

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112524\
 Data File : VX043991.D
 Acq On : 25 Nov 2024 16:58
 Operator : JC/MD
 Sample : P4873-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-34-20241114

Quant Time: Nov 27 07:43:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

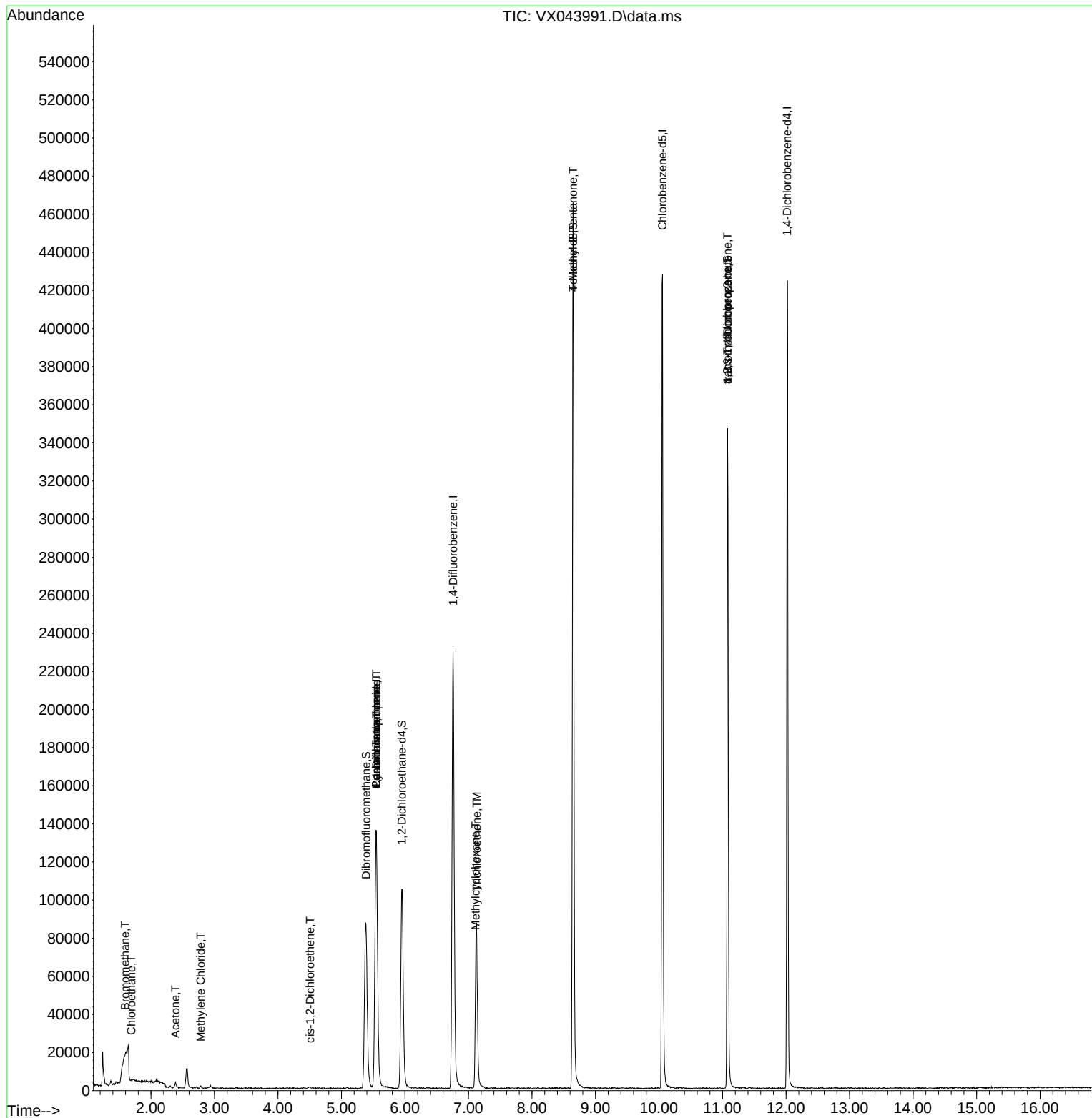
Internal Standards						
1) Pentafluorobenzene	5.550	168	122134	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	228854	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	81953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	102004	48.694	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.380%		
35) Dibromofluoromethane	5.385	113	76340	46.683	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.360%		
50) Toluene-d8	8.647	98	279707	49.620	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.240%		
62) 4-Bromofluorobenzene	11.079	95	90625	47.240	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.480%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	341	0.320	ug/l #	27
6) Chloroethane	1.691	64	262	0.248	ug/l #	42
16) Acetone	2.386	43	2473	2.570	ug/l	96
20) Methylene Chloride	2.782	84	437	0.268	ug/l	88
27) cis-1,2-Dichloroethene	4.507	96	547	0.305	ug/l #	1
31) Cyclohexane	5.550	56	3234	1.385	ug/l #	32
36) 1,1-Dichloropropene	5.550	75	11279	5.535	ug/l #	46
38) Carbon Tetrachloride	5.550	117	13774	6.016	ug/l #	15
39) Methylcyclohexane	7.110	83	571	0.216	ug/l #	15
44) Trichloroethene	7.129	130	32109	17.869	ug/l	96
51) 4-Methyl-2-Pentanone	8.647	43	1486	0.605	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	51209	28.493	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	51209	77.752	ug/l #	7

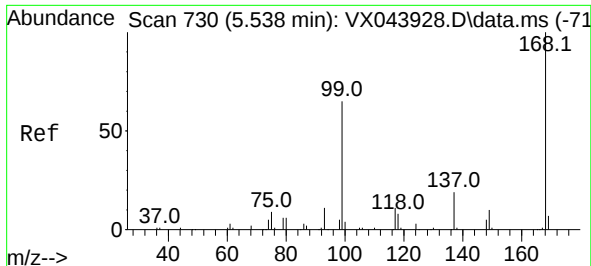
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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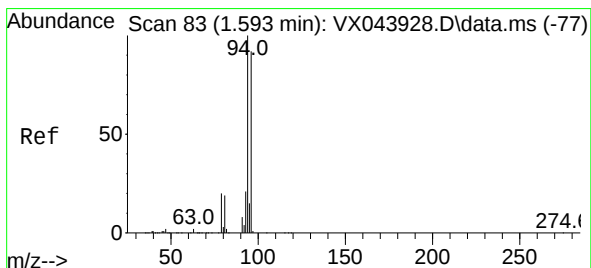
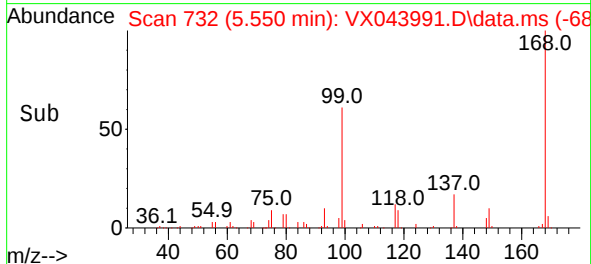
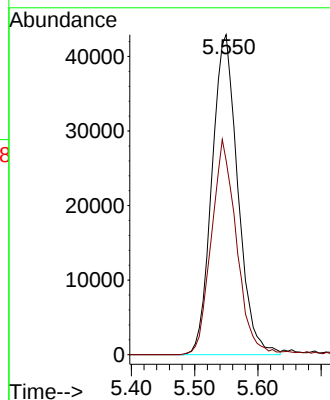
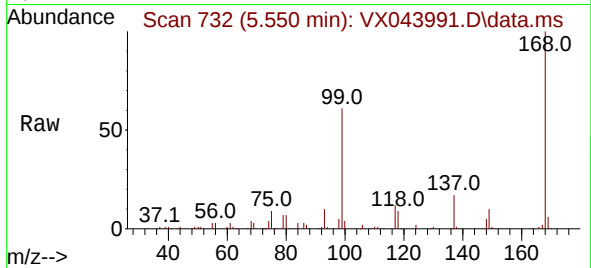




