

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051923\
 Data File : VX035764.D
 Acq On : 19 May 2023 16:41
 Operator : JC/MD
 Sample : 02860-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-09-101-05162023

Quant Time: May 22 05:18:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

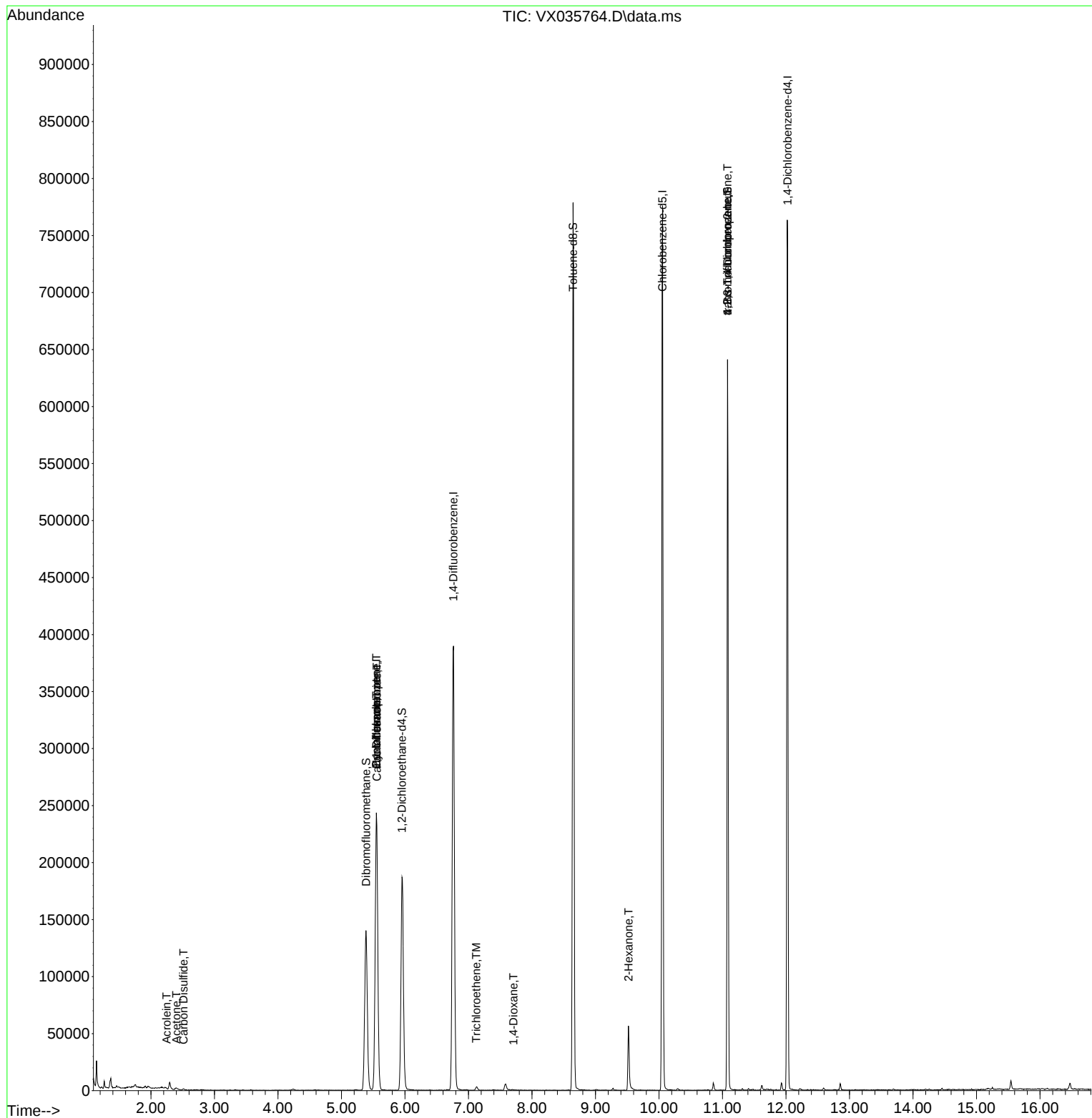
Internal Standards						
1) Pentafluorobenzene	5.550	168	203502	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	373865	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	326413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	186788	52.614	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.220%	
35) Dibromofluoromethane	5.385	113	121718	48.275	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.560%	
50) Toluene-d8	8.647	98	444225	47.692	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.380%	
62) 4-Bromofluorobenzene	11.079	95	169899	45.302	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.600%	
Target Compounds						
					Qvalue	
13) Acrolein	2.246	56	434	0.584	ug/l	93
16) Acetone	2.398	43	2426	1.590	ug/l	# 53
17) Carbon Disulfide	2.514	76	1472	0.269	ug/l	# 75
31) Cyclohexane	5.550	56	6078	1.355	ug/l	# 30
36) 1,1-Dichloropropene	5.550	75	19412	4.878	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	23928	6.347	ug/l	# 17
44) Trichloroethene	7.123	130	1178	0.417	ug/l	65
49) 1,4-Dioxane	7.708	88	23	2.291	ug/l	# 1
59) 2-Hexanone	9.519	43	8850	2.818	ug/l	# 48
76) 1,2,3-Trichloropropane	11.079	75	94820	27.320	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	94820	88.048	ug/l	# 8

