

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112224\
 Data File : VX043957.D
 Acq On : 22 Nov 2024 14:11
 Operator : JC/MD
 Sample : P4846-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-RB-3-20241113

Quant Time: Nov 22 22:22:59 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)

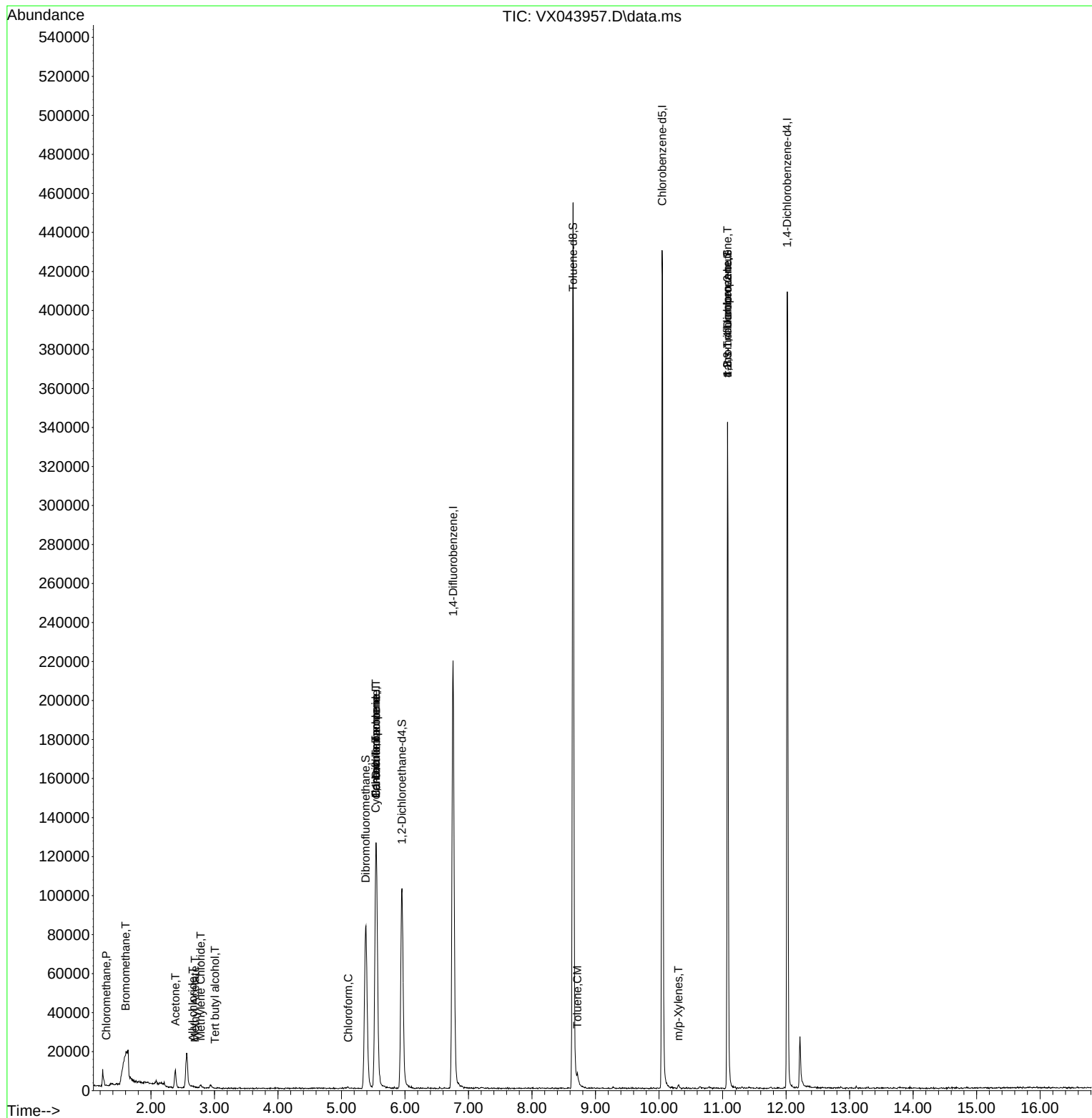
Internal Standards						
1) Pentafluorobenzene	5.544	168	111620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	218890	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	191816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100149	52.312	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.620%	
35) Dibromofluoromethane	5.379	113	72805	46.548	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.100%	
50) Toluene-d8	8.647	98	270088	50.095	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.180%	
62) 4-Bromofluorobenzene	11.079	95	86343	47.056	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 94.120%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	320	0.215	ug/l	100
5) Bromomethane	1.599	94	409	0.420	ug/l	100
11) Tert butyl alcohol	3.007	59	68	0.221	ug/l #	73
14) Allyl chloride	2.660	41	810	0.385	ug/l #	21
16) Acetone	2.386	43	9376	10.663	ug/l	93
18) Methyl Acetate	2.690	43	487	0.238	ug/l #	52
20) Methylene Chloride	2.782	84	709	0.475	ug/l #	73
30) Chloroform	5.105	83	837	0.300	ug/l #	53
31) Cyclohexane	5.537	56	3225	1.511	ug/l #	24
36) 1,1-Dichloropropene	5.544	75	11389	5.843	ug/l #	49
38) Carbon Tetrachloride	5.544	117	13744	6.276	ug/l #	15
52) Toluene	8.714	92	1460	0.402	ug/l	97
68) m/p-Xylenes	10.305	106	579	0.217	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	50780	29.825	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	50780	81.386	ug/l #	6

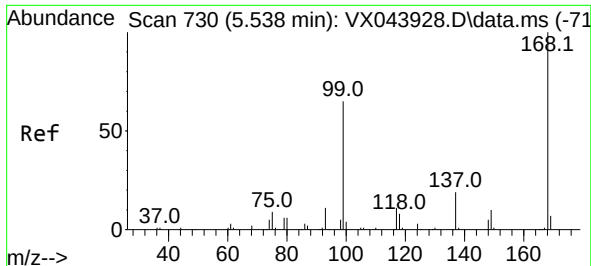
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
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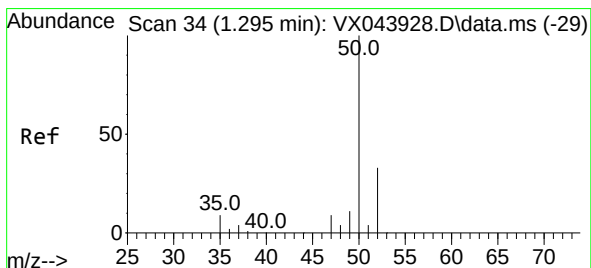
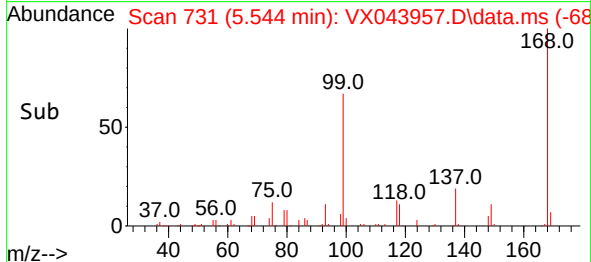
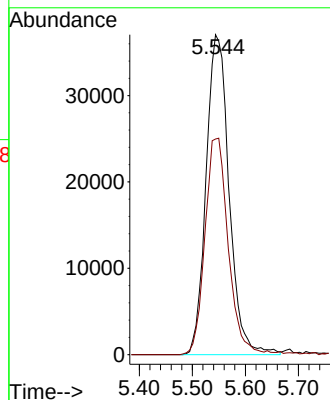
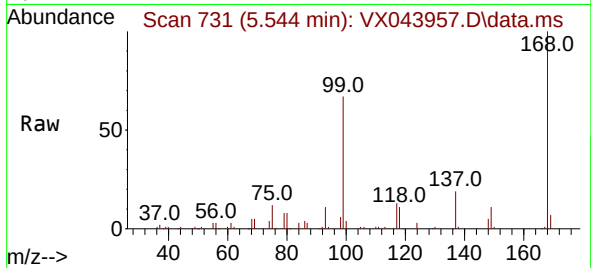




