

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112224\
 Data File : VX043971.D
 Acq On : 22 Nov 2024 19:33
 Operator : JC/MD
 Sample : P4873-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-RB-4-20241114

Quant Time: Nov 22 22:29:37 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)

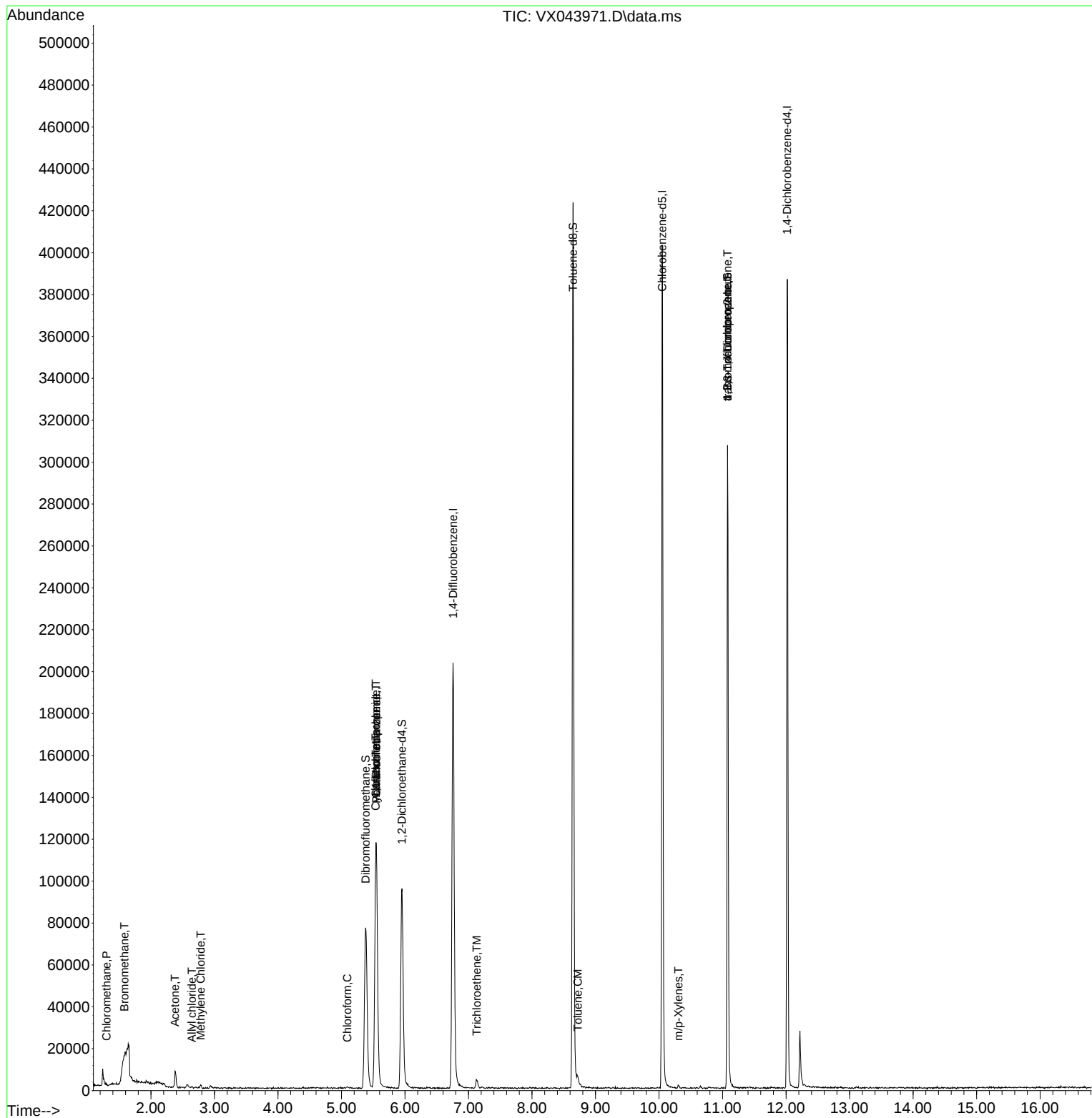
Internal Standards						
1) Pentafluorobenzene	5.550	168	105197	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	204646	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	177710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94351	52.292	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.580%
35) Dibromofluoromethane	5.379	113	67160	45.928	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.860%
50) Toluene-d8	8.647	98	252075	50.008	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.020%
62) 4-Bromofluorobenzene	11.079	95	83106	48.445	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.880%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	299	0.213	ug/l #	82
5) Bromomethane	1.581	94	309	0.337	ug/l #	3
14) Allyl chloride	2.642	41	474	0.239	ug/l #	57
16) Acetone	2.380	43	8243	9.947	ug/l #	88
20) Methylene Chloride	2.782	84	587	0.417	ug/l #	77
30) Chloroform	5.093	83	665	0.253	ug/l	84
31) Cyclohexane	5.538	56	3151	1.567	ug/l #	53
36) 1,1-Dichloropropene	5.544	75	10282	5.643	ug/l #	47
38) Carbon Tetrachloride	5.544	117	12676	6.191	ug/l #	13
44) Trichloroethene	7.129	130	1494	0.930	ug/l	94
52) Toluene	8.720	92	1367	0.402	ug/l	91
68) m/p-Xylenes	10.305	106	511	0.207	ug/l	83
76) 1,2,3-Trichloropropane	11.079	75	46784	28.904	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	46784	78.872	ug/l #	6

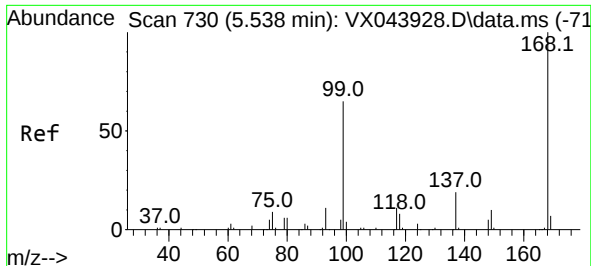
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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FSND-RB-4-20241114

Quant Time: Nov 22 22:29:37 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