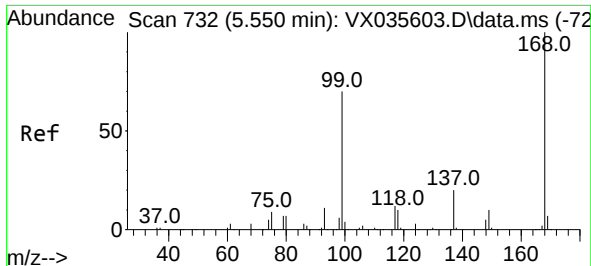
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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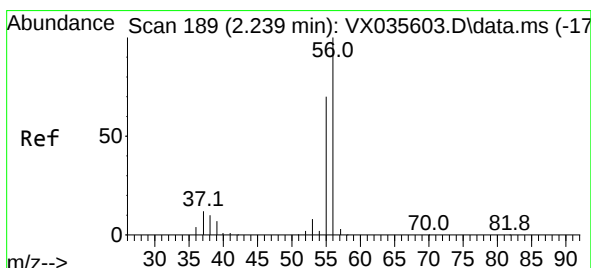
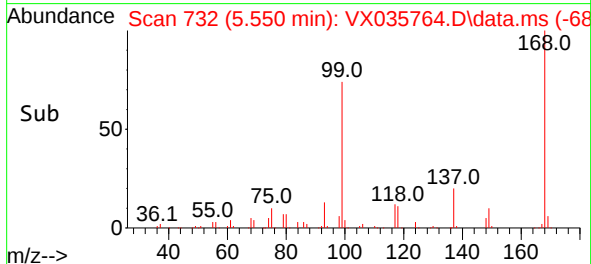
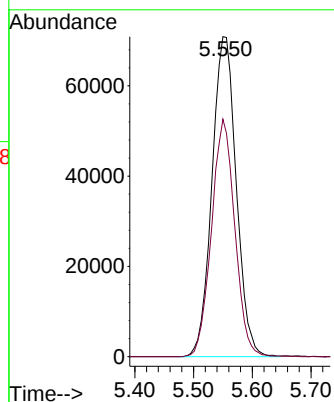
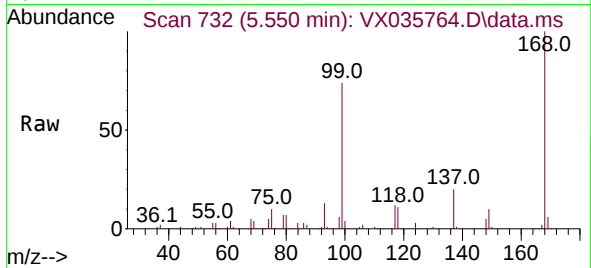




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035764.D
Acq: 19 May 2023 16:41

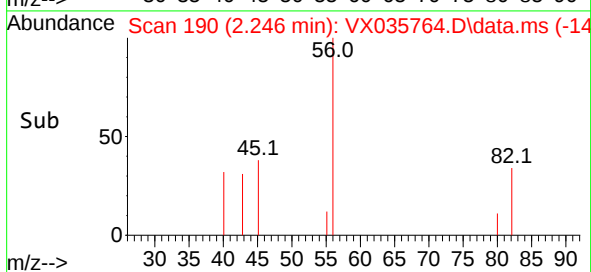
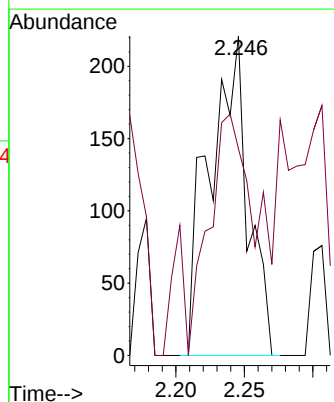
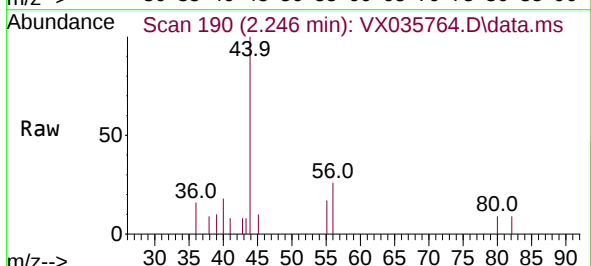
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-09-101-05162023

