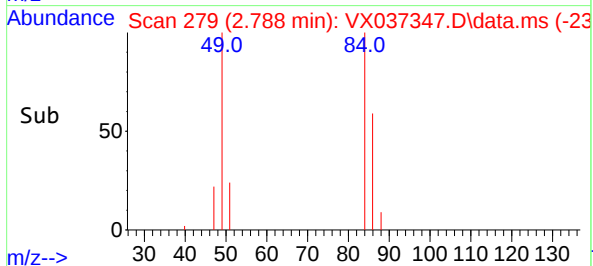
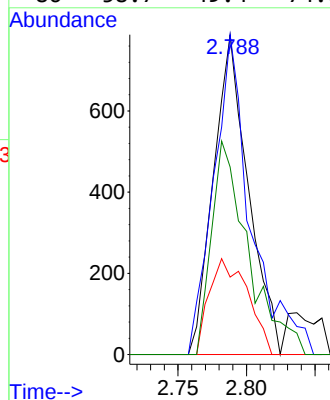
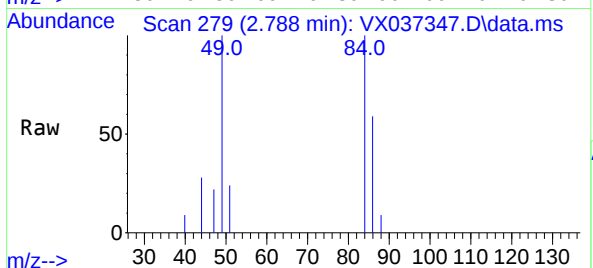
Ion Ratio Lower Upper

84 100

49 100.1 103.6 155.4#

51 24.3 33.8 50.6#

86 58.7 49.4 74.0



#25

2-Butanone

Concen: 0.308 ug/l

RT: 4.593 min Scan# 575

Delta R.T. 0.037 min

Lab File: VX037347.D

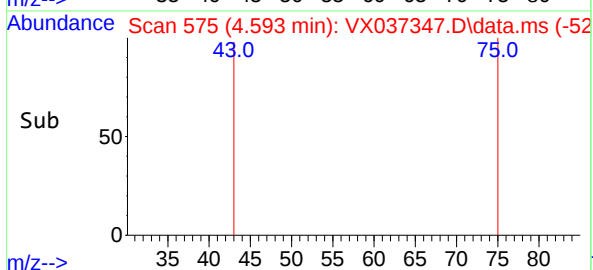
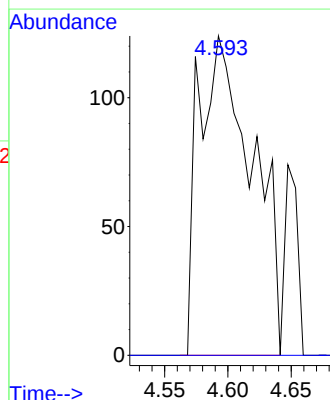
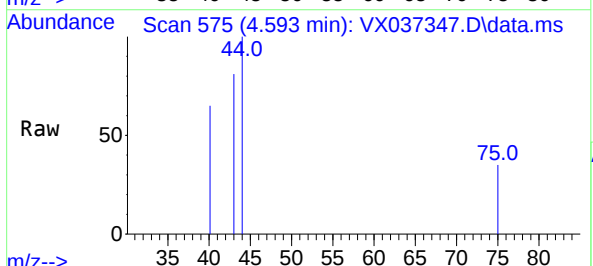
Acq: 29 Aug 2023 17:17