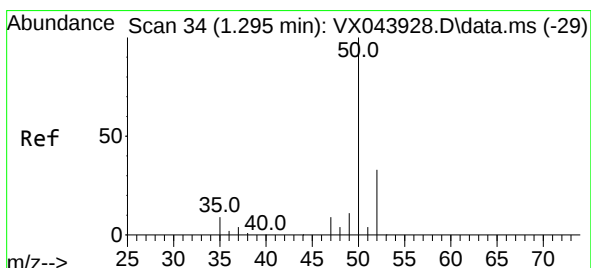
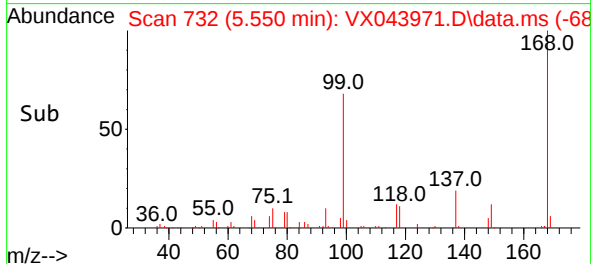
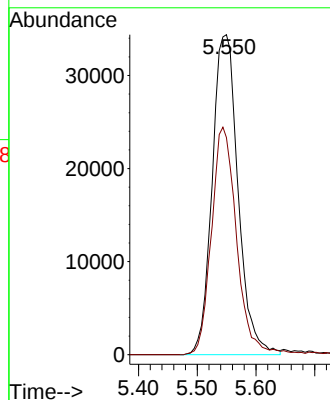
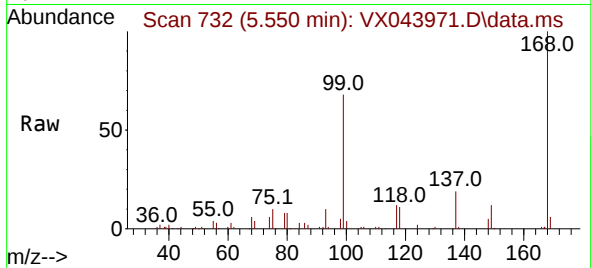




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX043971.D
Acq: 22 Nov 2024 19:33

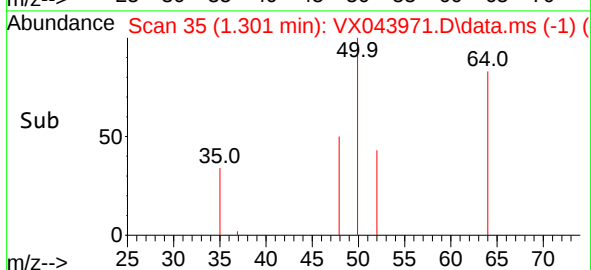
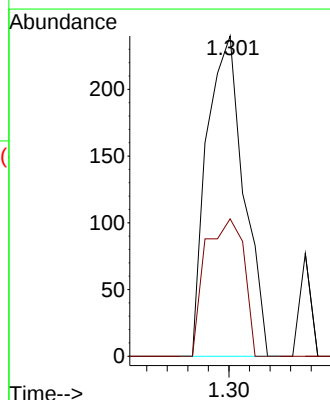
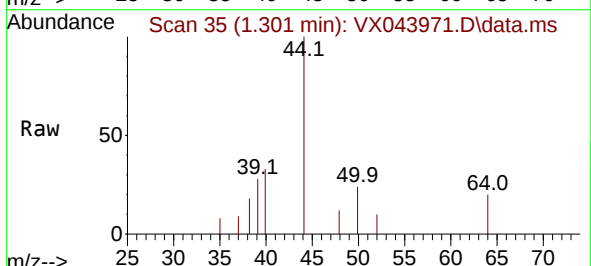
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-4-20241114

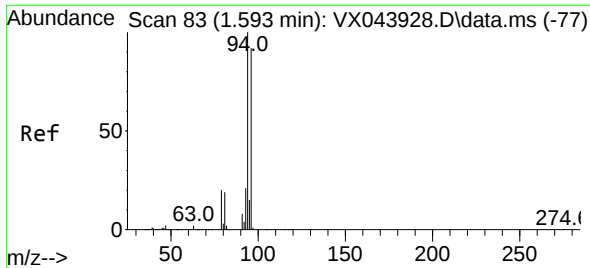
Tgt Ion:168 Resp: 105197
Ion Ratio Lower Upper
168 100
99 67.9 51.8 77.8



#3
Chloromethane
Concen: 0.213 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX043971.D
Acq: 22 Nov 2024 19:33

Tgt Ion: 50 Resp: 299
Ion Ratio Lower Upper
50 100
52 42.9 26.1 39.1#





#5

Bromomethane

Concen: 0.337 ug/l

RT: 1.581 min Scan# 81

Delta R.T. -0.012 min

Lab File: VX043971.D

Acq: 22 Nov 2024 19:33

Instrument :

MSVOA_X

ClientSampleId :

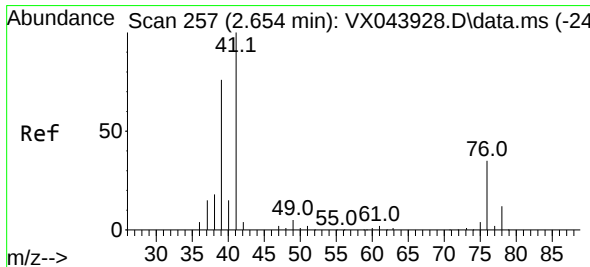
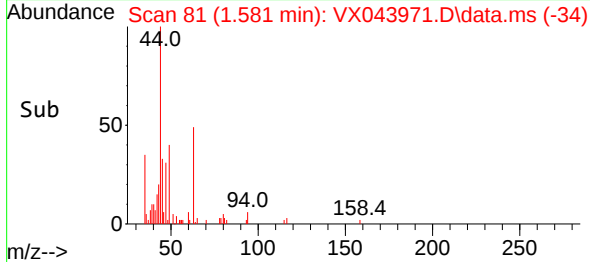
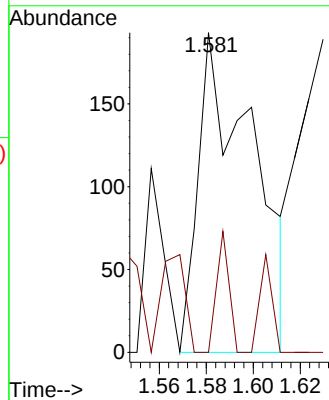
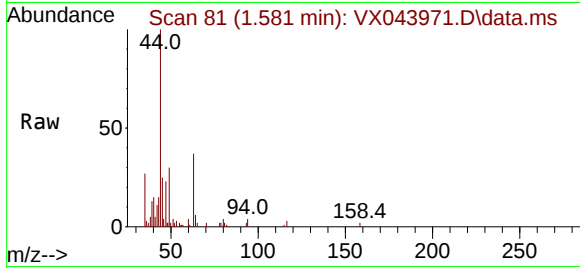
FSND-RB-4-20241114