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX043957.D
Acq: 22 Nov 2024 14:11

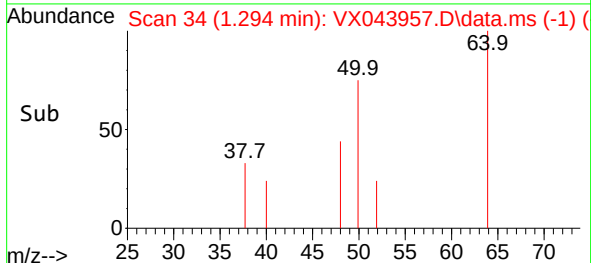
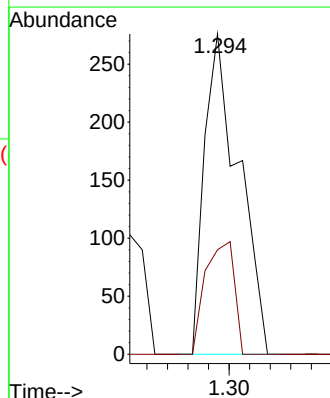
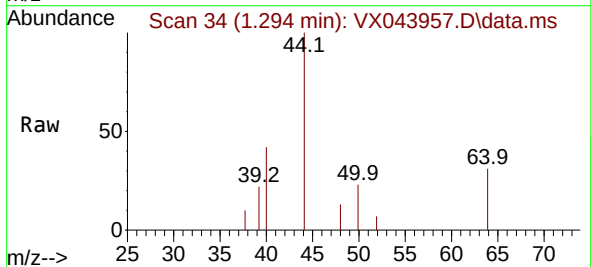
Instrument : MSVOA_X
ClientSampleId : FSND-RB-3-20241113

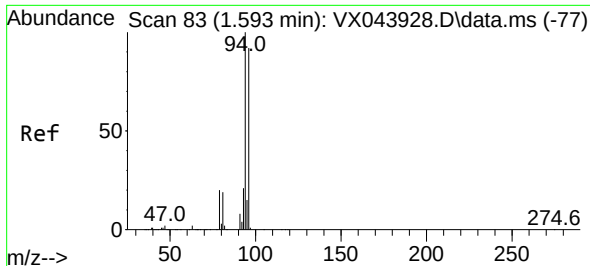
Tgt Ion:168 Resp: 111620
Ion Ratio Lower Upper
168 100
99 67.4 51.8 77.8



#3
Chloromethane
Concen: 0.215 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043957.D
Acq: 22 Nov 2024 14:11

Tgt Ion: 50 Resp: 320
Ion Ratio Lower Upper
50 100
52 32.6 26.1 39.1

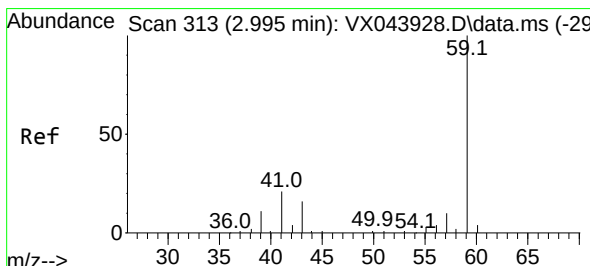
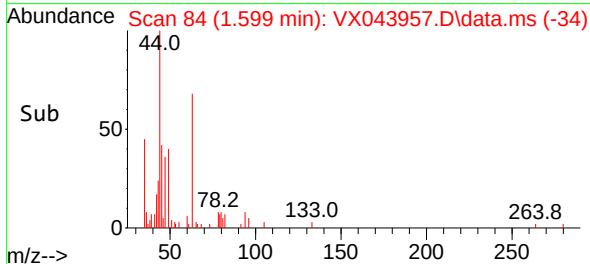
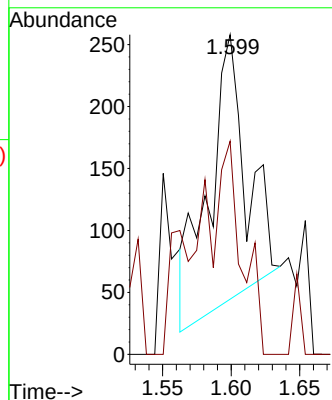
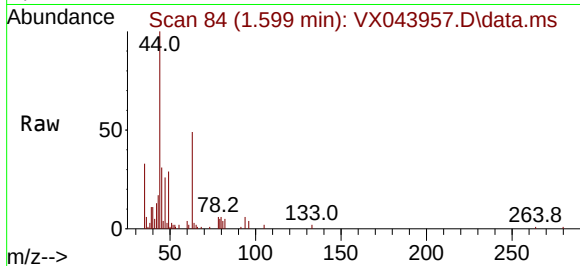




#5
Bromomethane
Concen: 0.420 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX043957.D
Acq: 22 Nov 2024 14:11

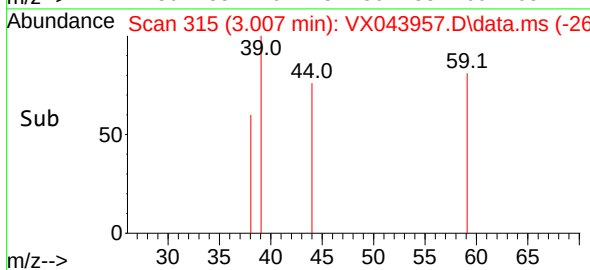
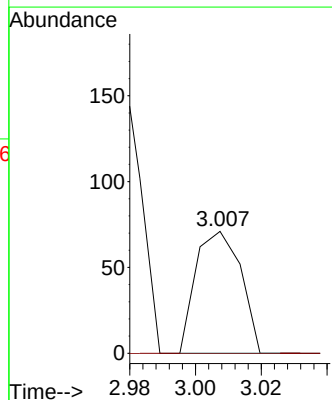
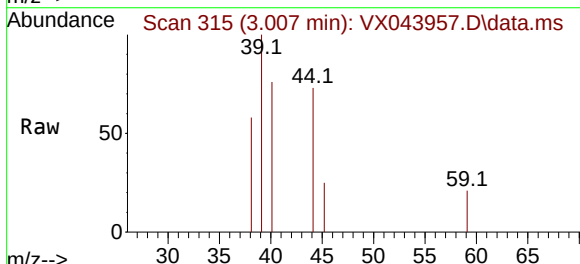
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-3-20241113