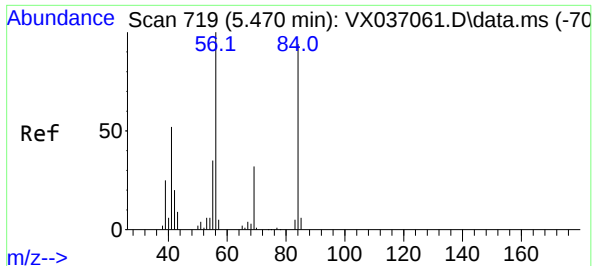
Tgt Ion: 43 Resp: 366

Ion Ratio Lower Upper

43 100

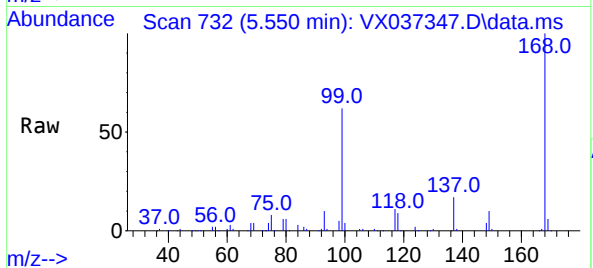
72 0.0 19.4 29.2#



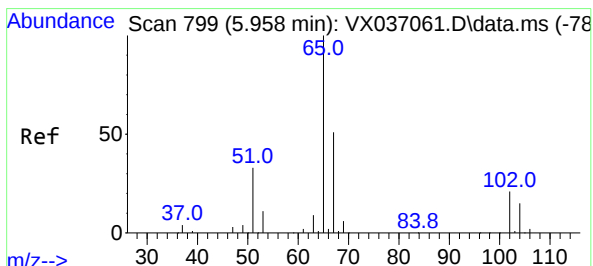
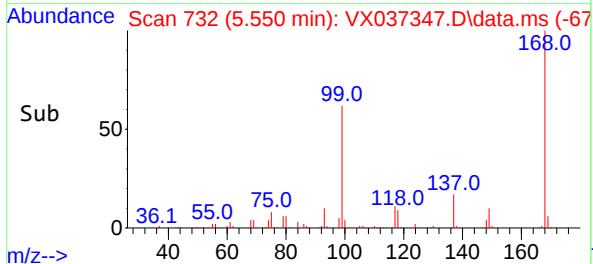
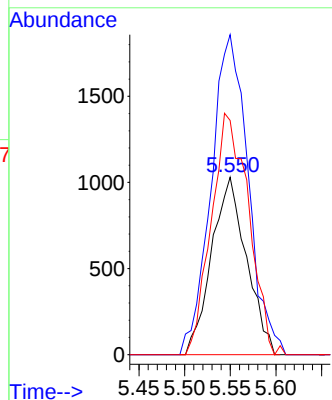


#31
Cyclohexane
Concen: 1.208 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037347.D
Acq: 29 Aug 2023 17:17

Instrument :
MSVOA_X
ClientSampleId :
FMI-134

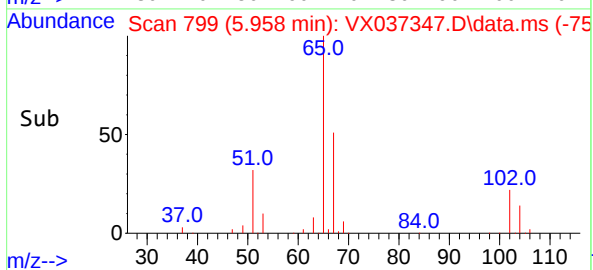
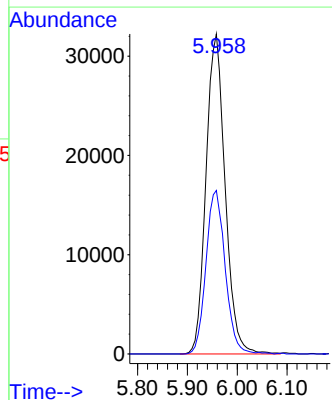
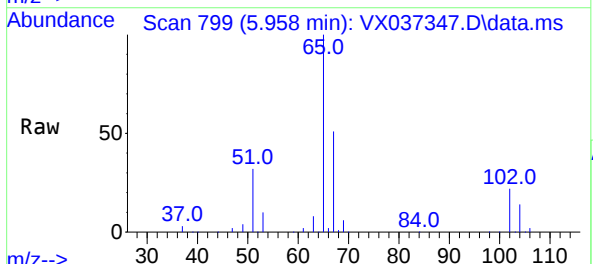


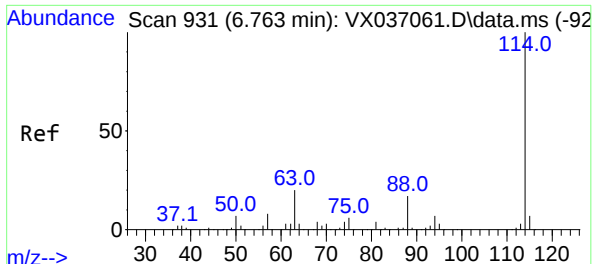
Tgt Ion: 56 Resp: 2737
Ion Ratio Lower Upper
56 100
69 180.4 23.4 35.2#
84 132.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 42.574 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037347.D
Acq: 29 Aug 2023 17:17