Tgt Ion: 94 Resp: 309

Ion Ratio Lower Upper

94 100

96 0.0 73.9 110.9#



#14

Allyl chloride

Concen: 0.239 ug/l

RT: 2.642 min Scan# 255

Delta R.T. -0.012 min

Lab File: VX043971.D

Acq: 22 Nov 2024 19:33

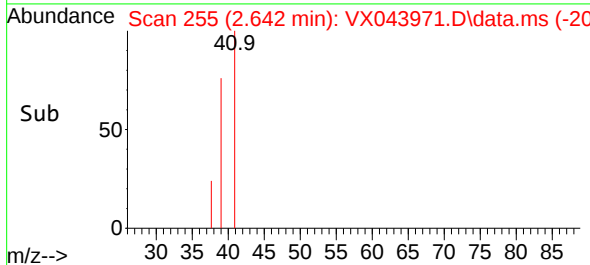
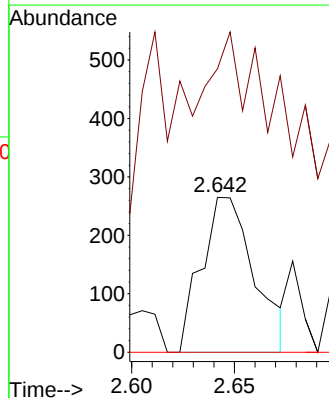
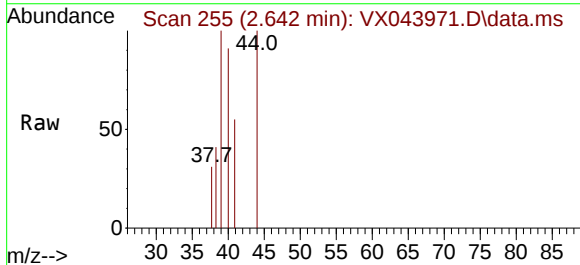
Tgt Ion: 41 Resp: 474

Ion Ratio Lower Upper

41 100

39 104.6 59.5 89.3#

76 0.0 27.4 41.2#





#16

Acetone

Concen: 9.947 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX043971.D

Acq: 22 Nov 2024 19:33

Instrument :

MSVOA_X

ClientSampleId :

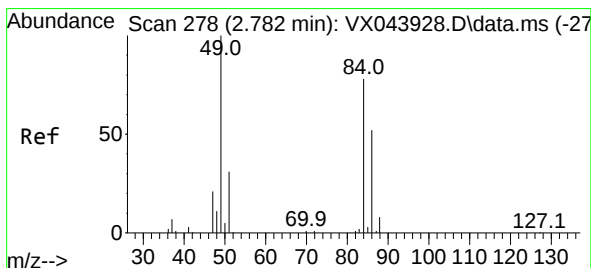
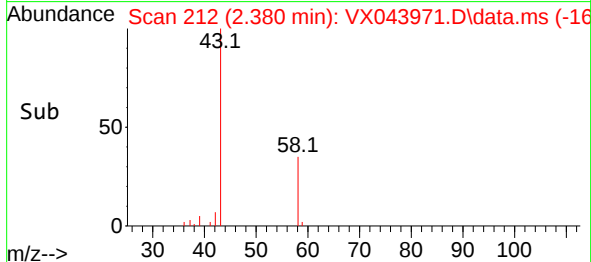
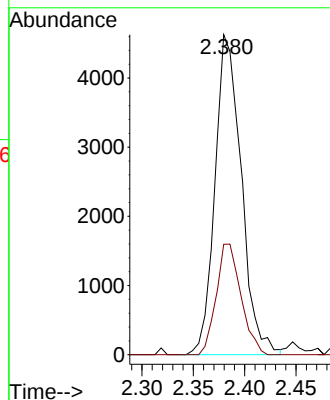
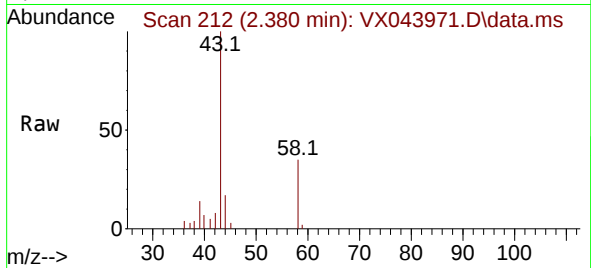
FSND-RB-4-20241114

Tgt Ion: 43 Resp: 8243

Ion Ratio Lower Upper

43 100

58 34.5 22.7 34.1#



#20

Methylene Chloride

Concen: 0.417 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX043971.D

Acq: 22 Nov 2024 19:33

Tgt Ion: 84 Resp: 587

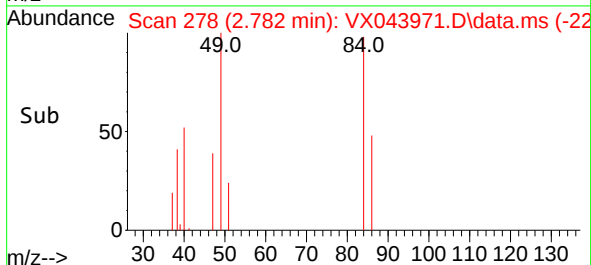
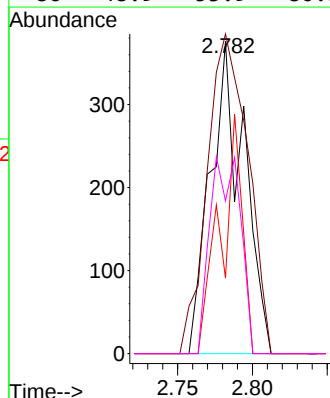
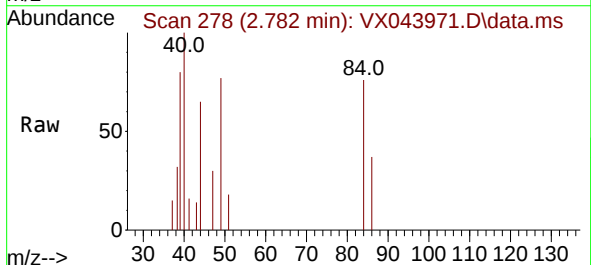
Ion Ratio Lower Upper