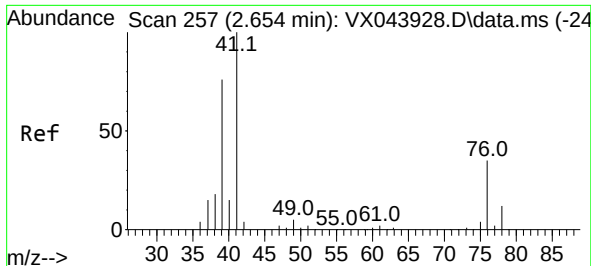
Tgt Ion: 94 Resp: 409
Ion Ratio Lower Upper
94 100
96 92.0 73.9 110.9



#11
Tert butyl alcohol
Concen: 0.221 ug/l
RT: 3.007 min Scan# 315
Delta R.T. 0.012 min
Lab File: VX043957.D
Acq: 22 Nov 2024 14:11

Tgt Ion: 59 Resp: 68
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#





#14

Allyl chloride

Concen: 0.385 ug/l

RT: 2.660 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX043957.D

Acq: 22 Nov 2024 14:11

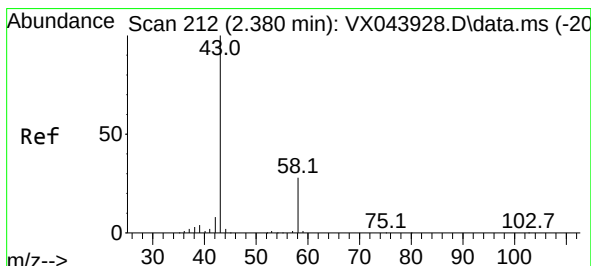
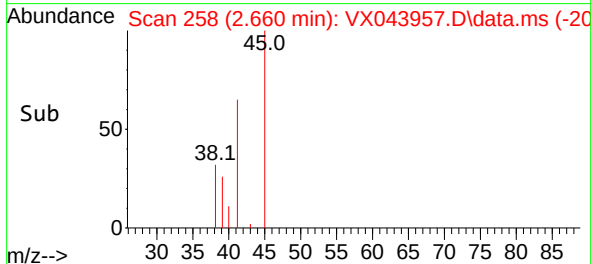
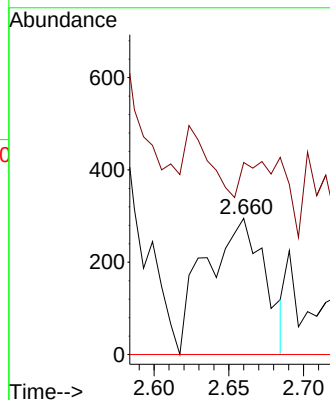
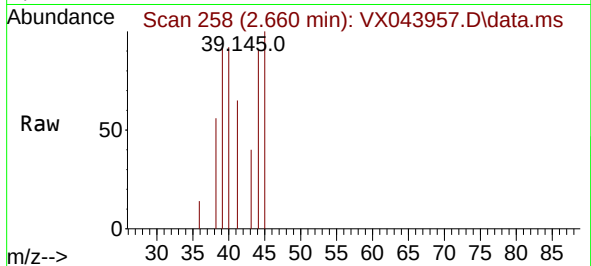
Instrument :

MSVOA_X

ClientSampleId :

FSND-RB-3-20241113

Tgt Ion: 41	Resp: 810
Ion Ratio	Lower Upper
41	100
39	0.0 59.5 89.3#
76	0.0 27.4 41.2#



#16

Acetone

Concen: 10.663 ug/l

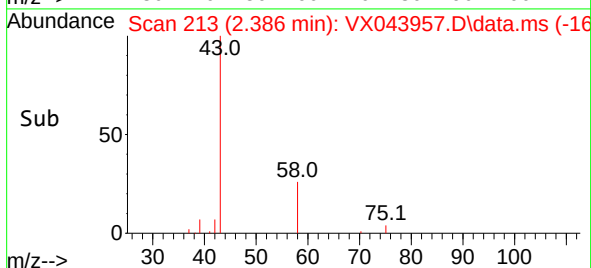
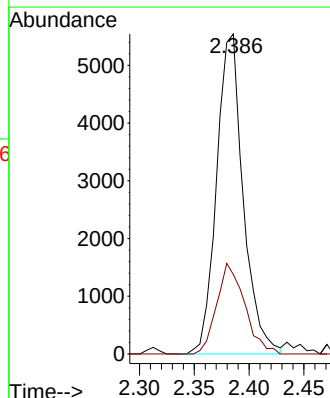
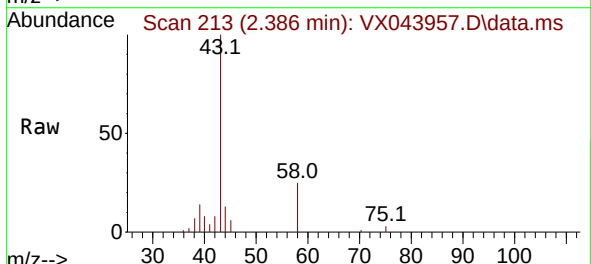
RT: 2.386 min Scan# 213

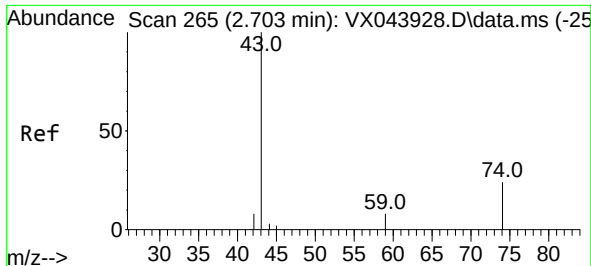
Delta R.T. 0.006 min

Lab File: VX043957.D

Acq: 22 Nov 2024 14:11

Tgt Ion: 43	Resp: 9376
Ion Ratio	Lower Upper
43	100
58	24.8 22.7 34.1

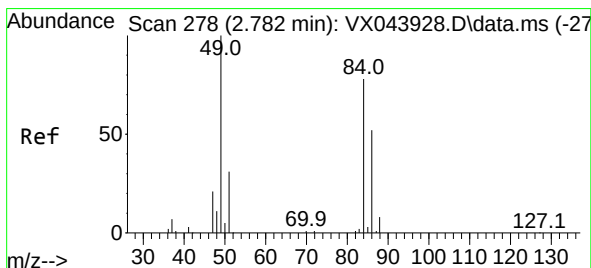
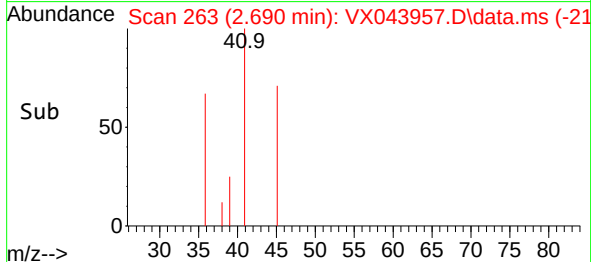
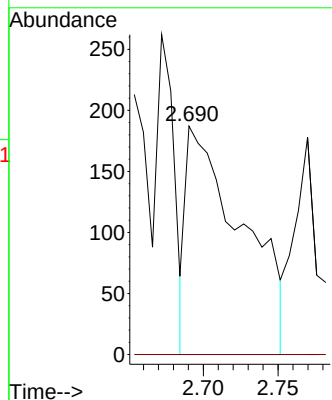
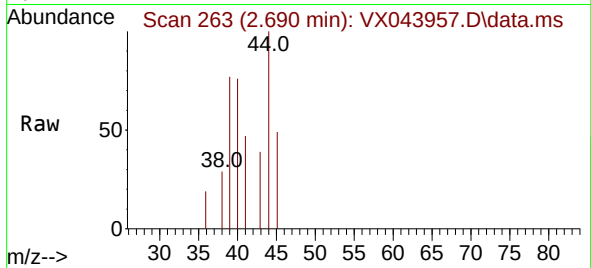