Tgt Ion: 65 Resp: 85807
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2



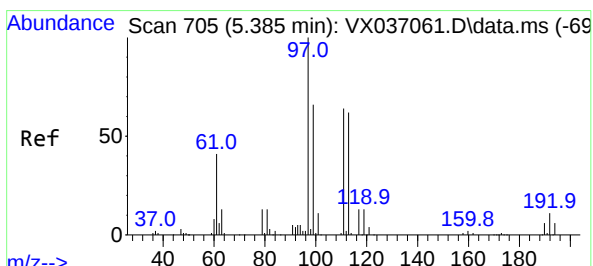
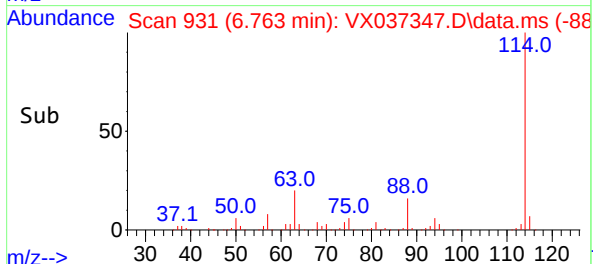
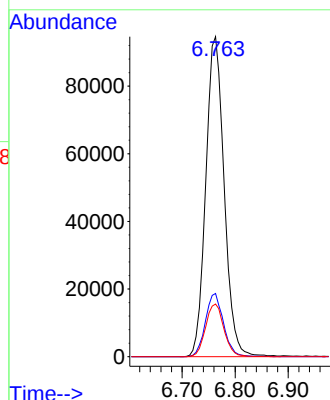
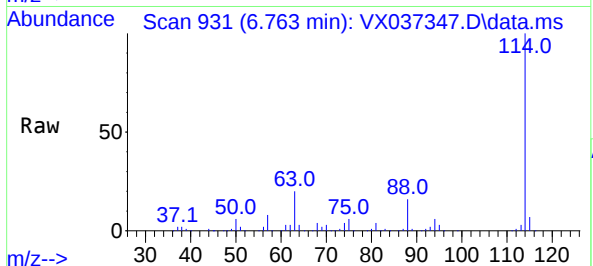


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037347.D
Acq: 29 Aug 2023 17:17

Instrument :
MSVOA_X
ClientSampleId :
FMI-134

Tgt Ion:114 Resp: 227542

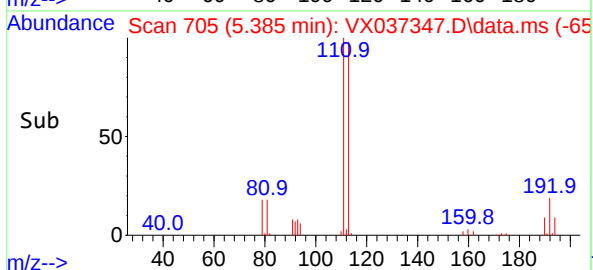
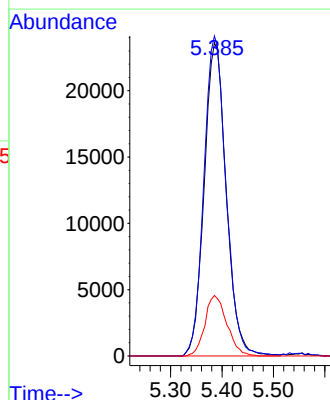
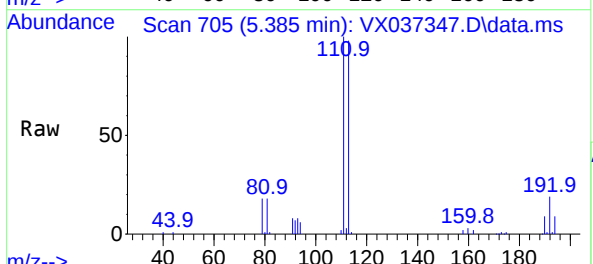
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	45.0
88	16.4	0.0	36.6