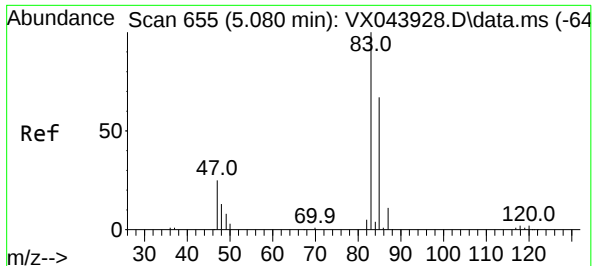
84 100

49 102.4 102.7 154.1#

51 24.2 31.7 47.5#

86 48.9 53.9 80.9#

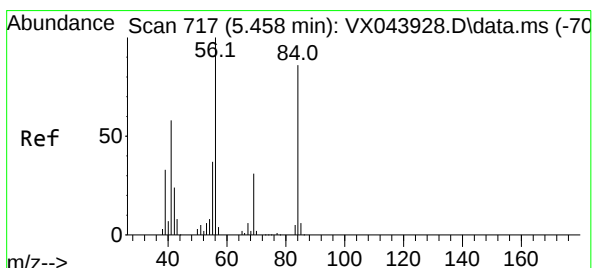
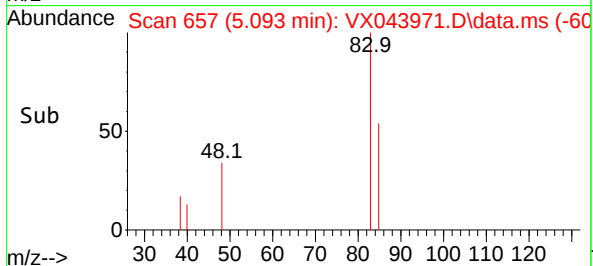
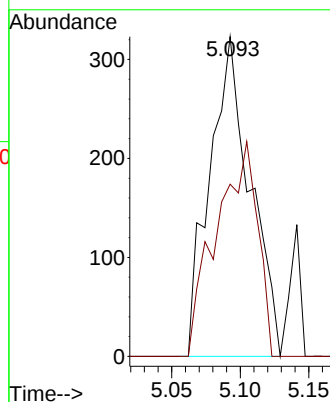
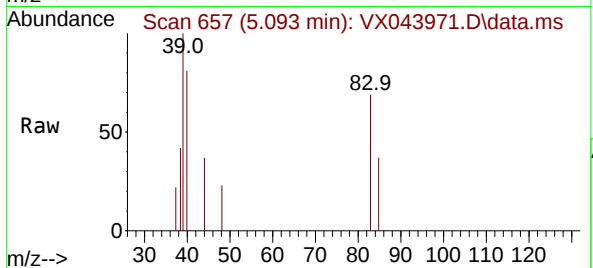




#30
Chloroform
Concen: 0.253 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX043971.D
Acq: 22 Nov 2024 19:33

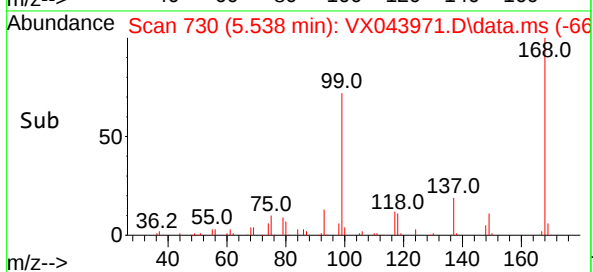
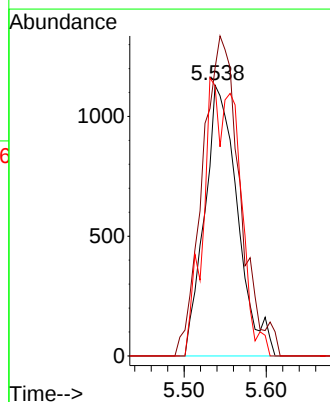
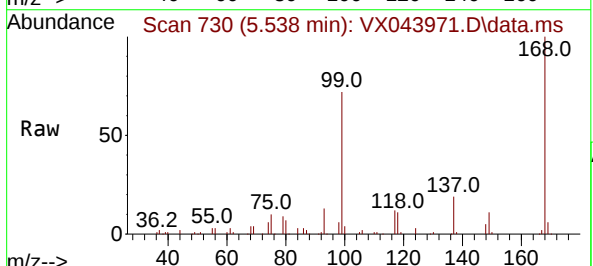
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-4-20241114

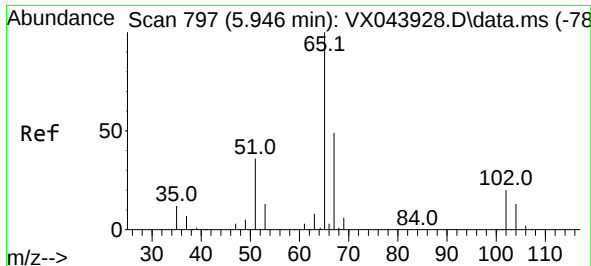
Tgt Ion: 83 Resp: 665
Ion Ratio Lower Upper
83 100
85 53.9 53.5 80.3



#31
Cyclohexane
Concen: 1.567 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX043971.D
Acq: 22 Nov 2024 19:33

Tgt Ion: 56 Resp: 3151
Ion Ratio Lower Upper
56 100
69 106.4 24.7 37.1#
84 99.7 68.7 103.1





#33

1,2-Dichloroethane-d4

Concen: 52.292 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX043971.D

Acq: 22 Nov 2024 19:33

Instrument :

MSVOA_X

ClientSampleId :

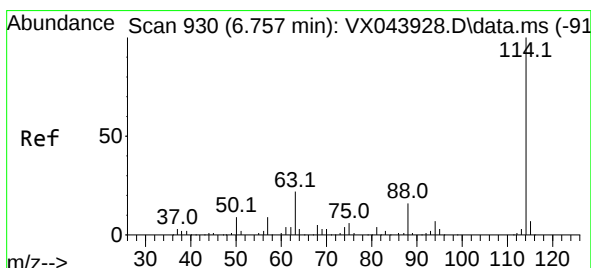
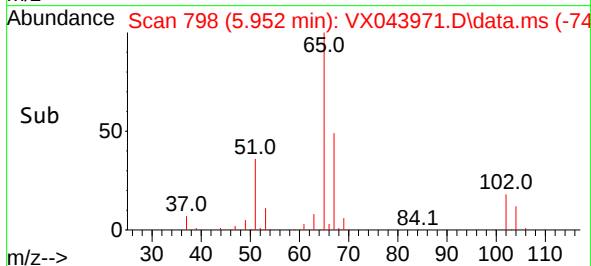
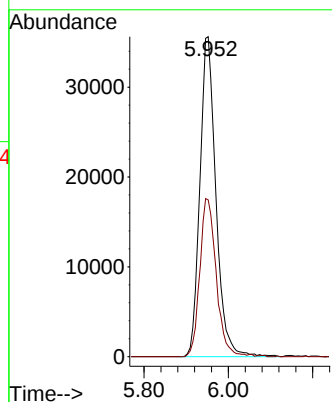
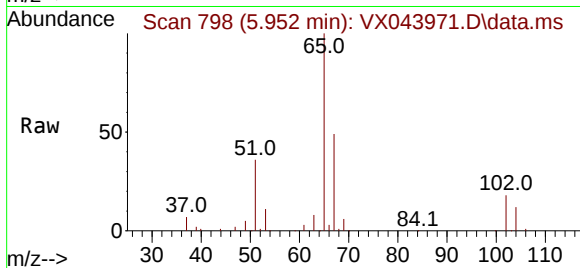
FSND-RB-4-20241114