#18
Methyl Acetate
Concen: 0.238 ug/l
RT: 2.690 min Scan# 263
Delta R.T. -0.012 min
Lab File: VX043957.D
Acq: 22 Nov 2024 14:11

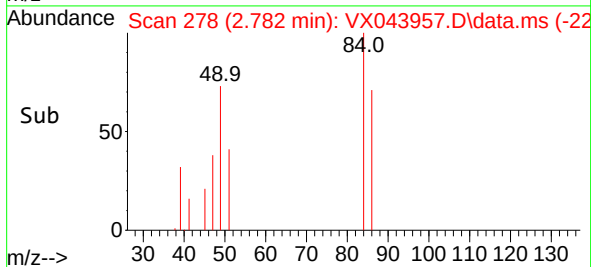
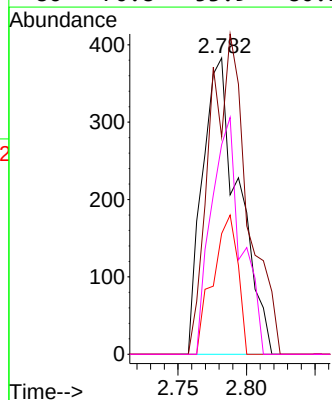
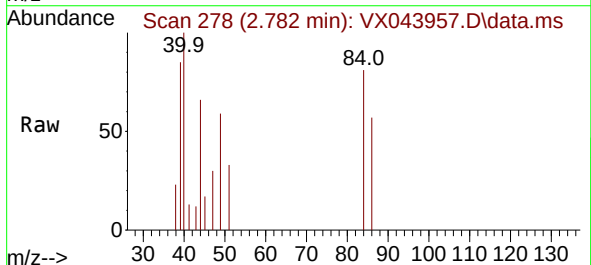
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-3-20241113

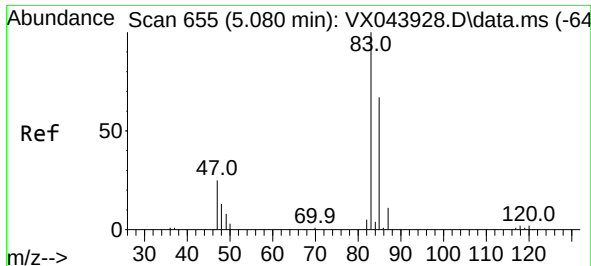
Tgt Ion: 43 Resp: 487
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#



#20
Methylene Chloride
Concen: 0.475 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX043957.D
Acq: 22 Nov 2024 14:11

Tgt Ion: 84 Resp: 709
Ion Ratio Lower Upper
84 100
49 73.4 102.7 154.1#
51 40.7 31.7 47.5
86 70.8 53.9 80.9

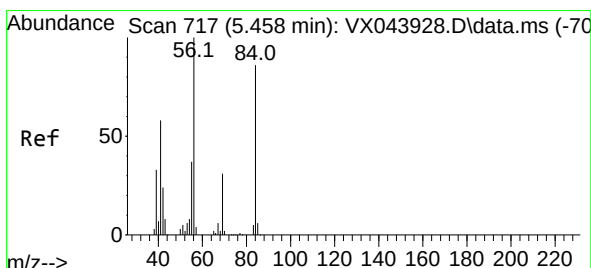
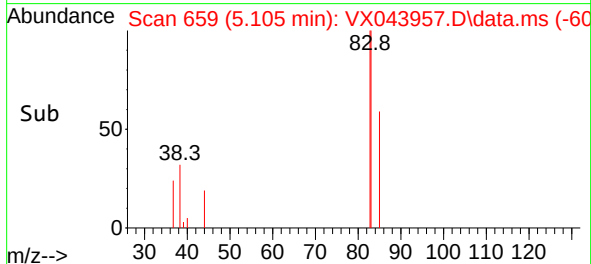
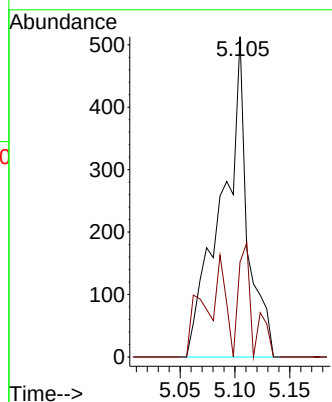
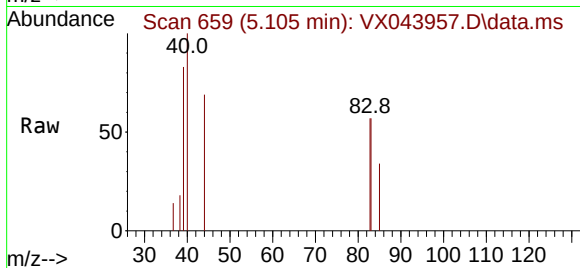




#30
Chloroform
Concen: 0.300 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.024 min
Lab File: VX043957.D
Acq: 22 Nov 2024 14:11

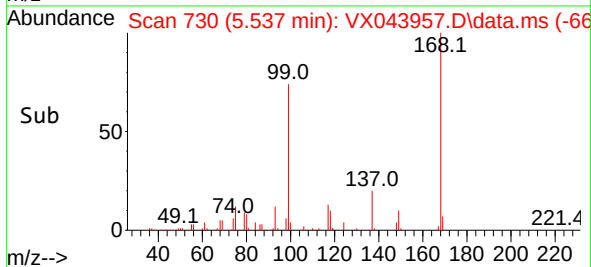
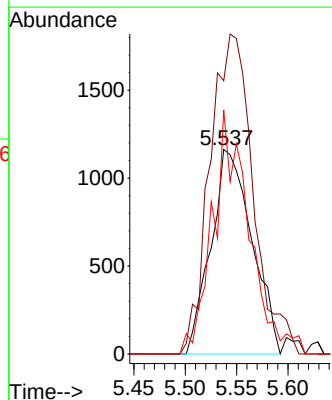
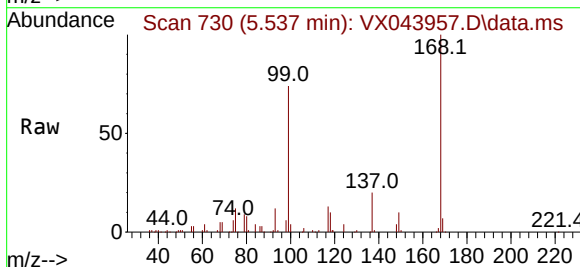
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ClientSampleId :
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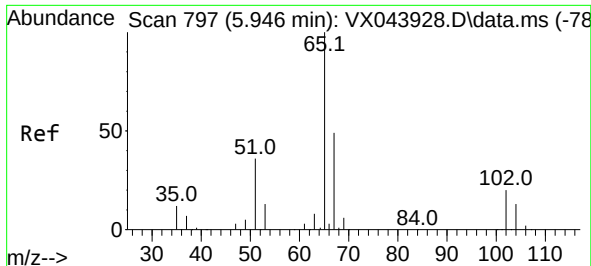
Tgt Ion: 83 Resp: 837
Ion Ratio Lower Upper
83 100
85 29.6 53.5 80.3#