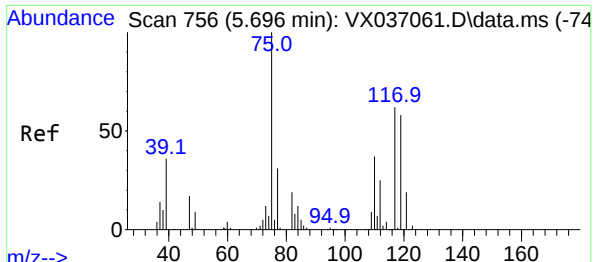


#35
Dibromofluoromethane
Concen: 46.596 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037347.D
Acq: 29 Aug 2023 17:17

Tgt Ion:113 Resp: 70218

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.9	124.3
192	19.2	13.3	19.9

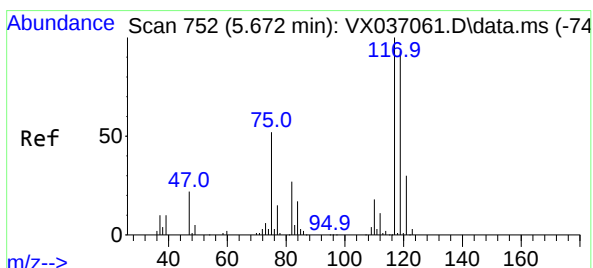
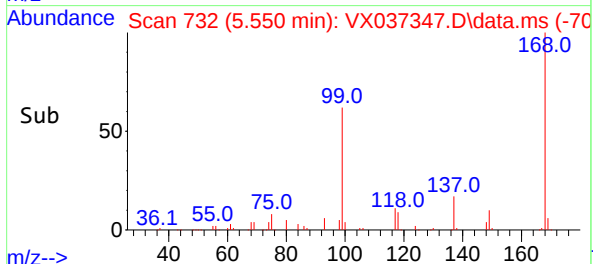
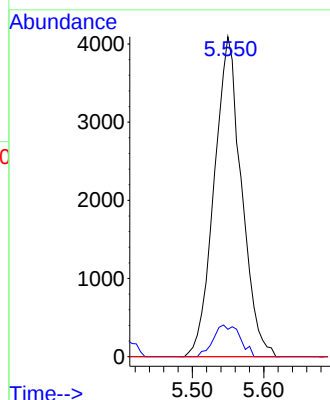
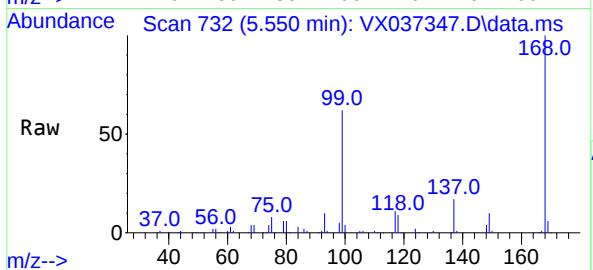




#36
1,1-Dichloropropene
Concen: 5.077 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX037347.D
Acq: 29 Aug 2023 17:17

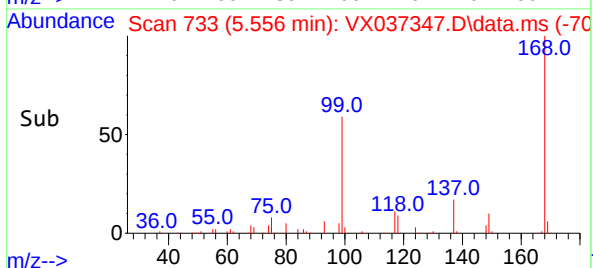
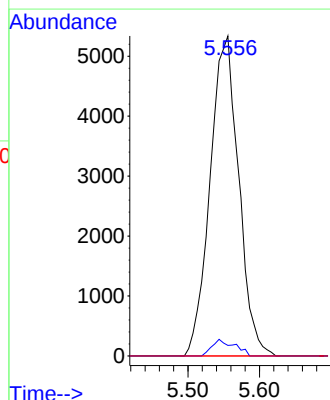
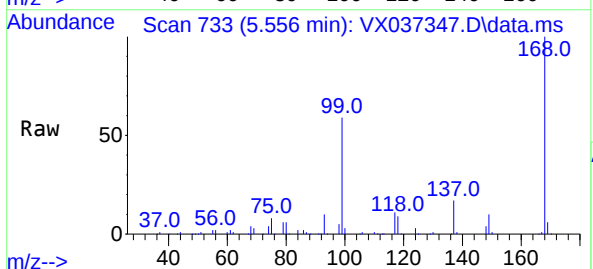
Instrument :
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FMI-134