Tgt Ion: 65 Resp: 94351

Ion Ratio Lower Upper

65 100

67 50.5 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: VX043971.D

Acq: 22 Nov 2024 19:33

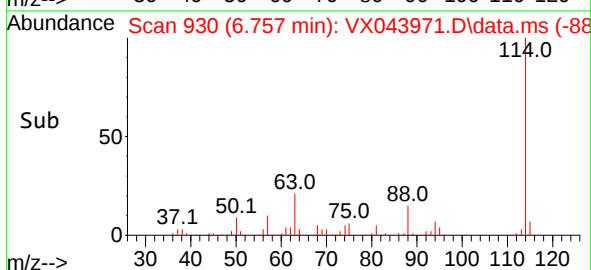
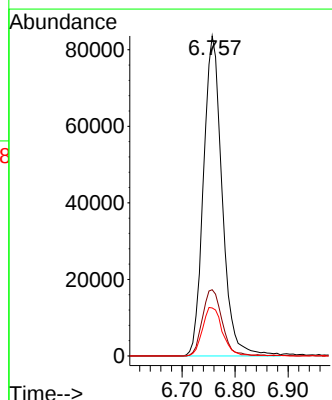
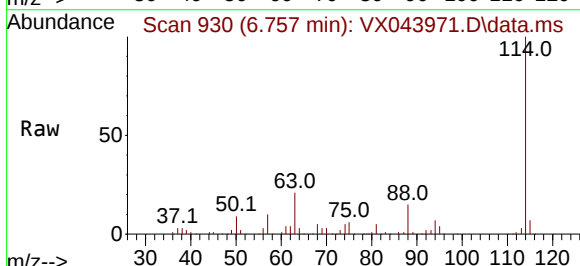
Tgt Ion: 114 Resp: 204646

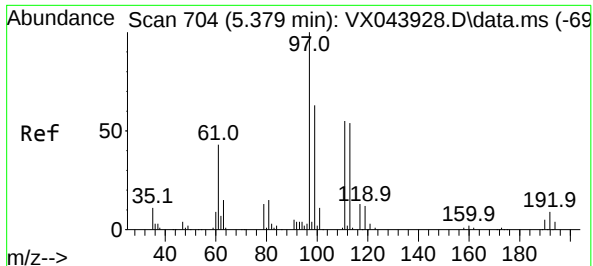
Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.0

88 15.0 0.0 32.4

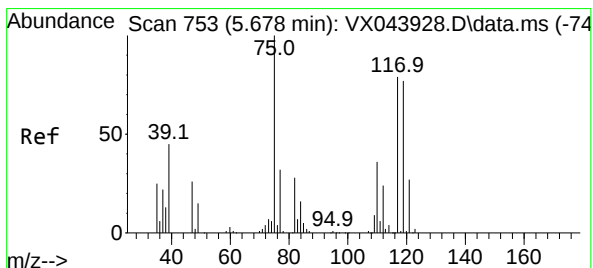
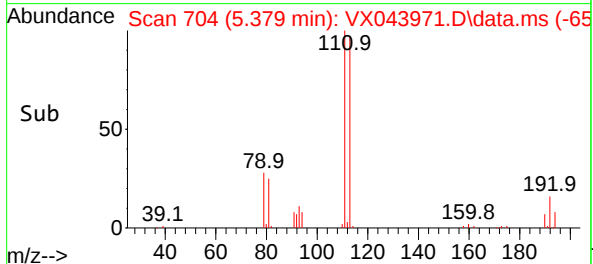
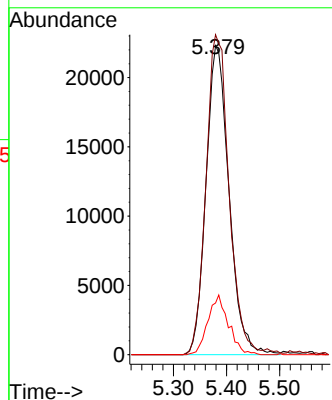
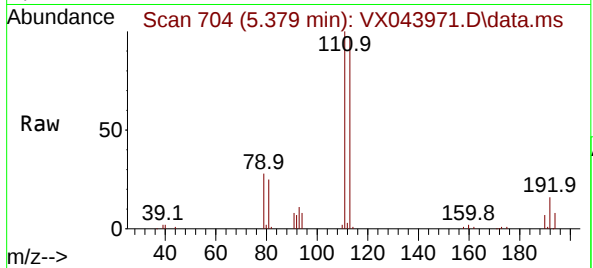




#35
Dibromofluoromethane
Concen: 45.928 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX043971.D
Acq: 22 Nov 2024 19:33

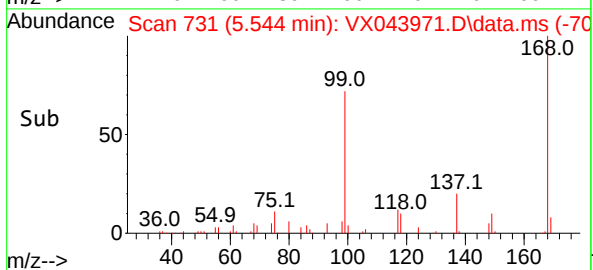
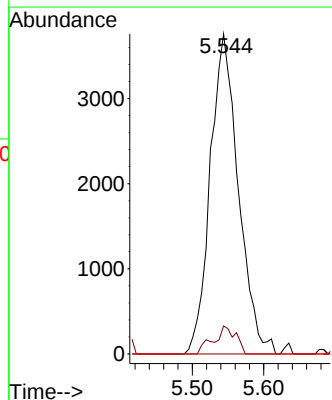
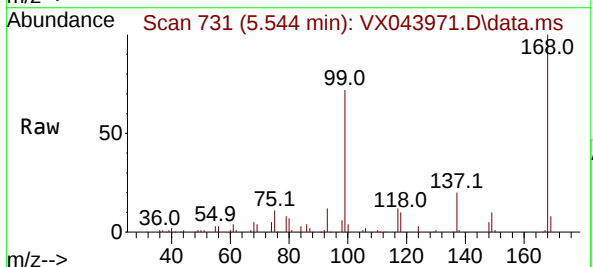
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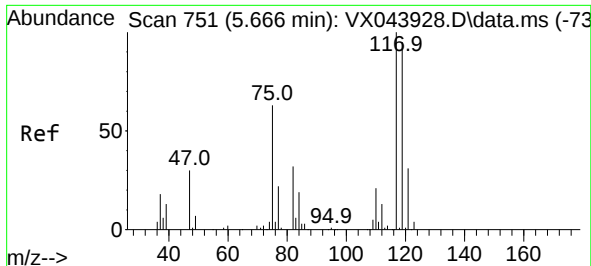
Tgt Ion:113 Resp: 67160
Ion Ratio Lower Upper
113 100
111 103.4 81.0 121.4
192 17.3 13.0 19.6



#36
1,1-Dichloropropene
Concen: 5.643 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX043971.D
Acq: 22 Nov 2024 19:33

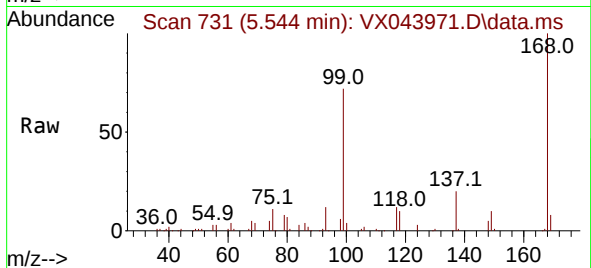
Tgt Ion: 75 Resp: 10282
Ion Ratio Lower Upper
75 100
110 6.8 17.4 52.2#
77 0.0 25.8 38.8#