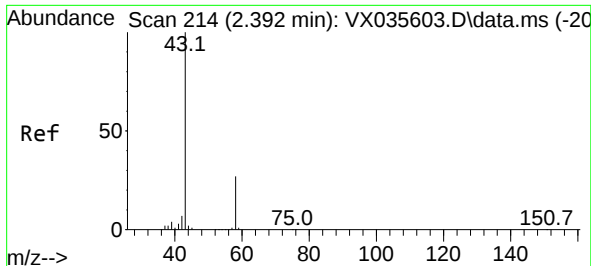
Tgt Ion:168 Resp: 203502
Ion Ratio Lower Upper
168 100
99 74.2 45.7 68.5#



#13
Acrolein
Concen: 0.584 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.007 min
Lab File: VX035764.D
Acq: 19 May 2023 16:41

Tgt Ion: 56 Resp: 434
Ion Ratio Lower Upper
56 100
55 76.3 56.6 85.0

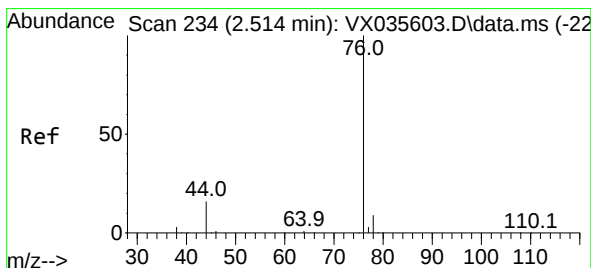
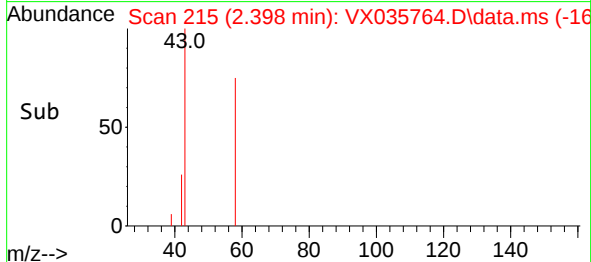
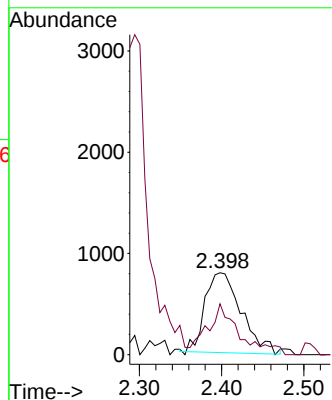
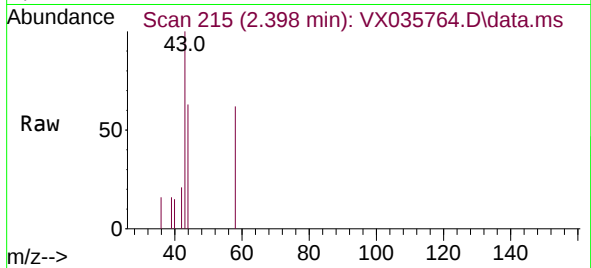




#16
Acetone
Concen: 1.590 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX035764.D
Acq: 19 May 2023 16:41

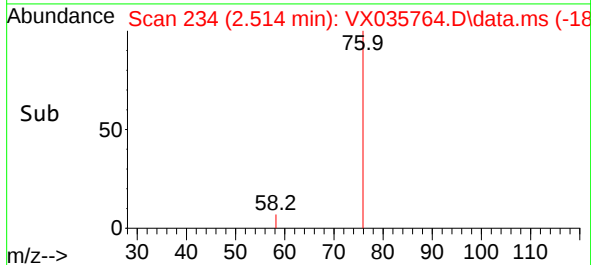
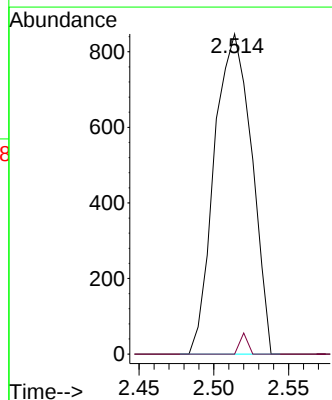
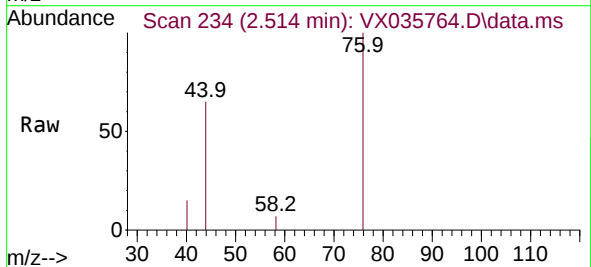
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MSVOA_X
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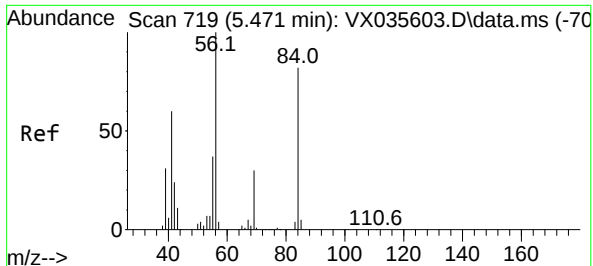
Tgt Ion: 43 Resp: 2426
Ion Ratio Lower Upper
43 100
58 56.6 24.7 37.1#