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX043991.D
Acq: 25 Nov 2024 16:58

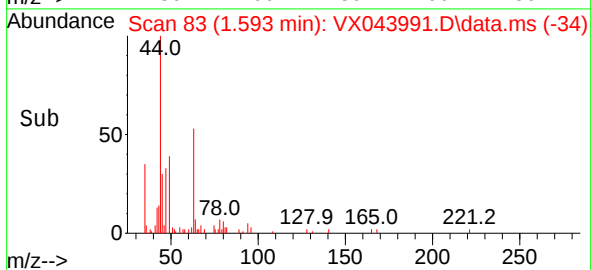
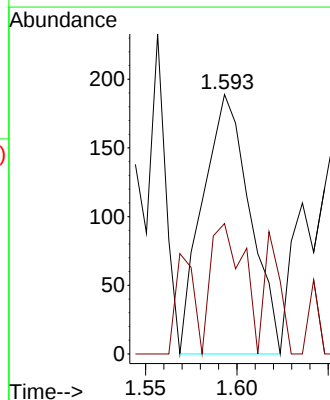
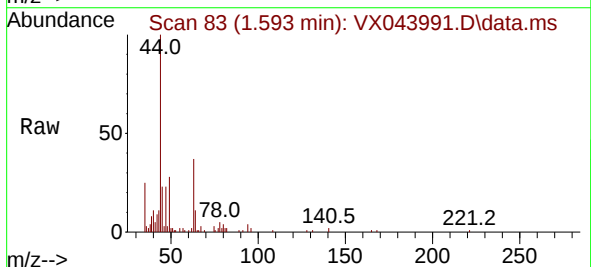
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-34-20241114

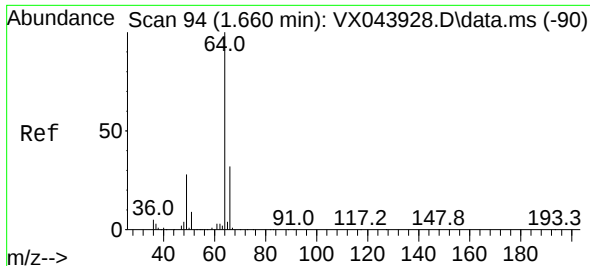
Tgt Ion:168 Resp: 122134
Ion Ratio Lower Upper
168 100
99 60.7 51.8 77.8



#5
Bromomethane
Concen: 0.320 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX043991.D
Acq: 25 Nov 2024 16:58

Tgt Ion: 94 Resp: 341
Ion Ratio Lower Upper
94 100
96 22.2 73.9 110.9#

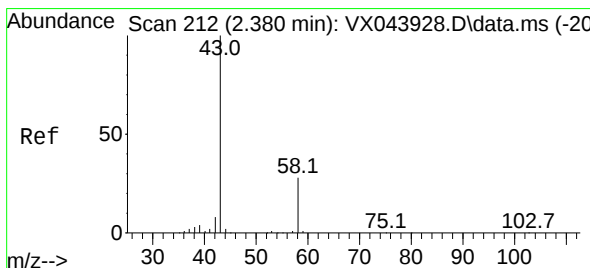
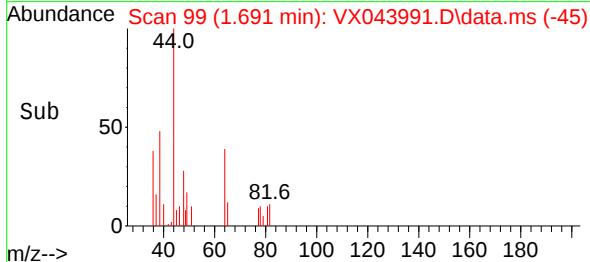
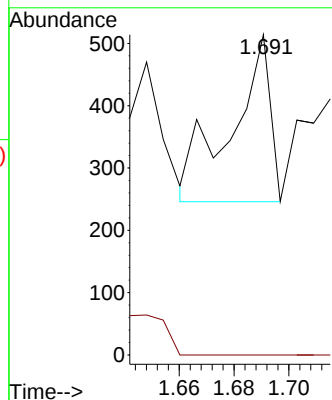
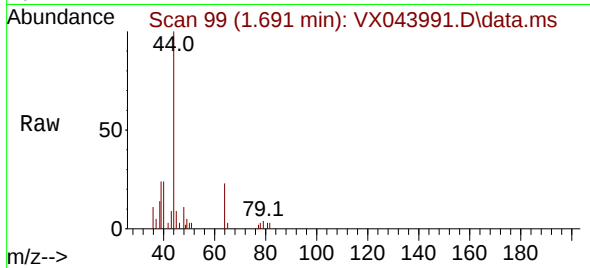




#6
Chloroethane
Concen: 0.248 ug/l
RT: 1.691 min Scan# 94
Delta R.T. 0.030 min
Lab File: VX043991.D
Acq: 25 Nov 2024 16:58