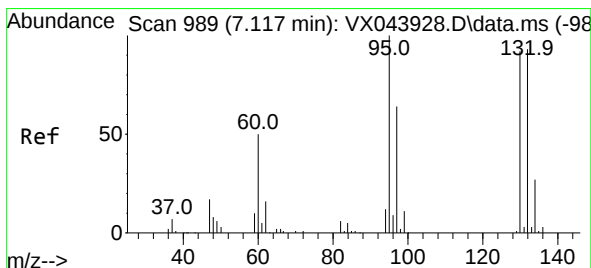
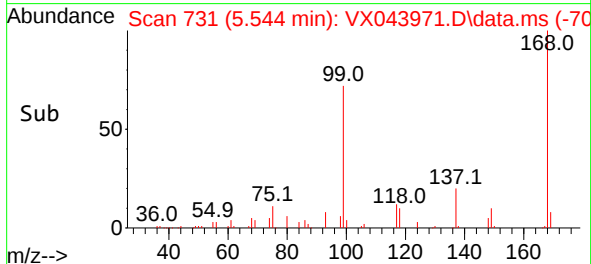
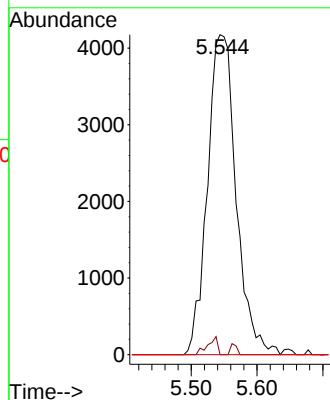


#38
Carbon Tetrachloride
Concen: 6.191 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX043971.D
Acq: 22 Nov 2024 19:33

Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-4-20241114

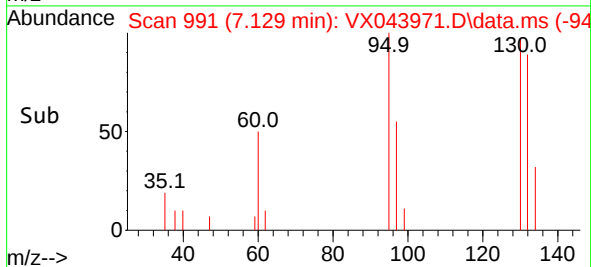
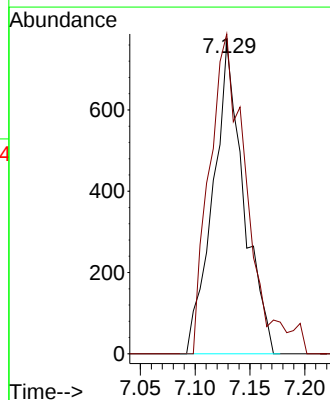
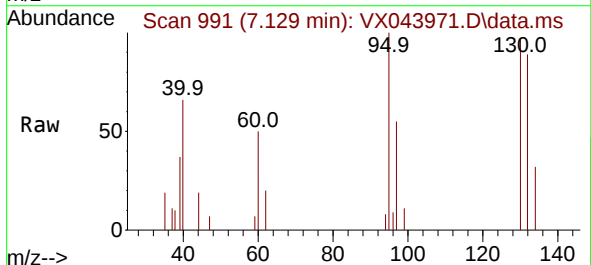


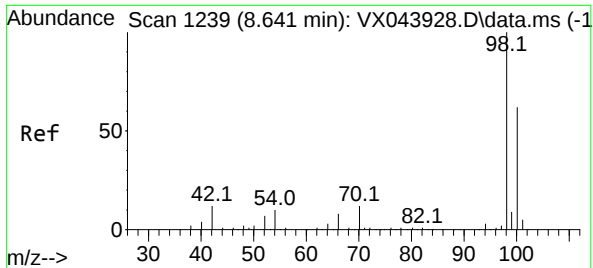
Tgt Ion:117 Resp: 12676
Ion Ratio Lower Upper
117 100
119 0.0 75.2 112.8#
121 0.0 24.5 36.7#



#44
Trichloroethene
Concen: 0.930 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX043971.D
Acq: 22 Nov 2024 19:33

Tgt Ion:130 Resp: 1494
Ion Ratio Lower Upper
130 100
95 102.9 0.0 217.8

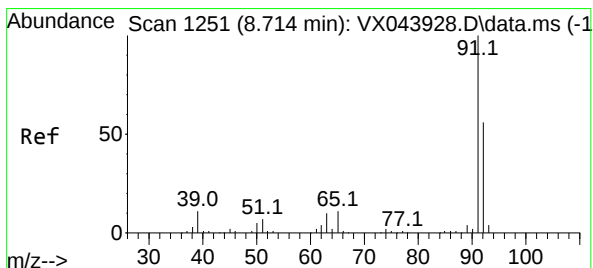
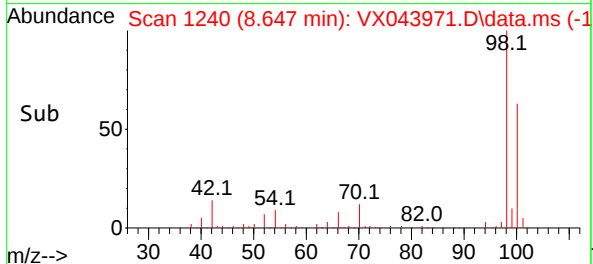
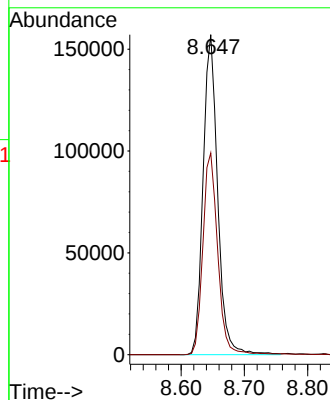
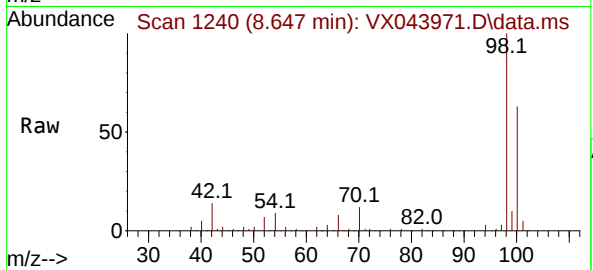




#50
Toluene-d8
Concen: 50.008 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043971.D
Acq: 22 Nov 2024 19:33