#17
Carbon Disulfide
Concen: 0.269 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX035764.D
Acq: 19 May 2023 16:41

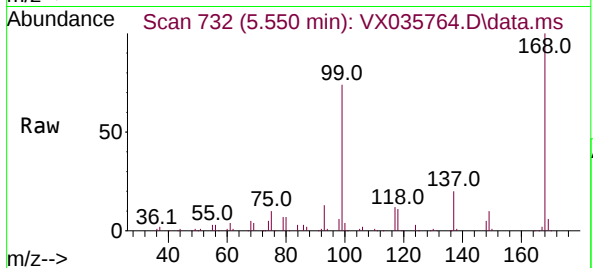
Tgt Ion: 76 Resp: 1472
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



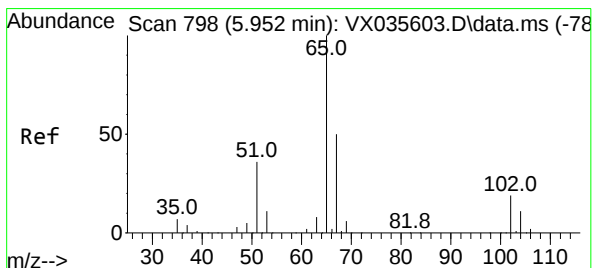
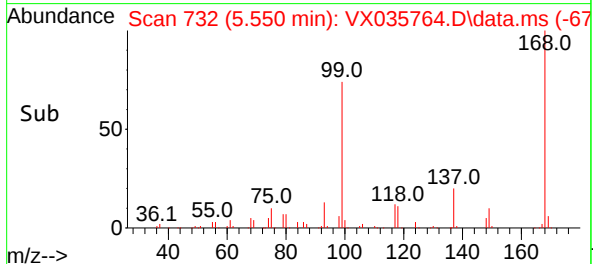
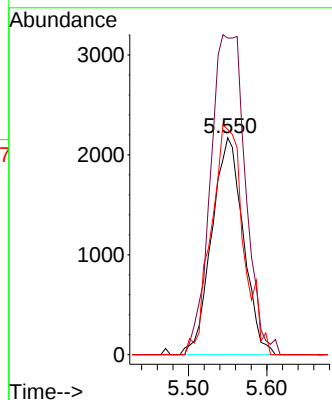


#31
Cyclohexane
Concen: 1.355 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX035764.D
Acq: 19 May 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-09-101-05162023

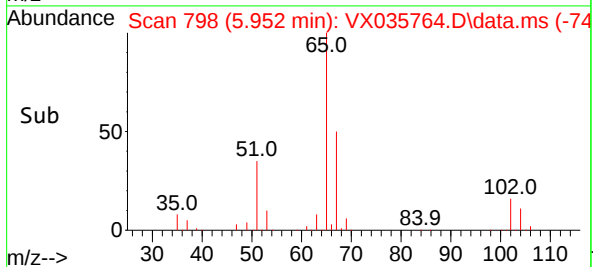
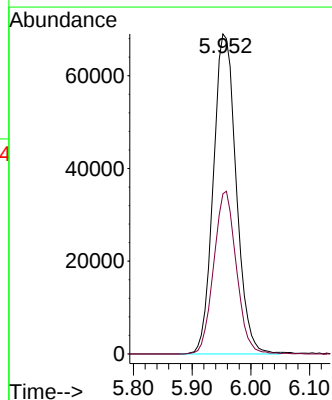
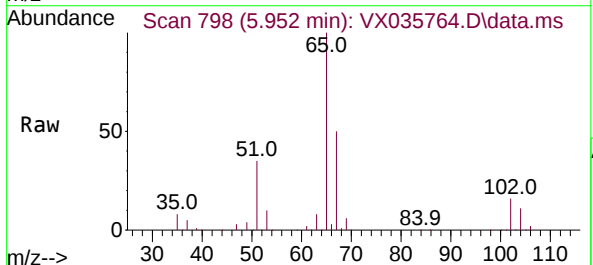