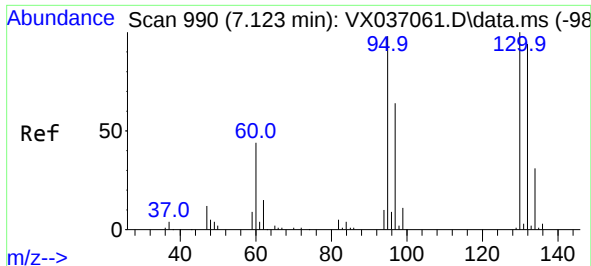
Tgt Ion: 75 Resp: 10870
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.384 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX037347.D
Acq: 29 Aug 2023 17:17

Tgt Ion: 117 Resp: 14848
Ion Ratio Lower Upper
117 100
119 3.3 78.2 117.2#
121 0.0 24.4 36.6#

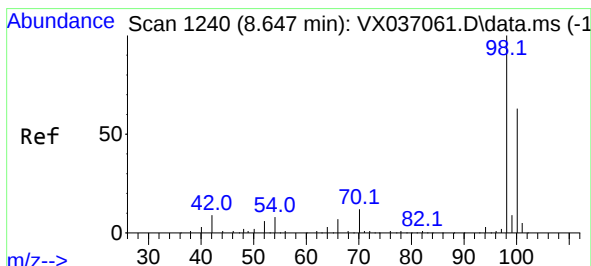
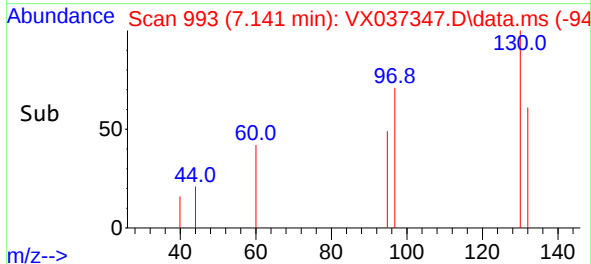
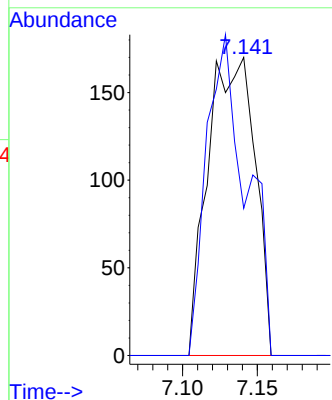
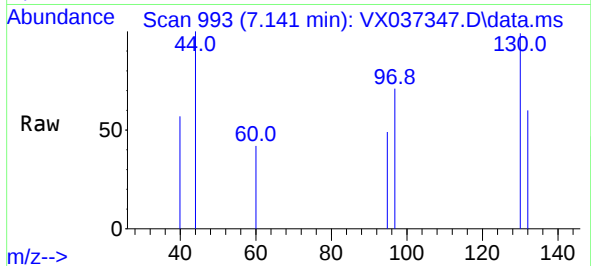




#44
Trichloroethene
Concen: 0.215 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.018 min
Lab File: VX037347.D
Acq: 29 Aug 2023 17:17

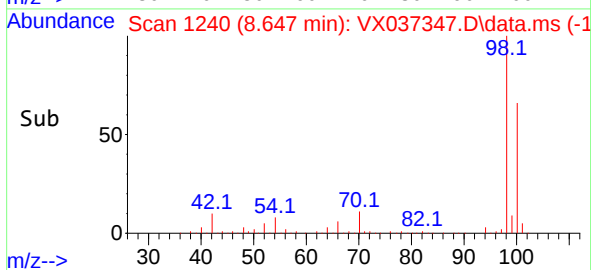
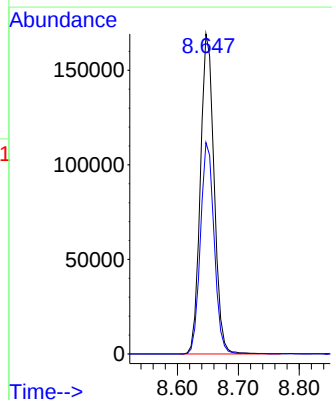
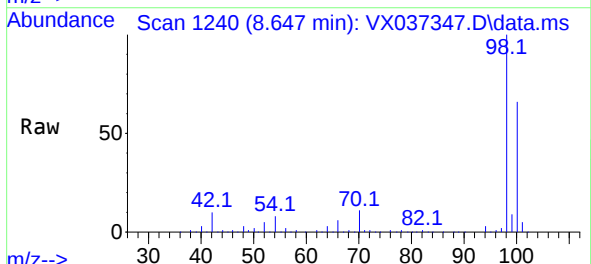
Instrument :
MSVOA_X
ClientSampleId :
FMI-134