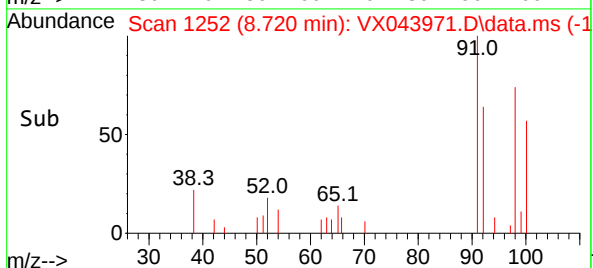
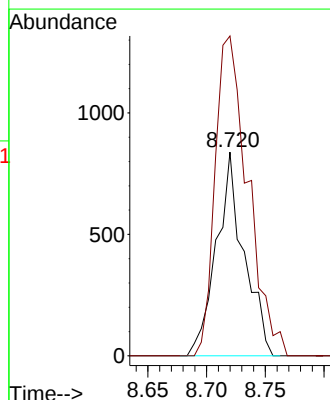
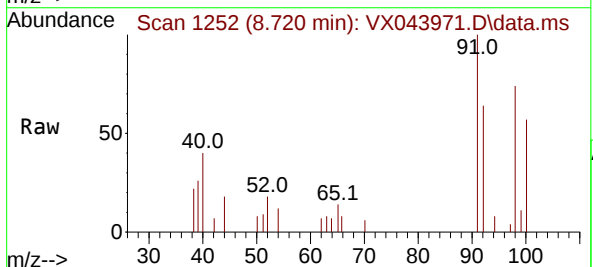
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-4-20241114

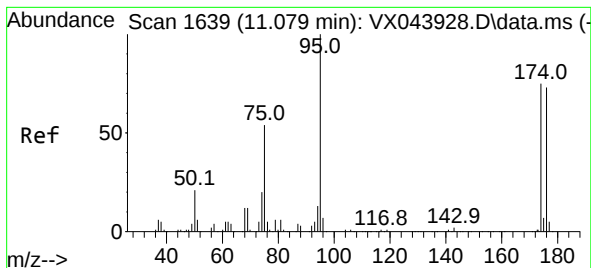
Tgt Ion: 98 Resp: 252075
Ion Ratio Lower Upper
98 100
100 64.0 52.6 79.0



#52
Toluene
Concen: 0.402 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX043971.D
Acq: 22 Nov 2024 19:33

Tgt Ion: 92 Resp: 1367
Ion Ratio Lower Upper
92 100
91 186.9 139.7 209.5

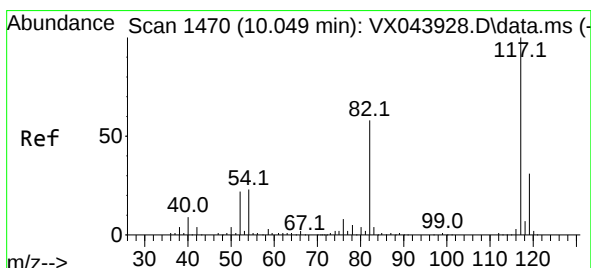
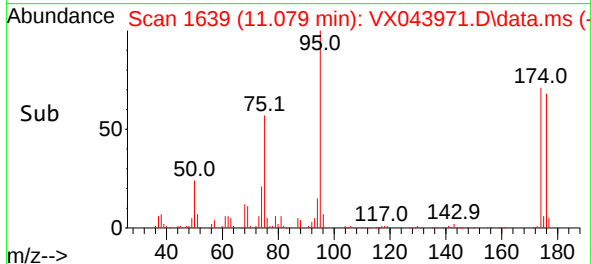
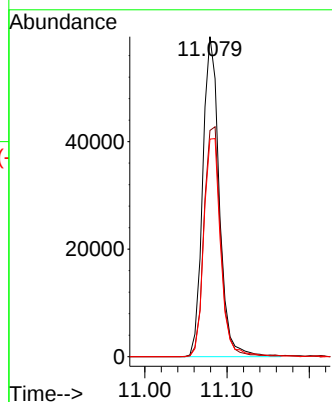
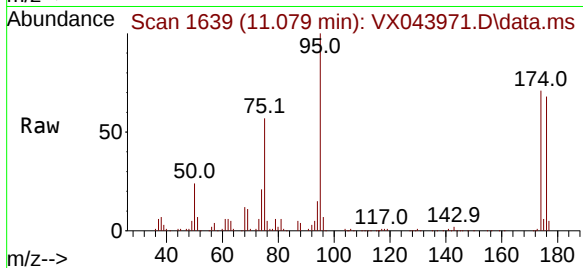




#62
4-Bromofluorobenzene
Concen: 48.445 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043971.D
Acq: 22 Nov 2024 19:33

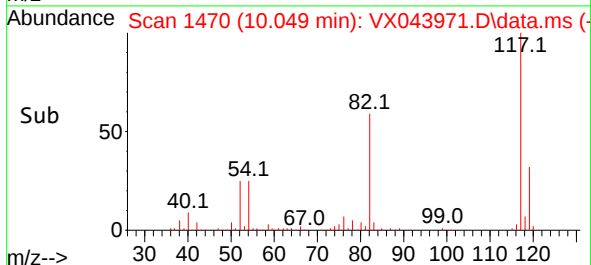
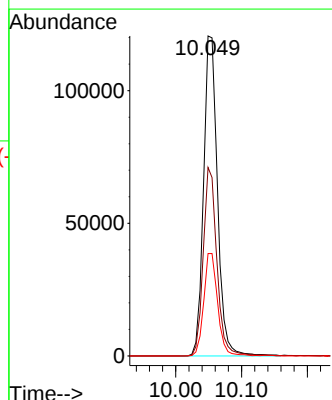
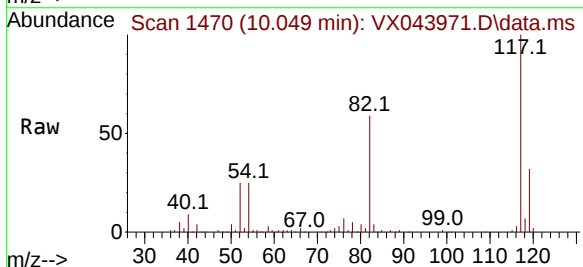
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-4-20241114

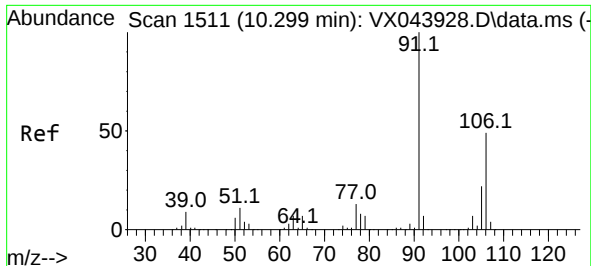
Tgt Ion: 95 Resp: 83106
Ion Ratio Lower Upper
95 100
174 73.5 0.0 150.4
176 69.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX043971.D
Acq: 22 Nov 2024 19:33

Tgt Ion: 117 Resp: 177710
Ion Ratio Lower Upper
117 100
82 58.9 46.4 69.6
119 32.0 24.6 37.0