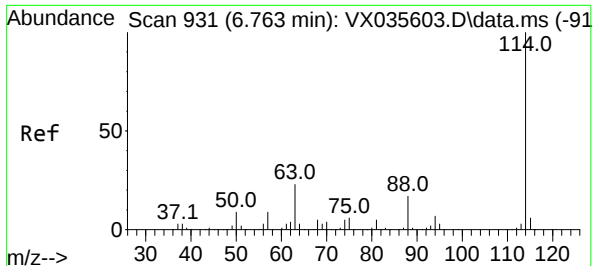
Tgt Ion: 56 Resp: 6078
Ion Ratio Lower Upper
56 100
69 146.0 23.7 35.5#
84 103.9 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 52.614 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035764.D
Acq: 19 May 2023 16:41

Tgt Ion: 65 Resp: 186788
Ion Ratio Lower Upper
65 100
67 50.3 0.0 104.0

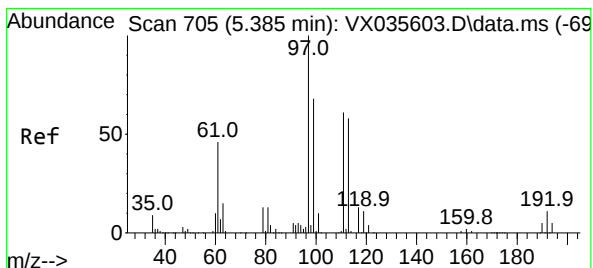
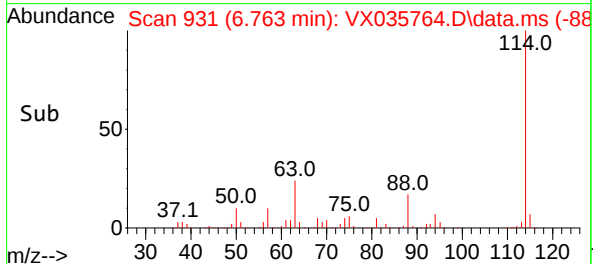
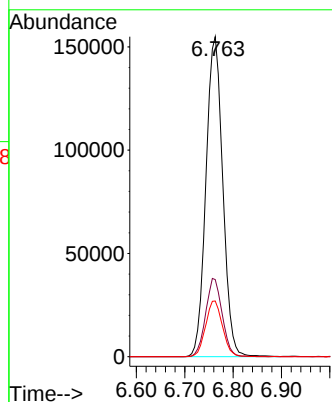
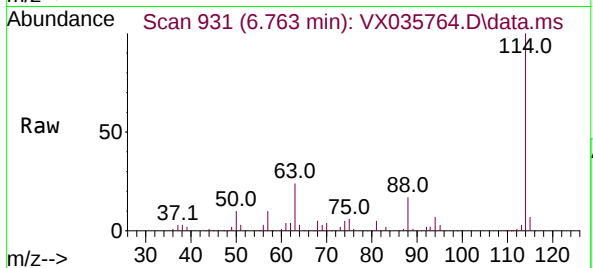




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035764.D
Acq: 19 May 2023 16:41

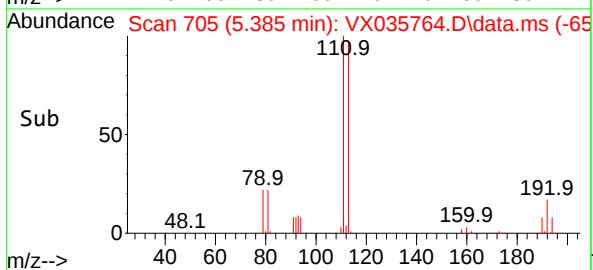
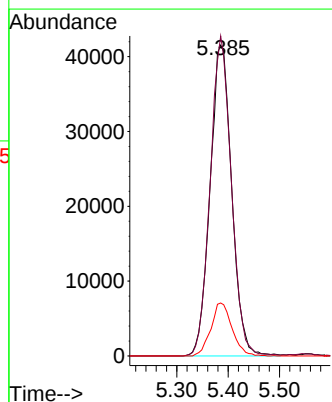
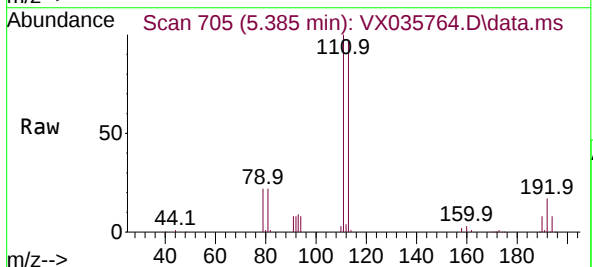
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-09-101-05162023

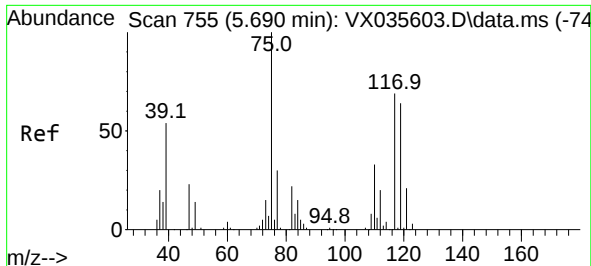
Tgt Ion:114 Resp: 373865
Ion Ratio Lower Upper
114 100
63 24.1 0.0 42.2
88 17.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.275 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035764.D
Acq: 19 May 2023 16:41