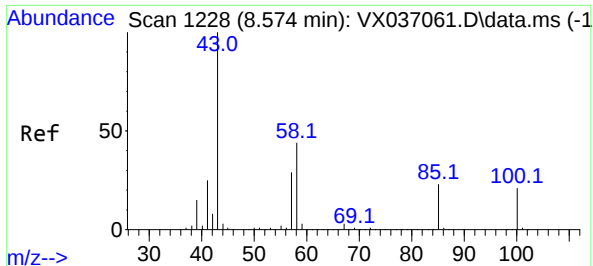
Tgt Ion:130 Resp: 374
Ion Ratio Lower Upper
130 100
95 49.4 0.0 204.4



#50
Toluene-d8
Concen: 48.364 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037347.D
Acq: 29 Aug 2023 17:17

Tgt Ion: 98 Resp: 264374
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.462 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX037347.D

Acq: 29 Aug 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

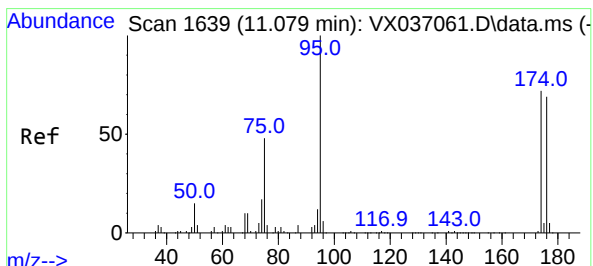
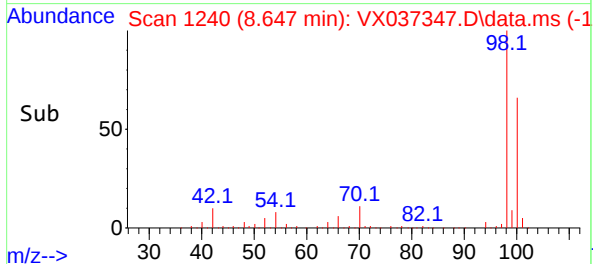
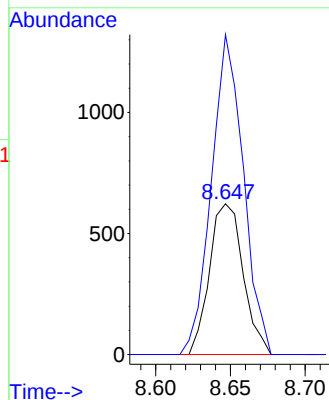
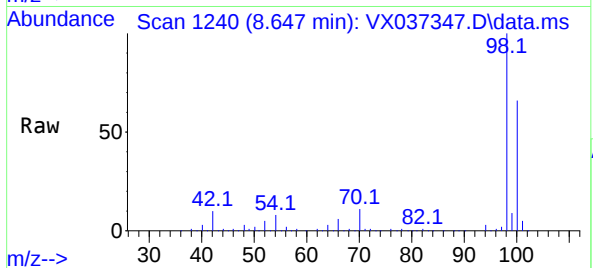
FMI-134

Tgt Ion: 43 Resp: 975

Ion Ratio Lower Upper

43 100

58 201.4 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 44.742 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX037347.D