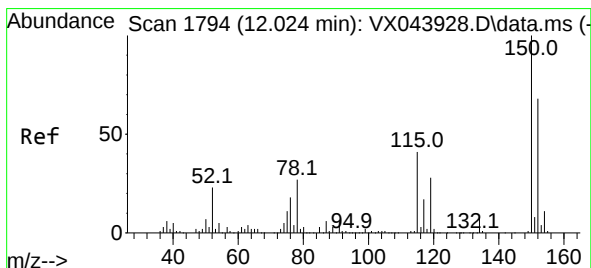
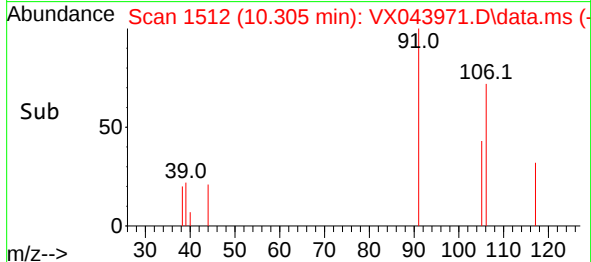
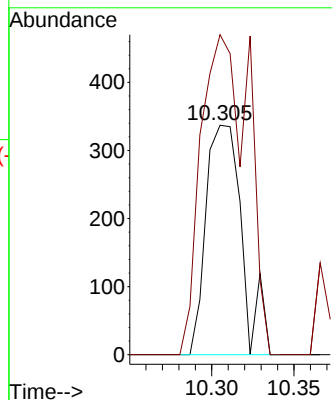
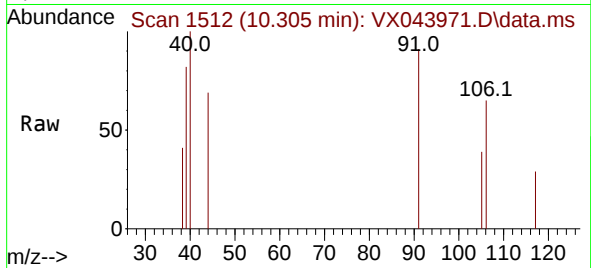




#68
m/p-Xylenes
Concen: 0.207 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043971.D
Acq: 22 Nov 2024 19:33

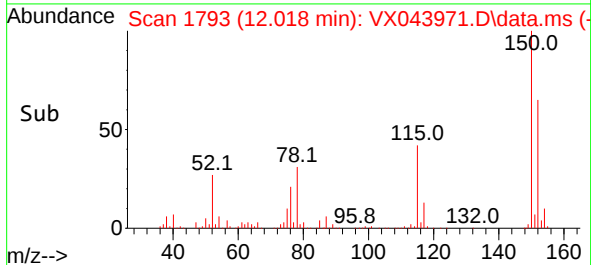
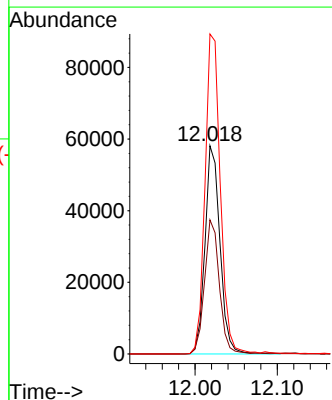
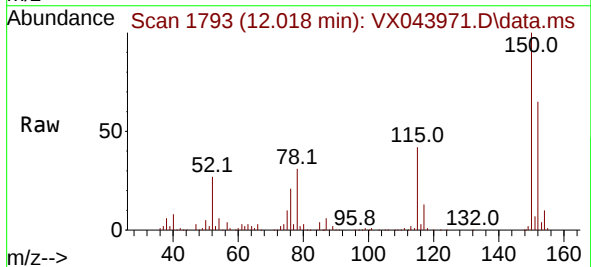
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-4-20241114

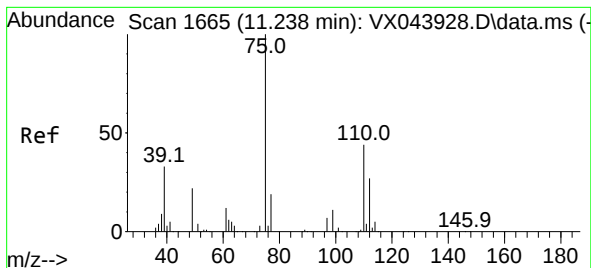
Tgt Ion:106 Resp: 511
Ion Ratio Lower Upper
106 100
91 184.1 168.1 252.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX043971.D
Acq: 22 Nov 2024 19:33

Tgt Ion:152 Resp: 73808
Ion Ratio Lower Upper
152 100
115 63.7 45.4 136.2
150 156.3 0.0 353.0





#76

1,2,3-Trichloropropane

Concen: 28.904 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043971.D

Acq: 22 Nov 2024 19:33

Instrument :

MSVOA_X

ClientSampleId :

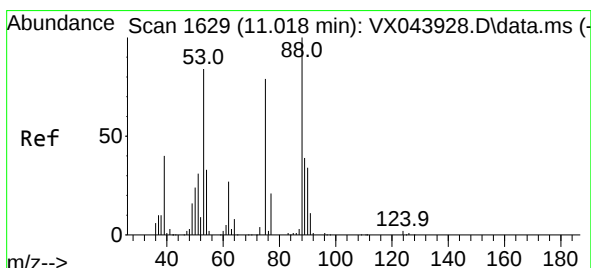
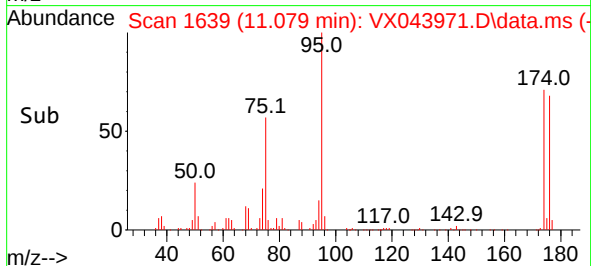
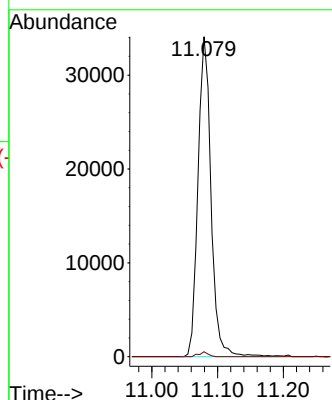
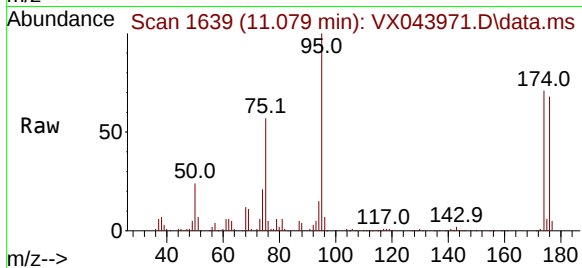
FSND-RB-4-20241114

Tgt Ion: 75 Resp: 46784

Ion Ratio Lower Upper

75 100

77 1.1 21.8 65.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.872 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043971.D

Acq: 22 Nov 2024 19:33

Tgt Ion: 75 Resp: 46784

Ion Ratio Lower Upper

75 100

53 0.0 86.7 130.1#

89 0.0 38.2 57.2#