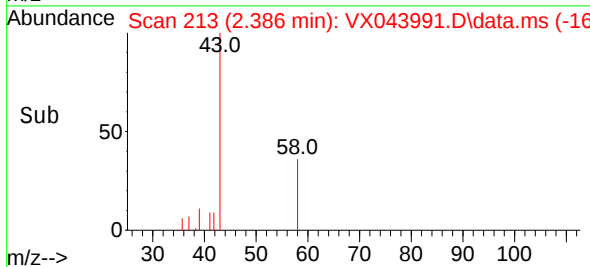
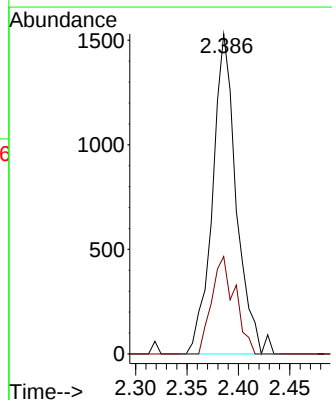
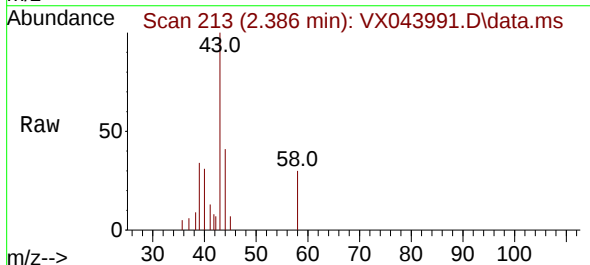
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-34-20241114

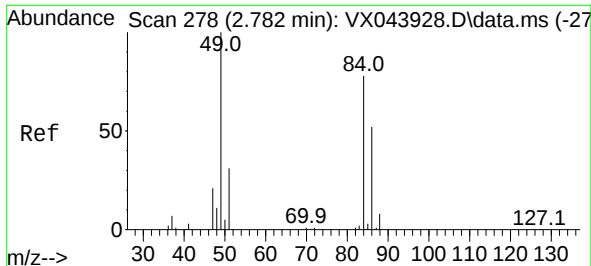
Tgt Ion: 64 Resp: 262
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#16
Acetone
Concen: 2.570 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX043991.D
Acq: 25 Nov 2024 16:58

Tgt Ion: 43 Resp: 2473
Ion Ratio Lower Upper
43 100
58 30.5 22.7 34.1

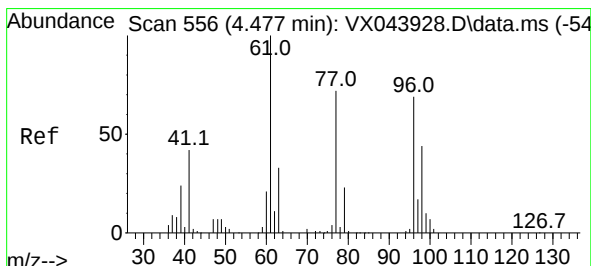
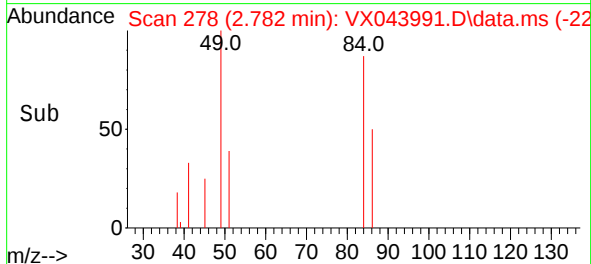
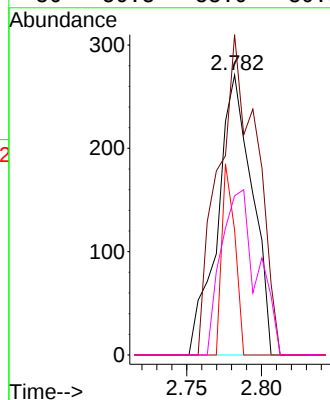
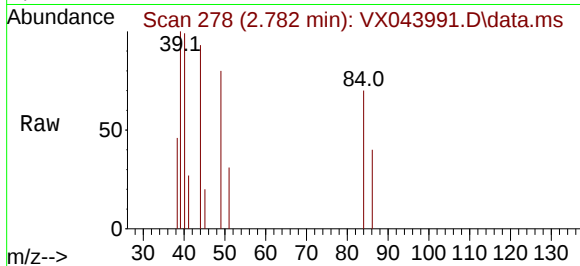




#20
Methylene Chloride
Concen: 0.268 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043991.D
Acq: 25 Nov 2024 16:58

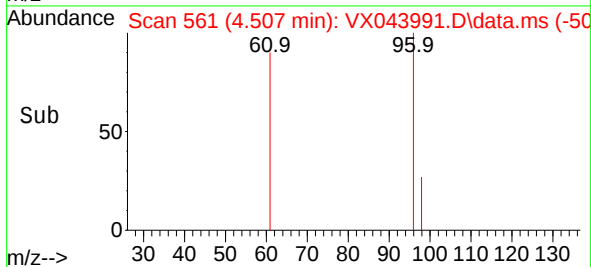
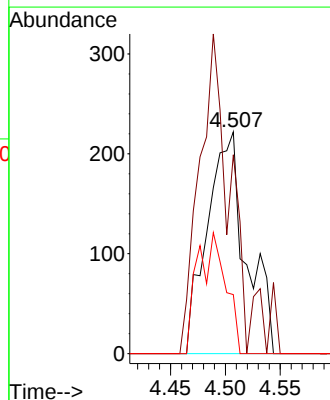
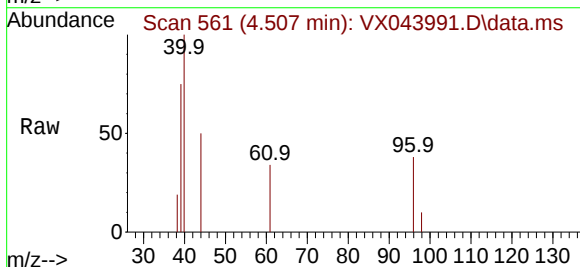
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-34-20241114

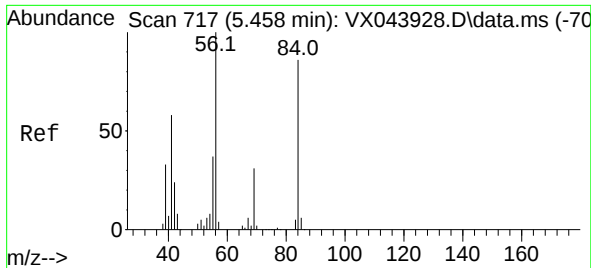
Tgt Ion:	84	Resp:	437
Ion	Ratio	Lower	Upper
84	100		
49	114.4	102.7	154.1
51	44.6	31.7	47.5
86	56.8	53.9	80.9



#27
cis-1,2-Dichloroethene
Concen: 0.305 ug/l
RT: 4.507 min Scan# 561
Delta R.T. 0.030 min
Lab File: VX043991.D
Acq: 25 Nov 2024 16:58

Tgt Ion:	96	Resp:	547
Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	297.4
98	0.0	0.0	127.8