#31
Cyclohexane
Concen: 1.511 ug/l
RT: 5.537 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX043957.D
Acq: 22 Nov 2024 14:11

Tgt Ion: 56 Resp: 3225
Ion Ratio Lower Upper
56 100
69 133.5 24.7 37.1#
84 119.3 68.7 103.1#

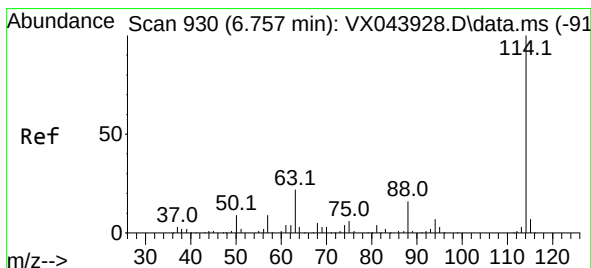
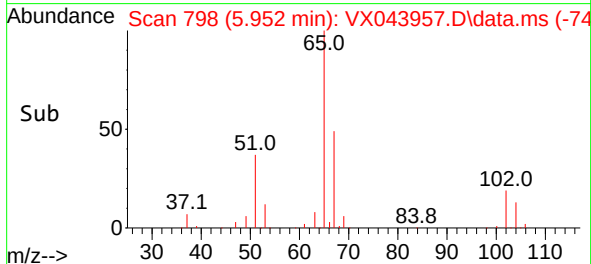
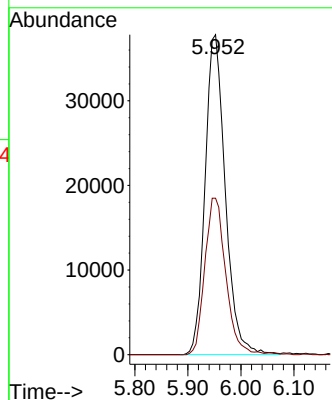
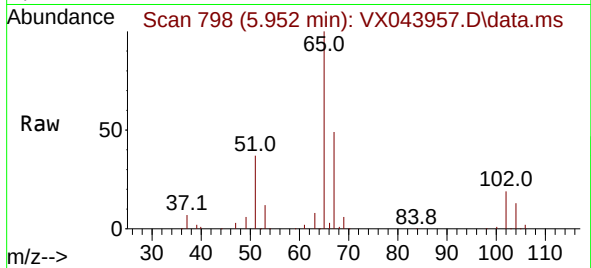




#33
 1,2-Dichloroethane-d4
 Concen: 52.312 ug/l
 RT: 5.952 min Scan# 79
 Delta R.T. 0.006 min
 Lab File: VX043957.D
 Acq: 22 Nov 2024 14:11

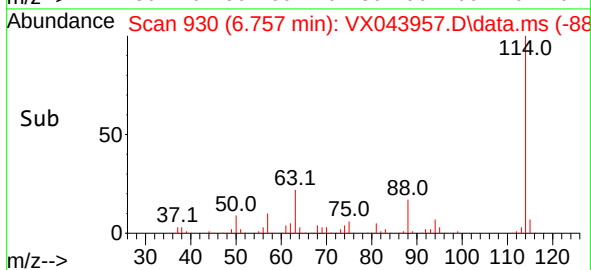
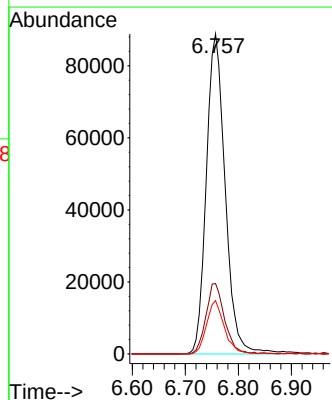
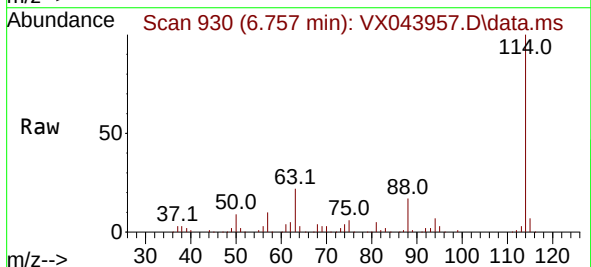
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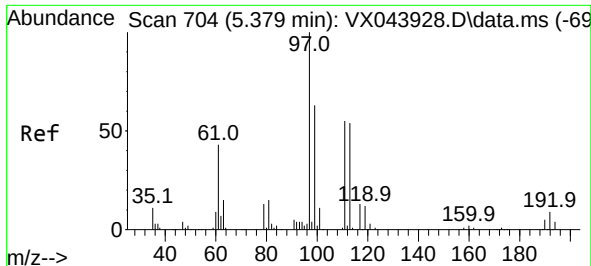
Tgt Ion: 65 Resp: 100149
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX043957.D
 Acq: 22 Nov 2024 14:11

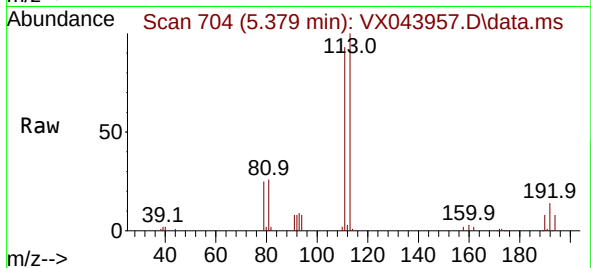
Tgt Ion: 114 Resp: 218890
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.0
 88 16.7 0.0 32.4



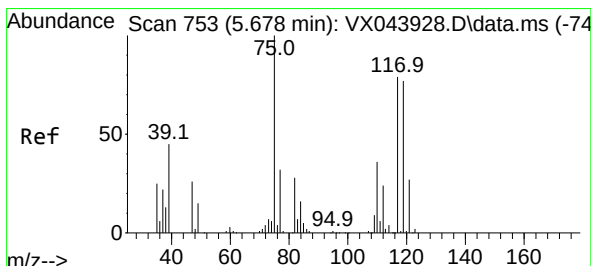
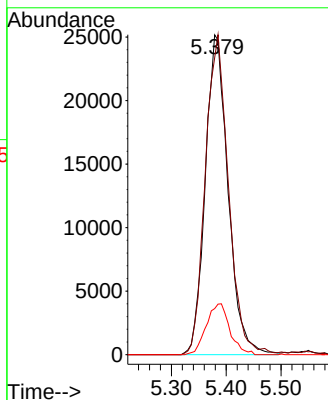
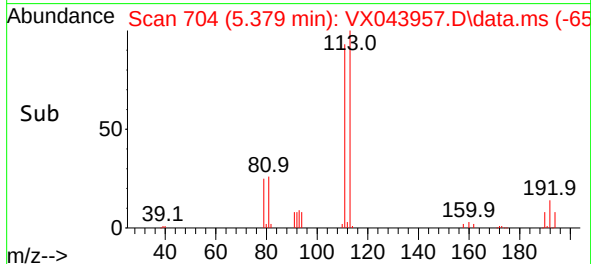


#35
Dibromofluoromethane
Concen: 46.548 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX043957.D
Acq: 22 Nov 2024 14:11

Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-3-20241113

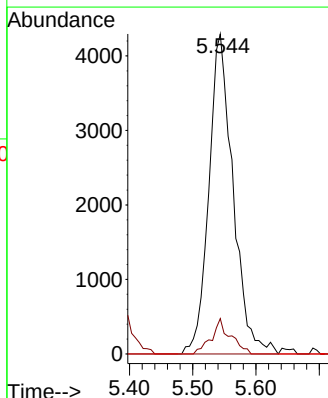
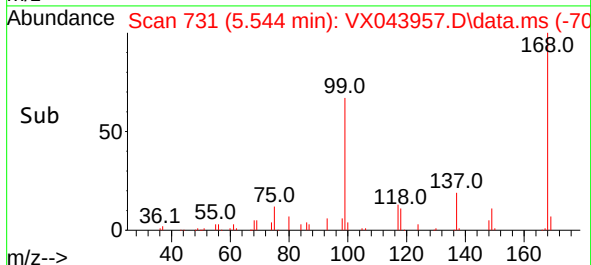
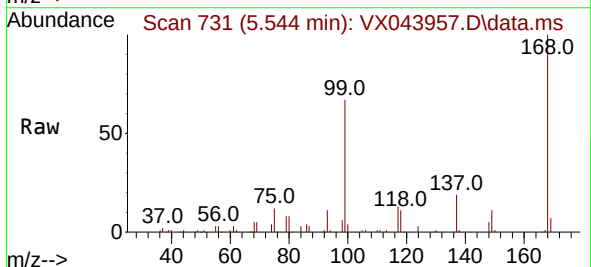


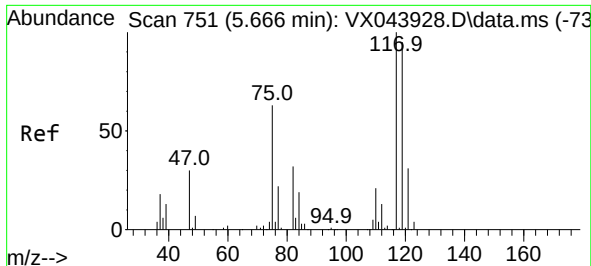
Tgt Ion:113 Resp: 72805
Ion Ratio Lower Upper
113 100
111 101.4 81.0 121.4
192 16.3 13.0 19.6



#36
1,1-Dichloropropene
Concen: 5.843 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX043957.D
Acq: 22 Nov 2024 14:11

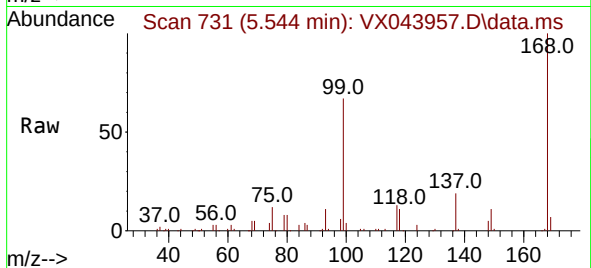
Tgt Ion: 75 Resp: 11389
Ion Ratio Lower Upper
75 100
110 8.7 17.4 52.2#
77 0.0 25.8 38.8#



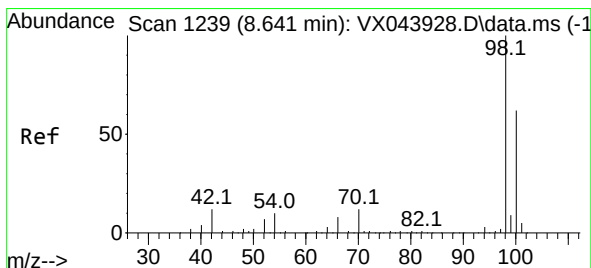
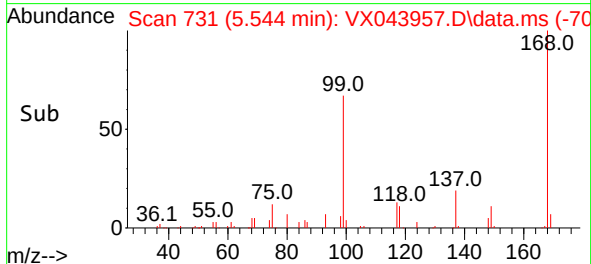
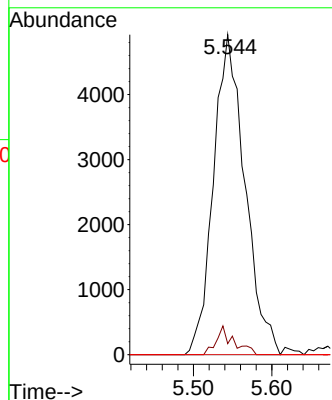


#38
Carbon Tetrachloride
Concen: 6.276 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX043957.D
Acq: 22 Nov 2024 14:11

Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-3-20241113

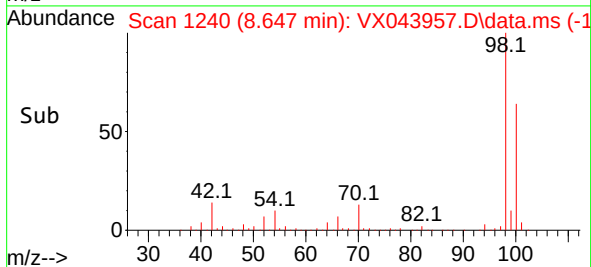
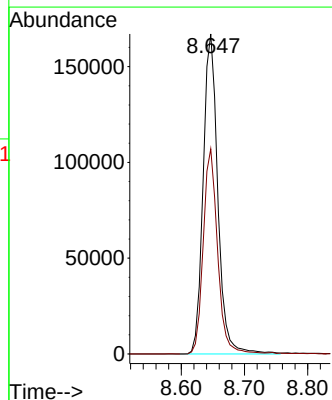
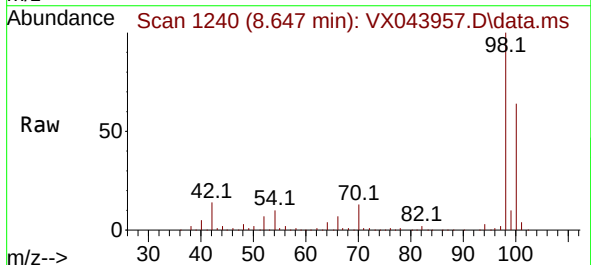


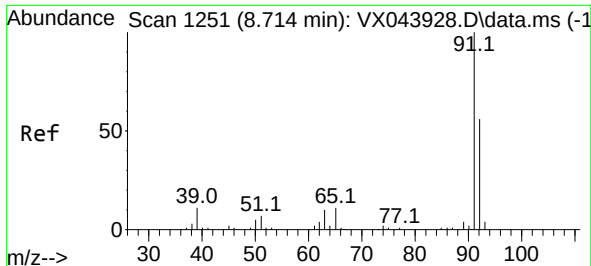
Tgt Ion:117 Resp: 13744
Ion Ratio Lower Upper
117 100
119 3.4 75.2 112.8#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 50.095 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX043957.D
Acq: 22 Nov 2024 14:11

Tgt Ion: 98 Resp: 270088
Ion Ratio Lower Upper
98 100
100 62.6 52.6 79.0





#52

Toluene

Concen: 0.402 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX043957.D

Acq: 22 Nov 2024 14:11

Instrument :

MSVOA_X

ClientSampleId :