Acq: 29 Aug 2023 17:17

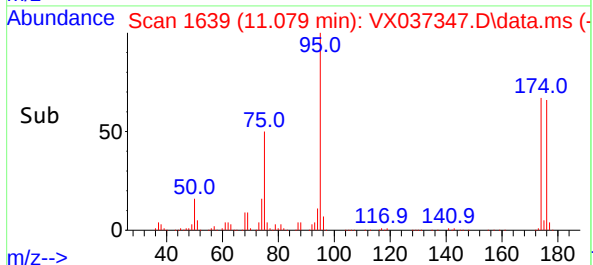
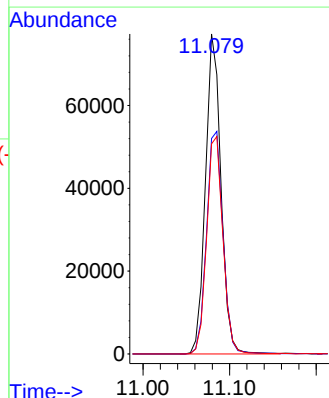
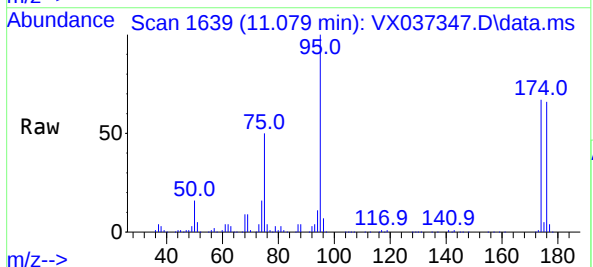
Tgt Ion: 95 Resp: 96114

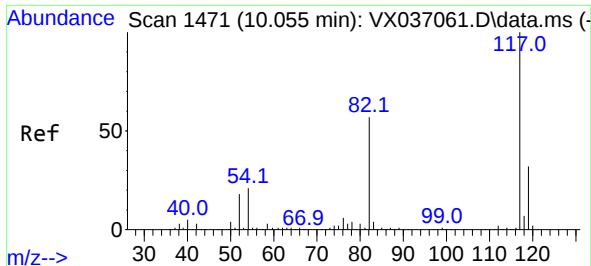
Ion Ratio Lower Upper

95 100

174 73.6 0.0 135.6

176 71.3 0.0 131.0

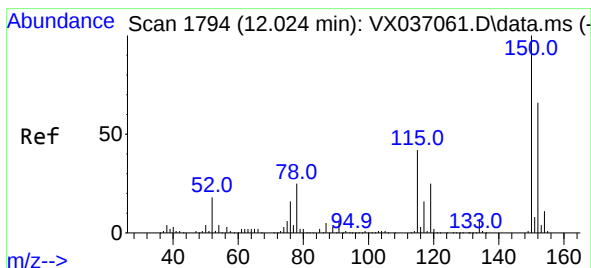
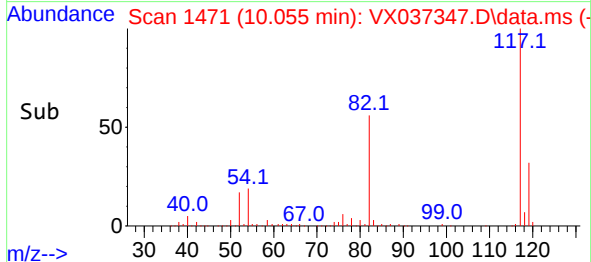
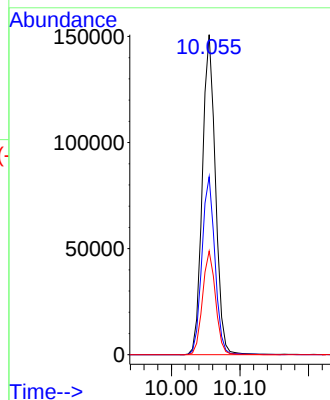
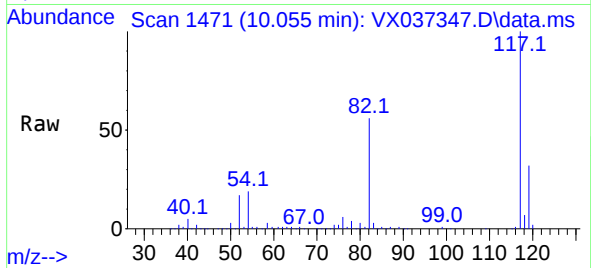




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037347.D
Acq: 29 Aug 2023 17:17