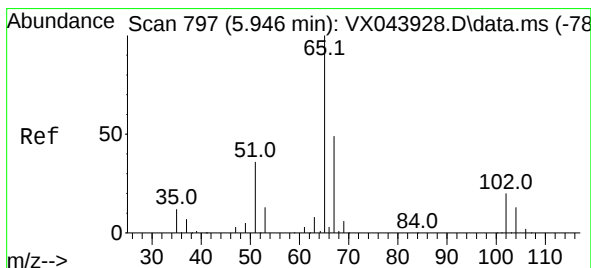
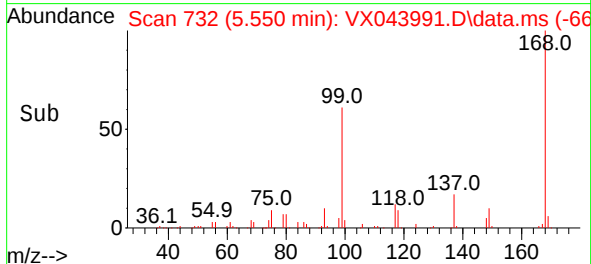
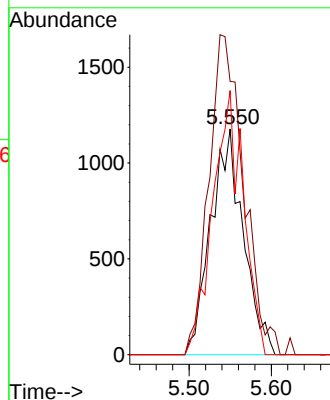
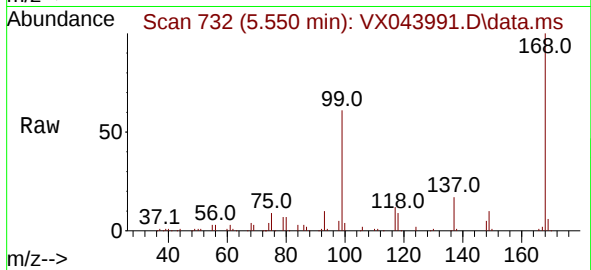




#31
Cyclohexane
Concen: 1.385 ug/l
RT: 5.550 min Scan# 717
Delta R.T. 0.091 min
Lab File: VX043991.D
Acq: 25 Nov 2024 16:58

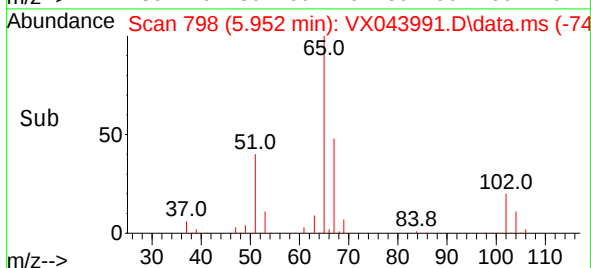
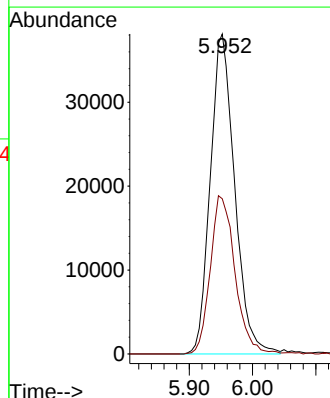
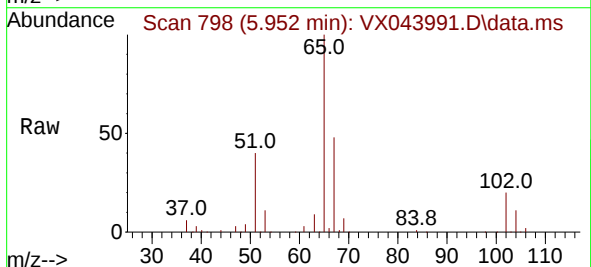
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-34-20241114

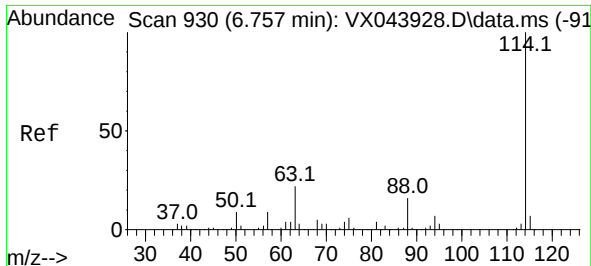
Tgt Ion: 56 Resp: 3234
Ion Ratio Lower Upper
56 100
69 121.1 24.7 37.1#
84 117.1 68.7 103.1#



#33
1,2-Dichloroethane-d4
Concen: 48.694 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX043991.D
Acq: 25 Nov 2024 16:58

Tgt Ion: 65 Resp: 102004
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.8

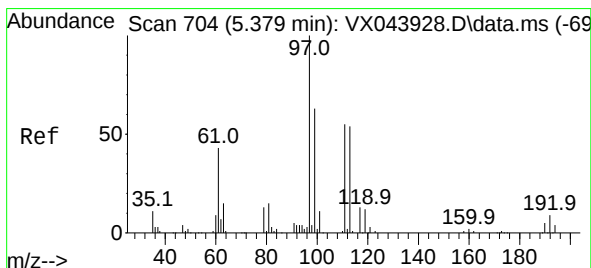
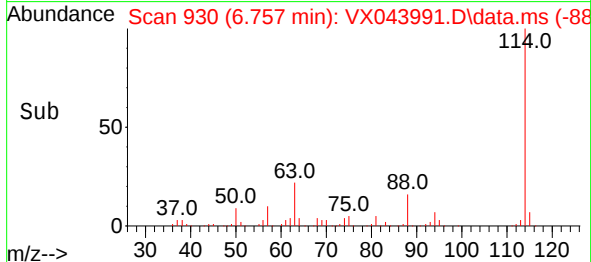
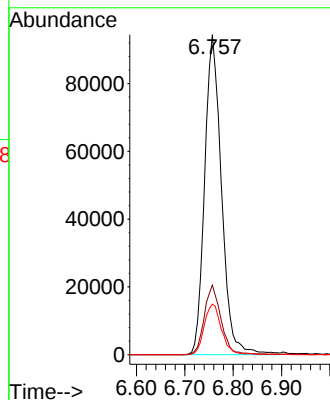
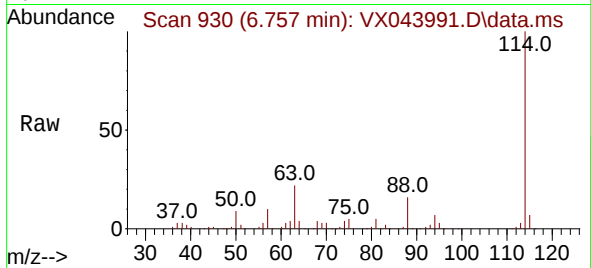




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043991.D
Acq: 25 Nov 2024 16:58