Tgt Ion:113 Resp: 121718
Ion Ratio Lower Upper
113 100
111 100.4 83.7 125.5
192 16.7 15.4 23.2

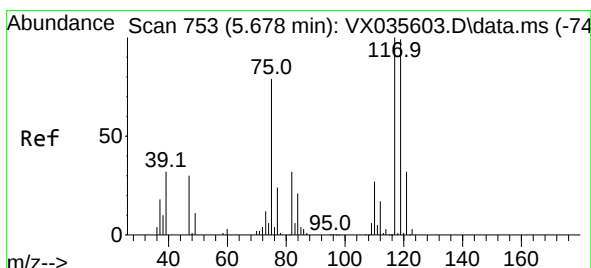
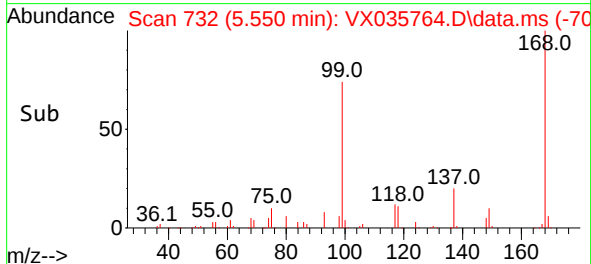
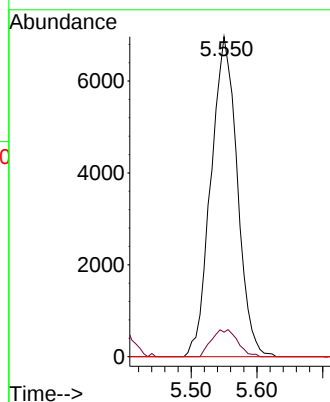
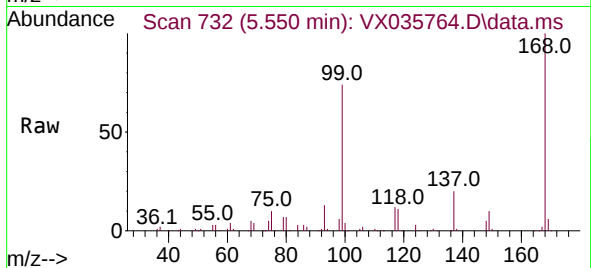




#36
1,1-Dichloropropene
Concen: 4.878 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX035764.D
Acq: 19 May 2023 16:41

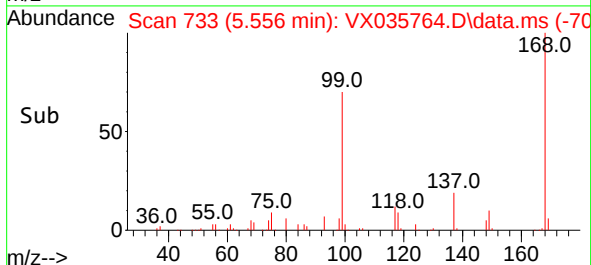
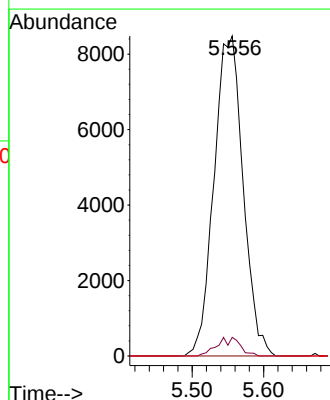
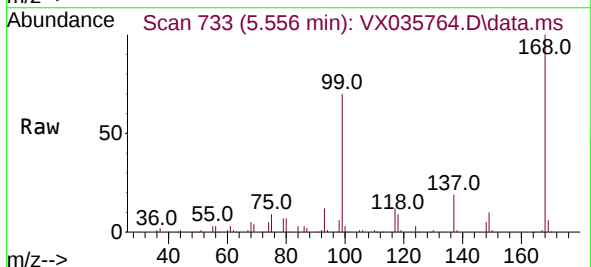
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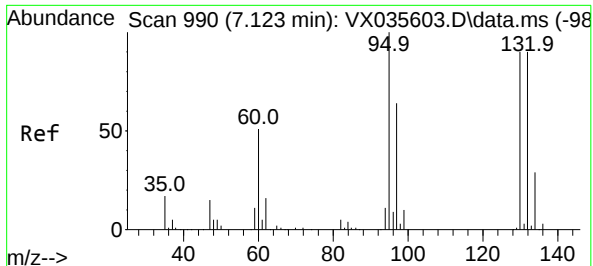
Tgt Ion: 75 Resp: 19412
Ion Ratio Lower Upper
75 100
110 8.4 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.347 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX035764.D
Acq: 19 May 2023 16:41