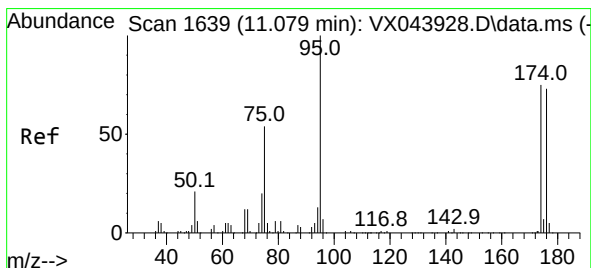
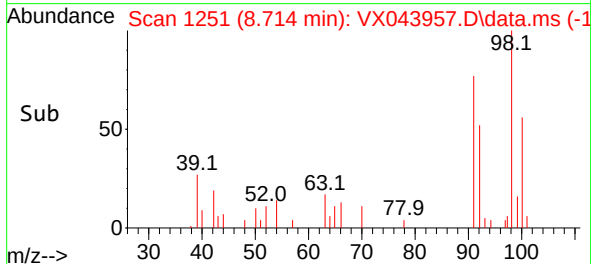
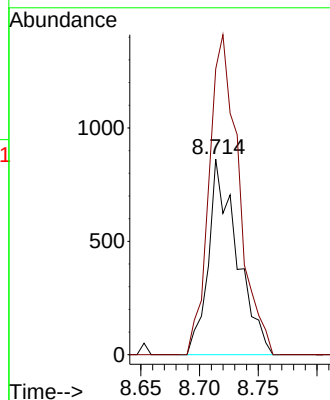
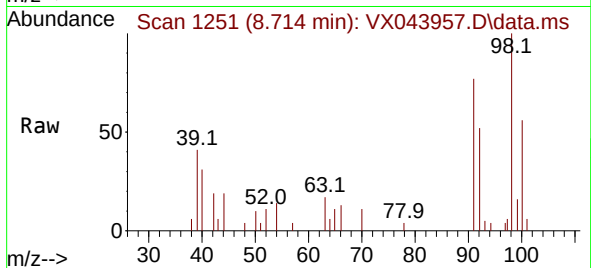
FSND-RB-3-20241113

Tgt Ion: 92 Resp: 1460

Ion Ratio Lower Upper

92 100

91 170.2 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 47.056 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX043957.D

Acq: 22 Nov 2024 14:11

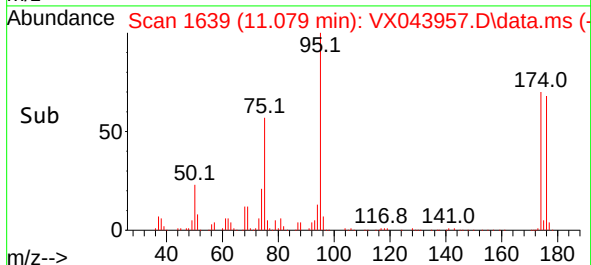
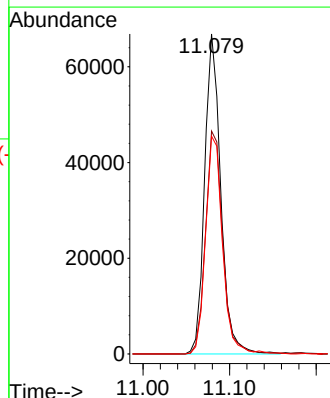
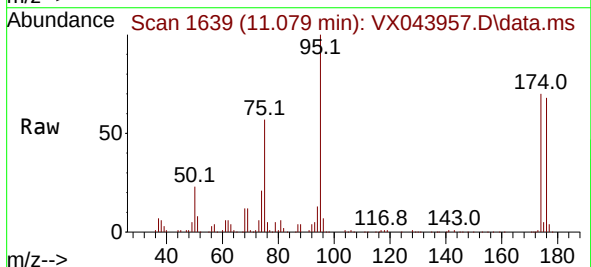
Tgt Ion: 95 Resp: 86343

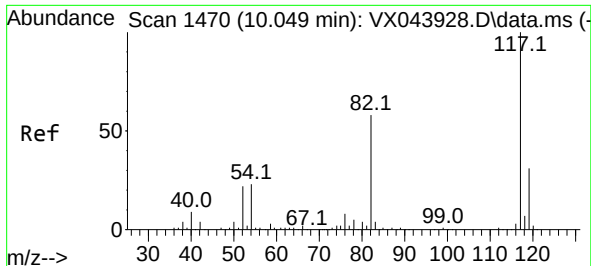
Ion Ratio Lower Upper

95 100

174 75.0 0.0 150.4

176 71.9 0.0 146.0

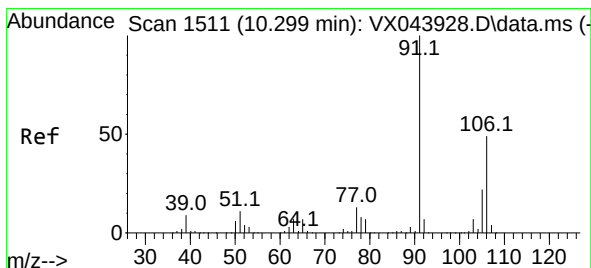
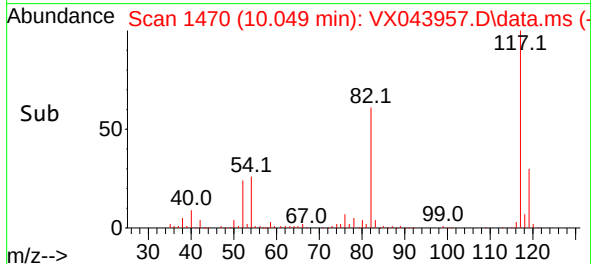
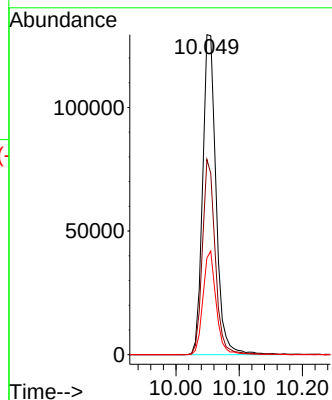
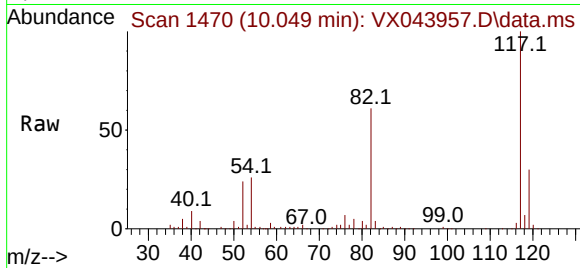




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX043957.D
Acq: 22 Nov 2024 14:11