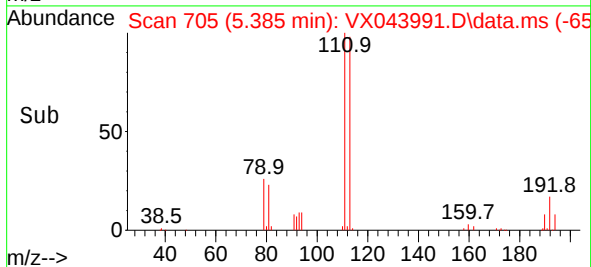
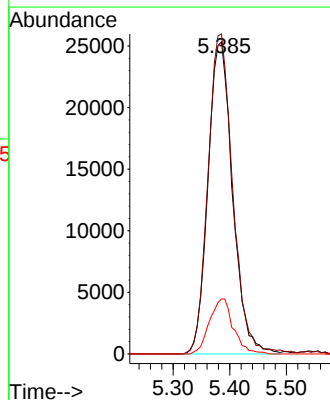
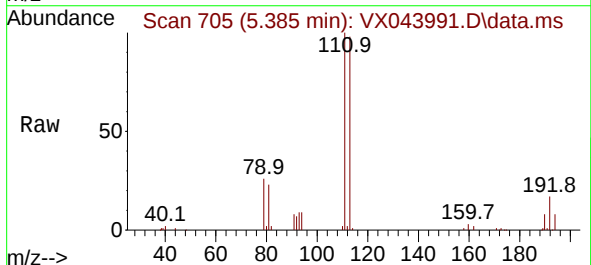
Instrument :
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ClientSampleId :
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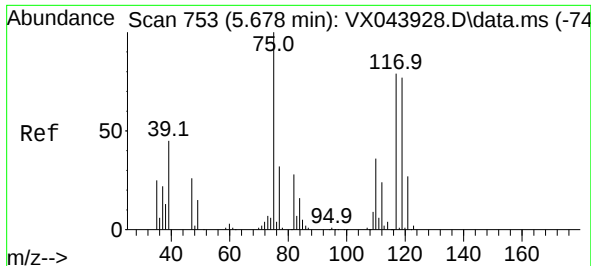
Tgt Ion:114 Resp: 228854
Ion Ratio Lower Upper
114 100
63 21.7 0.0 44.0
88 15.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 46.683 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043991.D
Acq: 25 Nov 2024 16:58

Tgt Ion:113 Resp: 76340
Ion Ratio Lower Upper
113 100
111 103.3 81.0 121.4
192 17.1 13.0 19.6

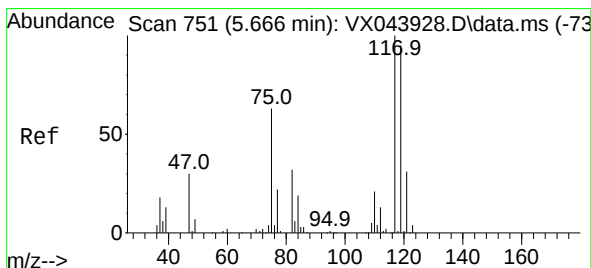
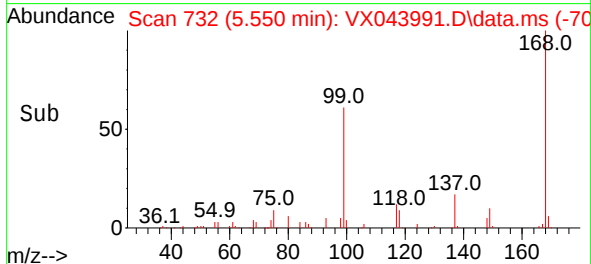
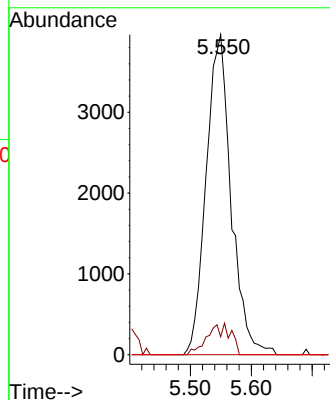
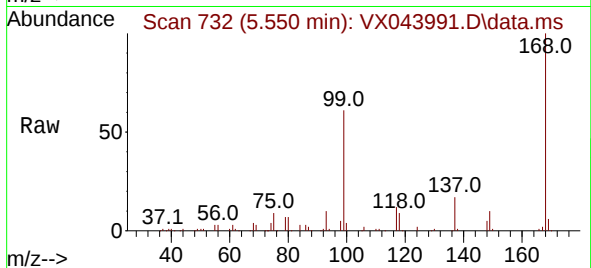




#36
1,1-Dichloropropene
Concen: 5.535 ug/l
RT: 5.550 min Scan# 74
Delta R.T. -0.128 min
Lab File: VX043991.D
Acq: 25 Nov 2024 16:58

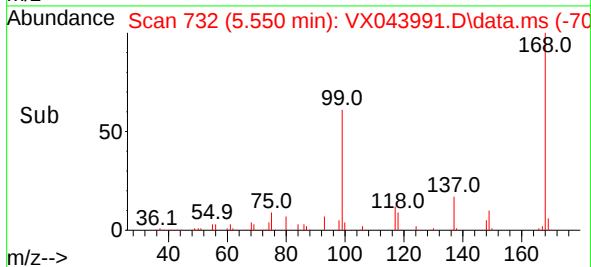
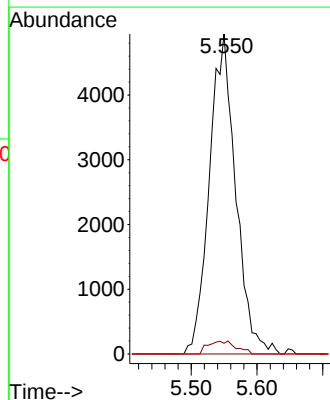
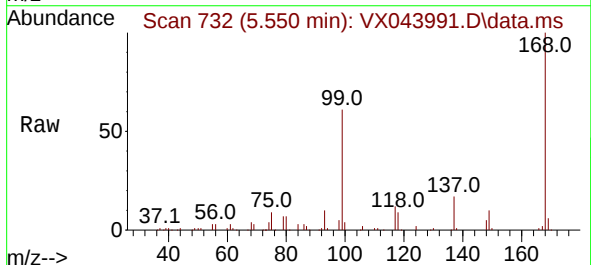
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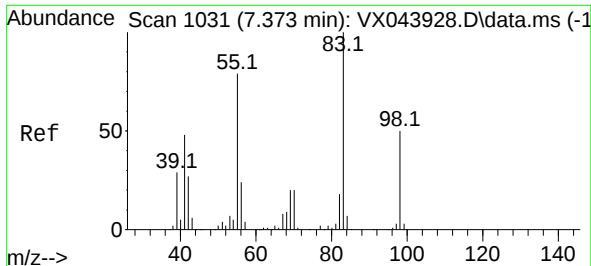
Tgt Ion: 75 Resp: 11279
Ion Ratio Lower Upper
75 100
110 5.6 17.4 52.2#
77 0.0 25.8 38.8#