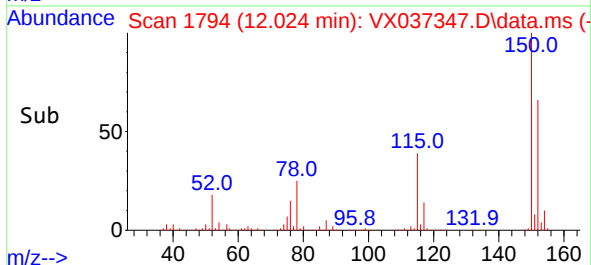
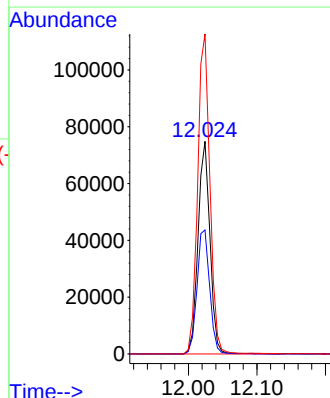
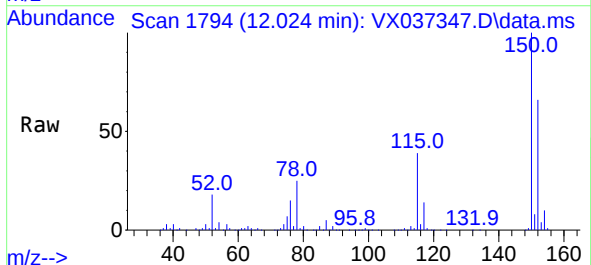
Instrument :
MSVOA_X
ClientSampleId :
FMI-134

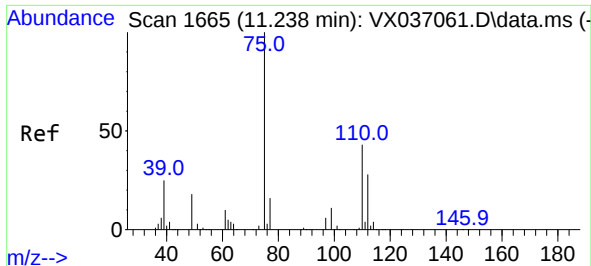
Tgt Ion:117 Resp: 200907
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037347.D
Acq: 29 Aug 2023 17:17

Tgt Ion:152 Resp: 90847
Ion Ratio Lower Upper
152 100
115 61.8 43.3 129.9
150 153.6 0.0 345.0

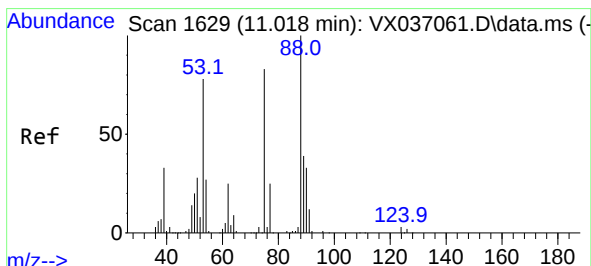
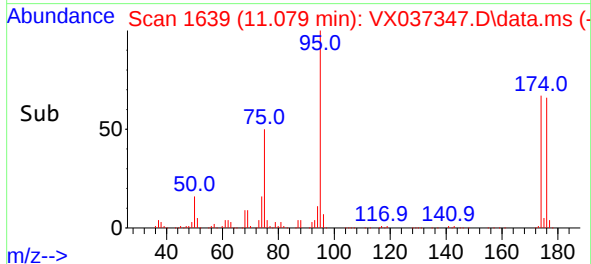
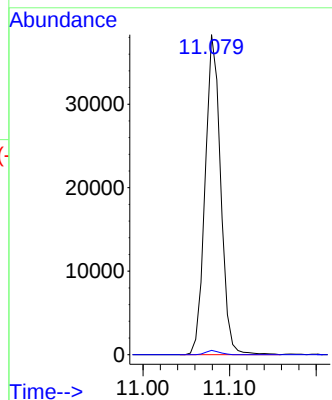
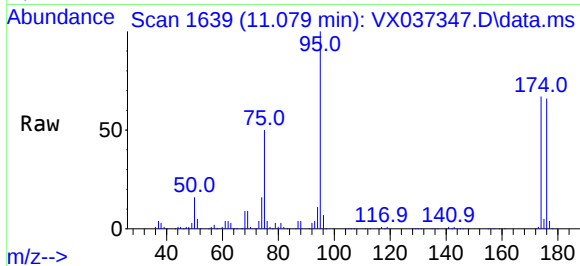




#76
1,2,3-Trichloropropane
Concen: 24.653 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037347.D
Acq: 29 Aug 2023 17:17

Instrument :
MSVOA_X
ClientSampleId :
FMI-134

Tgt Ion: 75 Resp: 47698
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.858 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037347.D
Acq: 29 Aug 2023 17:17

Tgt Ion: 75 Resp: 47698
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#