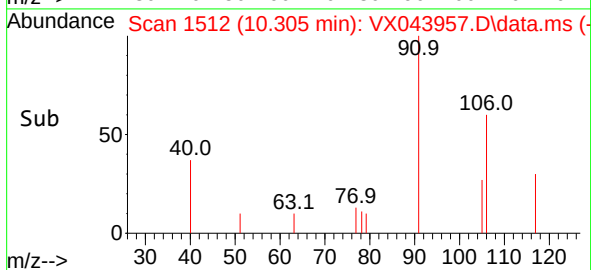
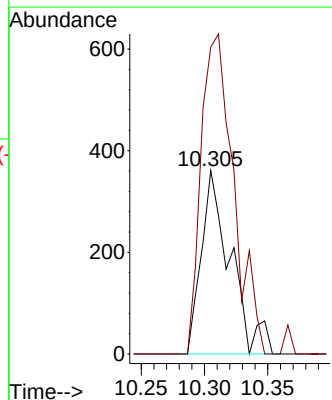
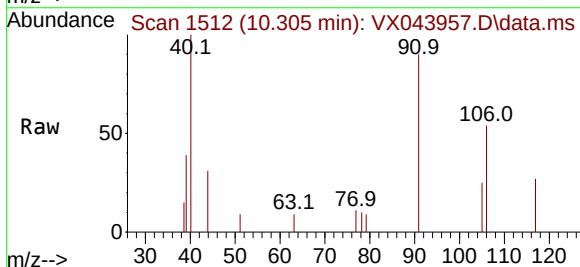
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-3-20241113

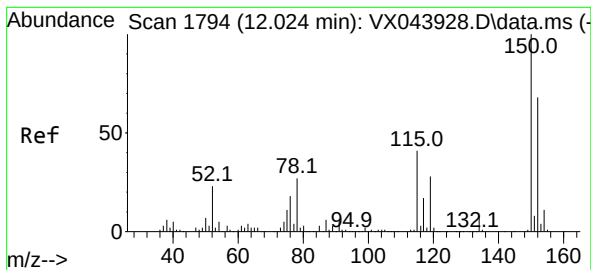
Tgt Ion:117 Resp: 191816
Ion Ratio Lower Upper
117 100
82 61.0 46.4 69.6
119 30.2 24.6 37.0



#68
m/p-Xylenes
Concen: 0.217 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX043957.D
Acq: 22 Nov 2024 14:11

Tgt Ion:106 Resp: 579
Ion Ratio Lower Upper
106 100
91 195.0 168.1 252.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX043957.D

Acq: 22 Nov 2024 14:11

Instrument :

MSVOA_X

ClientSampleId :

FSND-RB-3-20241113

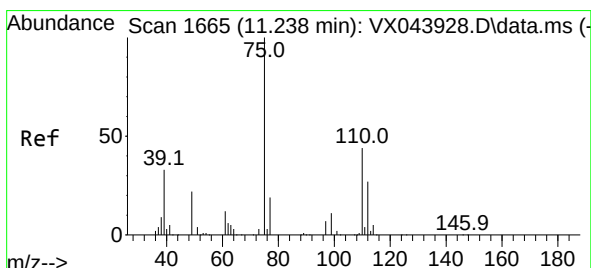
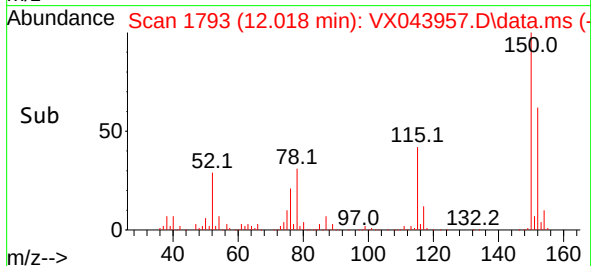
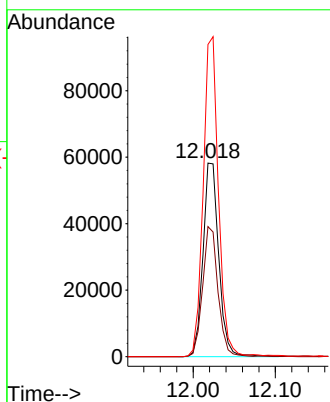
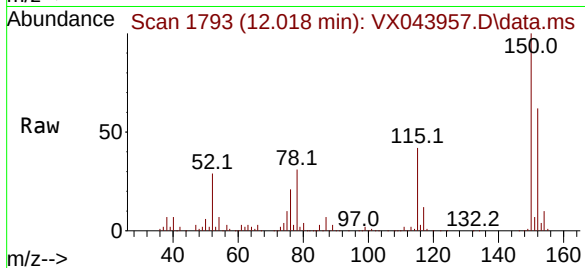
Tgt Ion:152 Resp: 77638

Ion Ratio Lower Upper

152 100

115 65.4 45.4 136.2

150 158.9 0.0 353.0



#76

1,2,3-Trichloropropane

Concen: 29.825 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043957.D

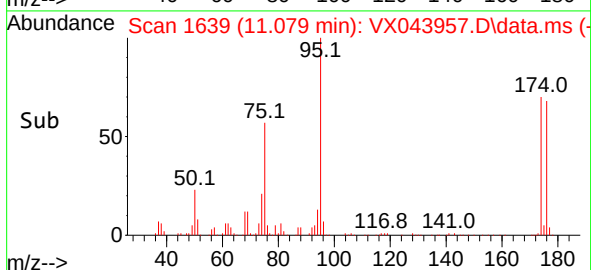
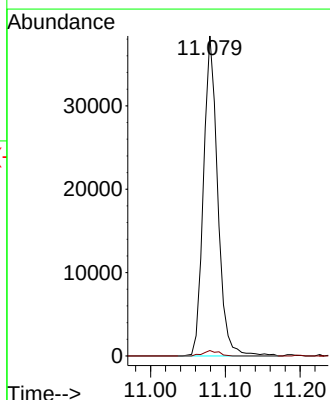
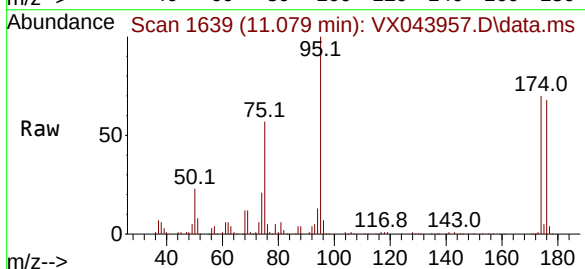
Acq: 22 Nov 2024 14:11

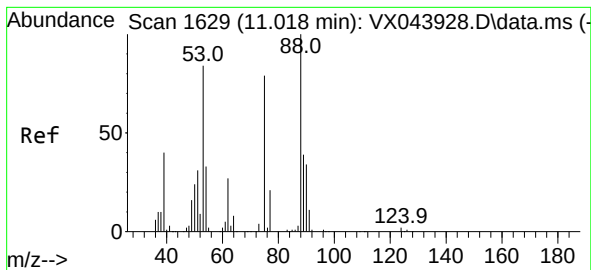
Tgt Ion: 75 Resp: 50780

Ion Ratio Lower Upper

75 100

77 1.9 21.8 65.3#





#81

trans-1,4-Dichloro-2-butene

Concen: 81.386 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX043957.D

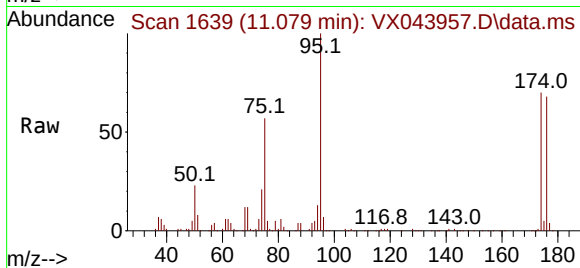
Acq: 22 Nov 2024 14:11

Instrument :

MSVOA_X

ClientSampleId :

FSND-RB-3-20241113



Tgt Ion: 75 Resp: 50780

Ion Ratio Lower Upper

75 100

53 0.0 86.7 130.1#

89 0.0 38.2 57.2#