#38
Carbon Tetrachloride
Concen: 6.016 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.116 min
Lab File: VX043991.D
Acq: 25 Nov 2024 16:58

Tgt Ion:117 Resp: 13774
Ion Ratio Lower Upper
117 100
119 3.4 75.2 112.8#
121 0.0 24.5 36.7#





#39

Methylcyclohexane

Concen: 0.216 ug/l

RT: 7.110 min Scan# 91

Delta R.T. -0.262 min

Lab File: VX043991.D

Acq: 25 Nov 2024 16:58

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-34-20241114

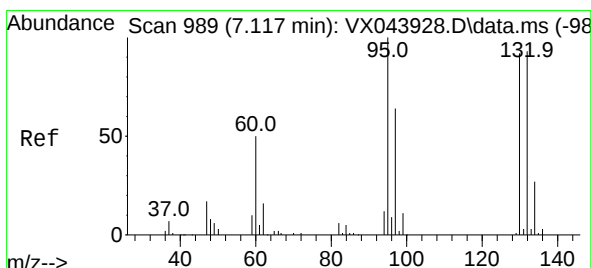
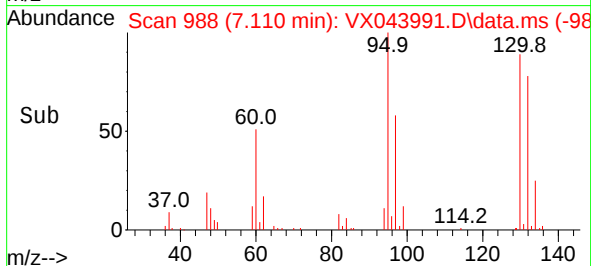
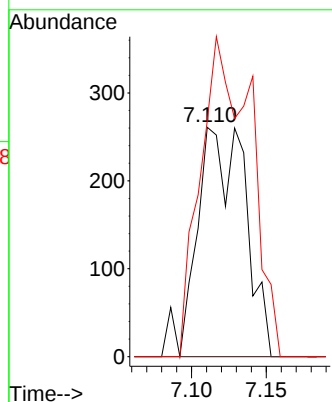
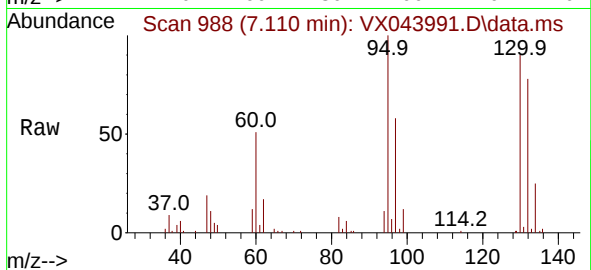
Tgt Ion: 83 Resp: 571

Ion Ratio Lower Upper

83 100

55 0.0 63.1 94.7#

98 102.7 40.0 60.0#



#44

Trichloroethene

Concen: 17.869 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.012 min

Lab File: VX043991.D

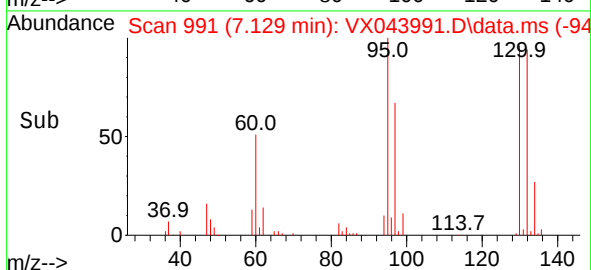
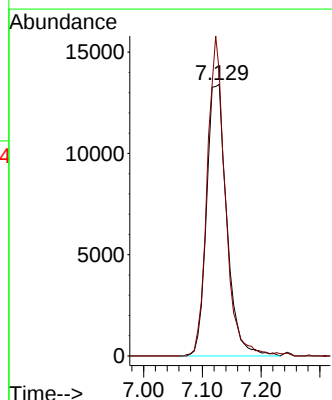
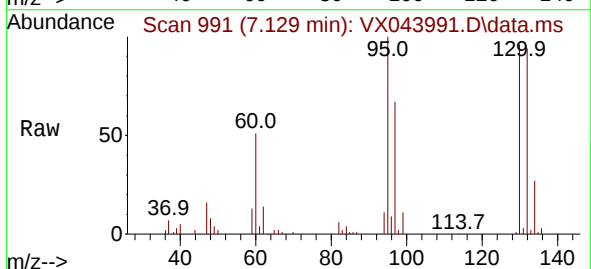
Acq: 25 Nov 2024 16:58

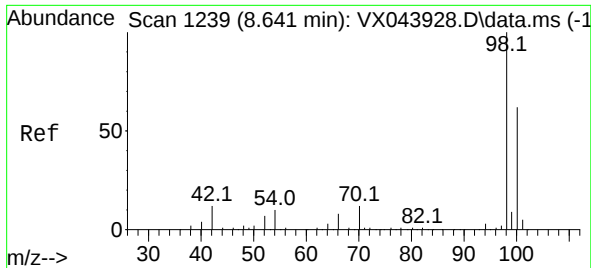
Tgt Ion:130 Resp: 32109

Ion Ratio Lower Upper

130 100

95 104.5 0.0 217.8

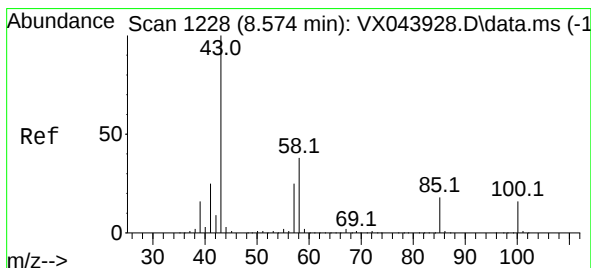
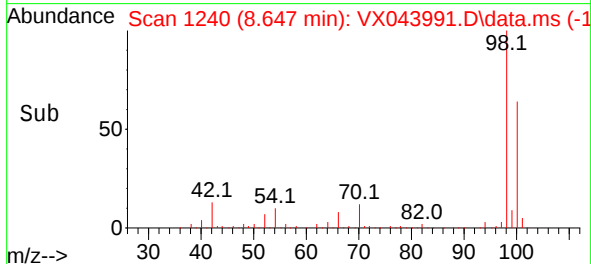
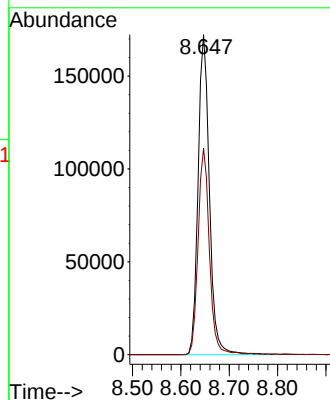
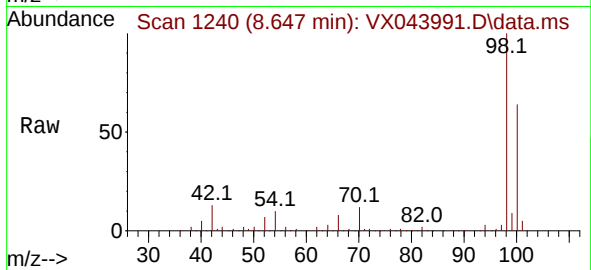