Tgt Ion: 117 Resp: 23928
Ion Ratio Lower Upper
117 100
119 5.8 76.6 114.8#
121 0.0 23.8 35.6#

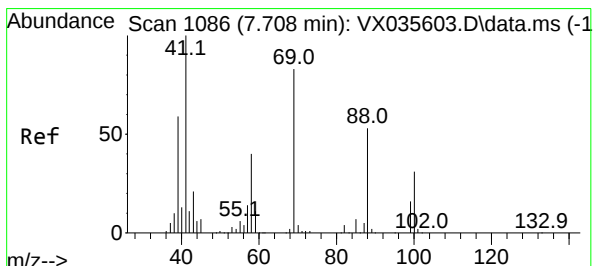
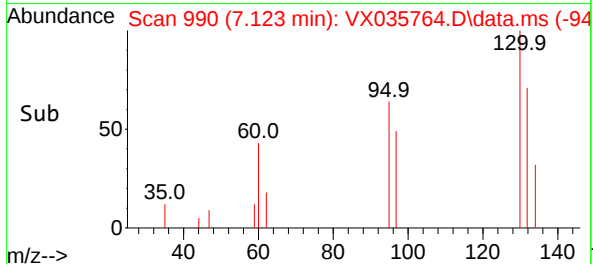
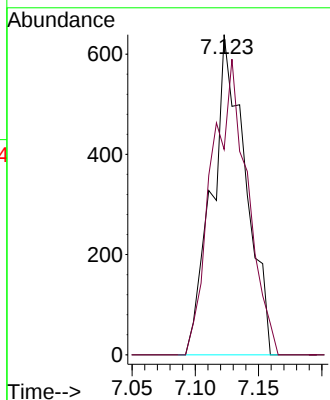
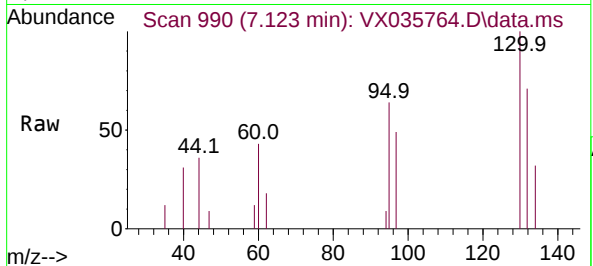




#44
Trichloroethene
Concen: 0.417 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035764.D
Acq: 19 May 2023 16:41

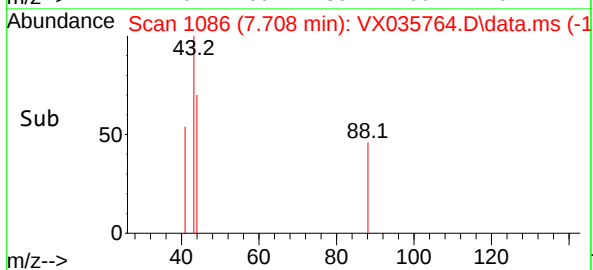
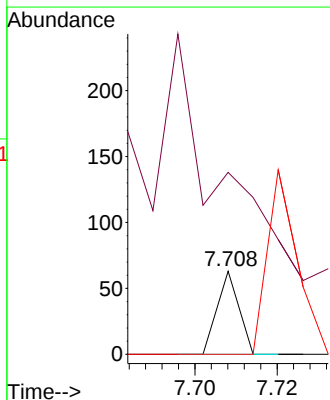
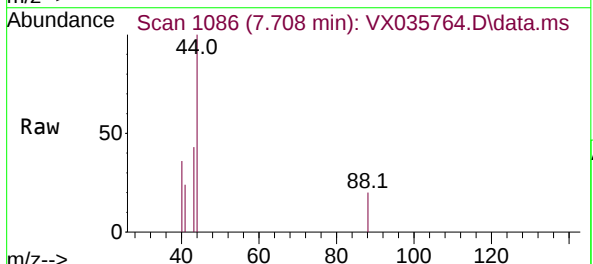
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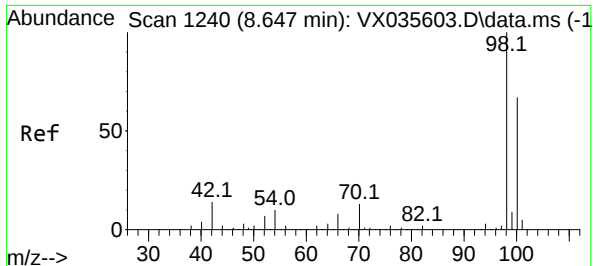
Tgt Ion:130 Resp: 1178
Ion Ratio Lower Upper
130 100
95 64.2 0.0 198.4