#50
Toluene-d8
Concen: 49.620 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX043991.D
Acq: 25 Nov 2024 16:58

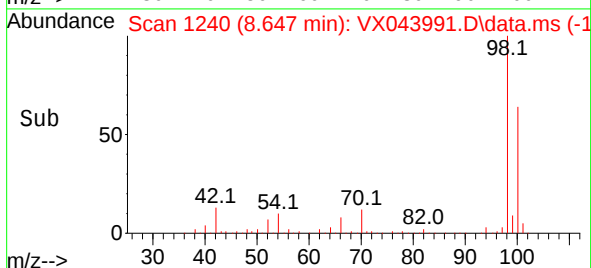
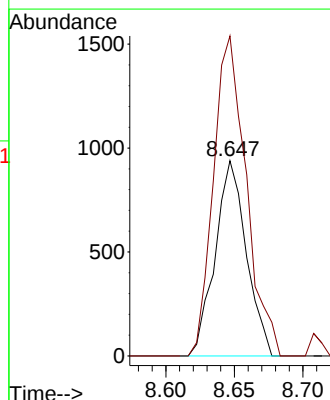
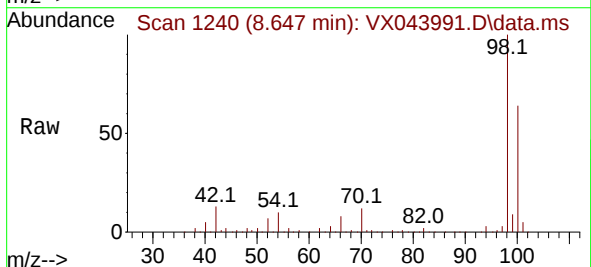
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-34-20241114

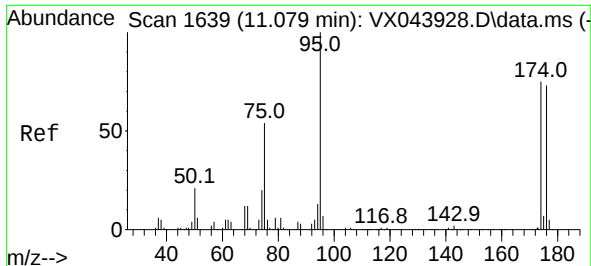
Tgt Ion: 98 Resp: 279707
Ion Ratio Lower Upper
98 100
100 64.2 52.6 79.0



#51
4-Methyl-2-Pentanone
Concen: 0.605 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX043991.D
Acq: 25 Nov 2024 16:58

Tgt Ion: 43 Resp: 1486
Ion Ratio Lower Upper
43 100
58 171.9 30.0 45.0#





#62

4-Bromofluorobenzene

Concen: 47.240 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043991.D

Acq: 25 Nov 2024 16:58

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-34-20241114

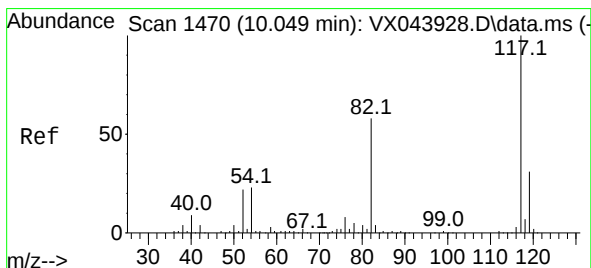
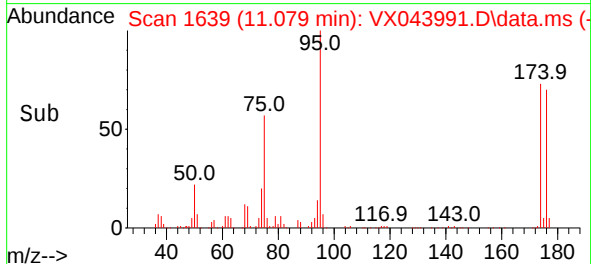
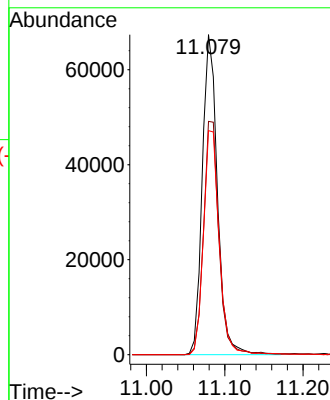
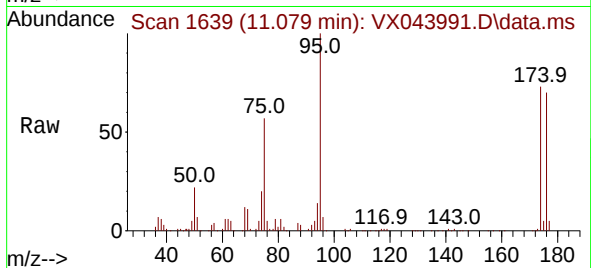
Tgt Ion: 95 Resp: 90625

Ion Ratio Lower Upper

95 100

174 74.0 0.0 150.4

176 72.9 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX043991.D

Acq: 25 Nov 2024 16:58

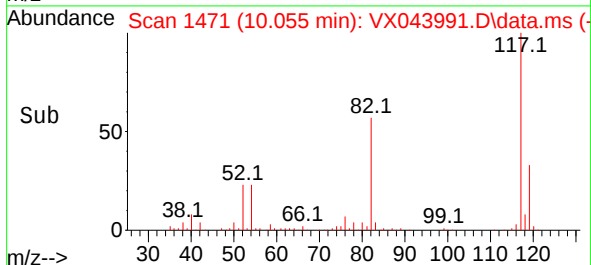
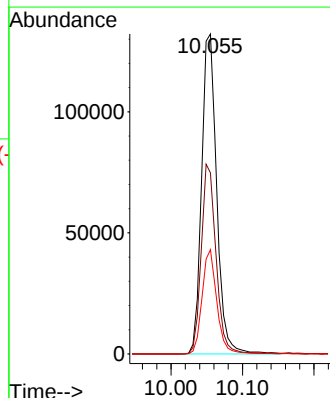
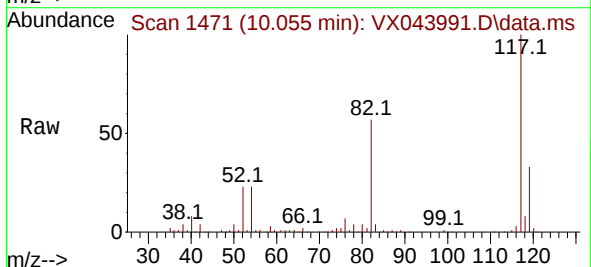
Tgt Ion: 117 Resp: 193773

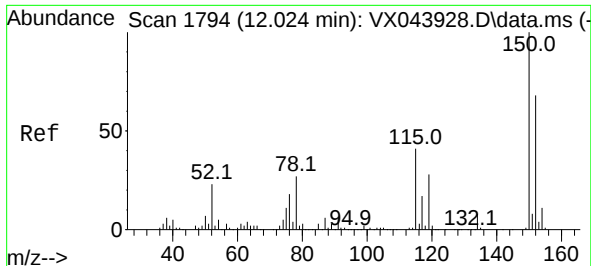
Ion Ratio Lower Upper

117 100

82 56.6 46.4 69.6

119 32.6 24.6 37.0

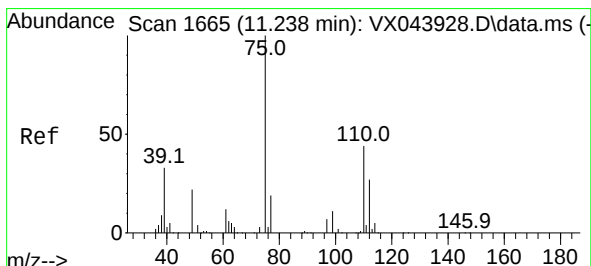
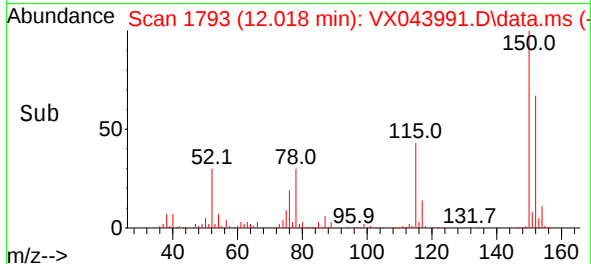
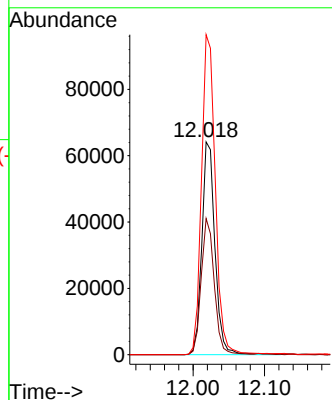
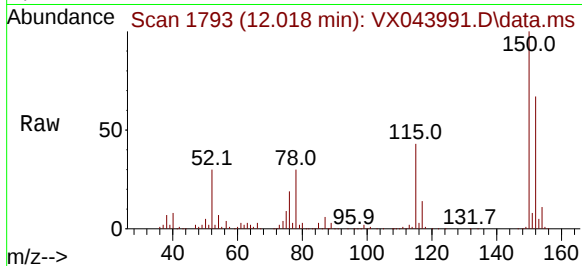




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX043991.D
Acq: 25 Nov 2024 16:58

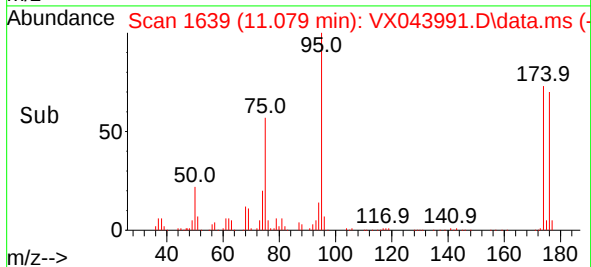
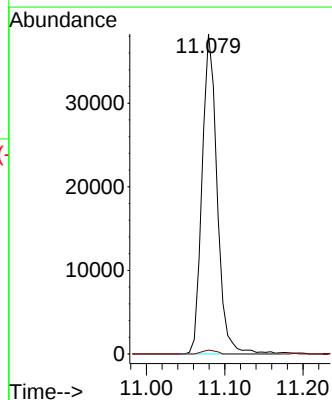
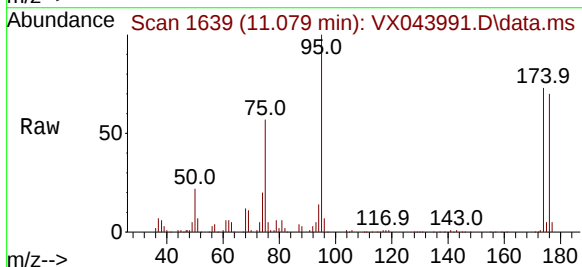
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-34-20241114

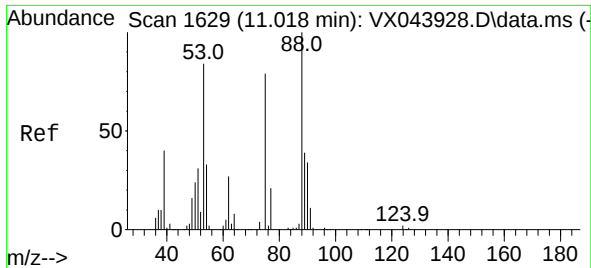
Tgt Ion:152 Resp: 81953
Ion Ratio Lower Upper
152 100
115 63.4 45.4 136.2
150 157.9 0.0 353.0



#76
1,2,3-Trichloropropane
Concen: 28.493 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043991.D
Acq: 25 Nov 2024 16:58

Tgt Ion: 75 Resp: 51209
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.3#





#81

trans-1,4-Dichloro-2-butene

Concen: 77.752 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX043991.D

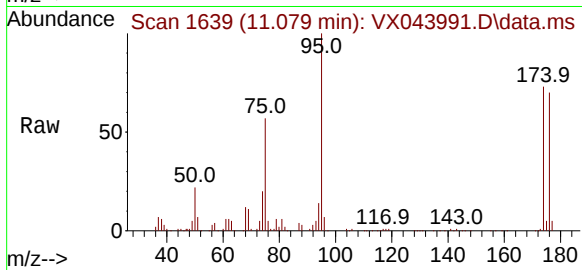
Acq: 25 Nov 2024 16:58

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-34-20241114



Tgt Ion: 75 Resp: 51209

Ion Ratio Lower Upper

75 100

53 0.0 86.7 130.1#

89 0.1 38.2 57.2#