#49
1,4-Dioxane
Concen: 2.291 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VX035764.D
Acq: 19 May 2023 16:41

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 304.3 56.8 85.2#

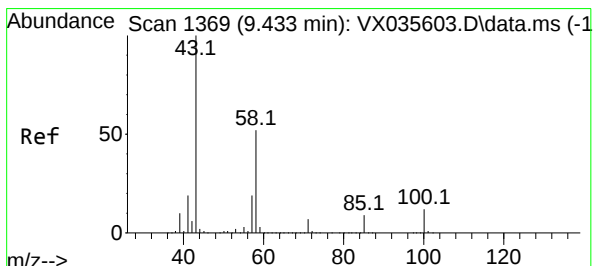
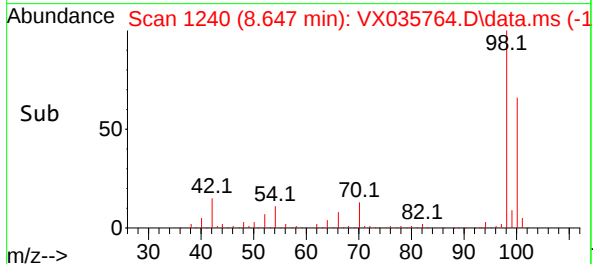
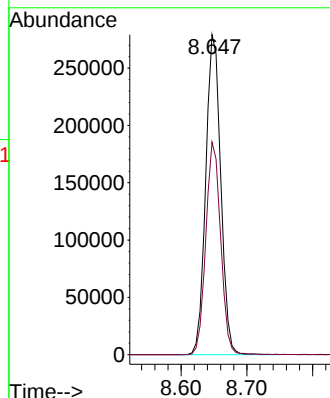
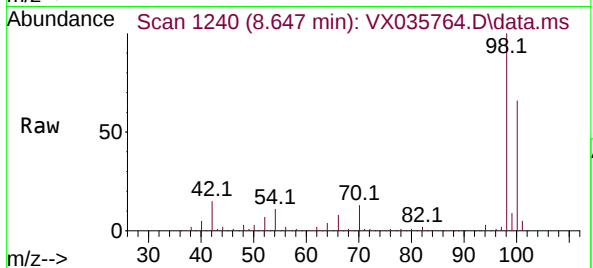




#50
Toluene-d8
Concen: 47.692 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035764.D
Acq: 19 May 2023 16:41

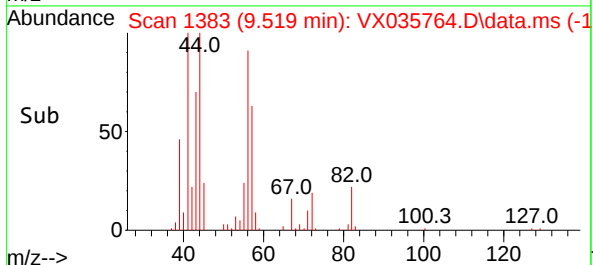
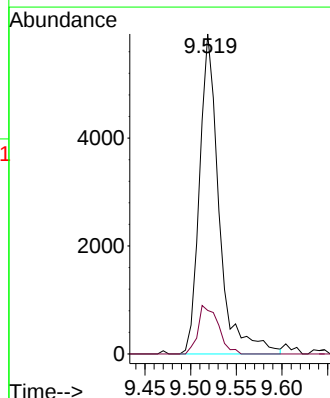
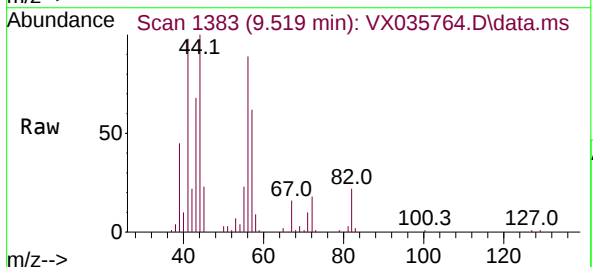
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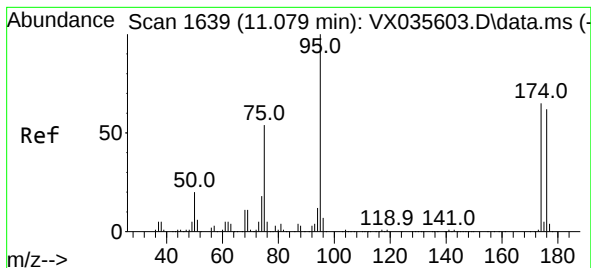
Tgt Ion: 98 Resp: 444225
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#59
2-Hexanone
Concen: 2.818 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.086 min
Lab File: VX035764.D
Acq: 19 May 2023 16:41

Tgt Ion: 43 Resp: 8850
Ion Ratio Lower Upper
43 100
58 15.6 26.3 78.9#

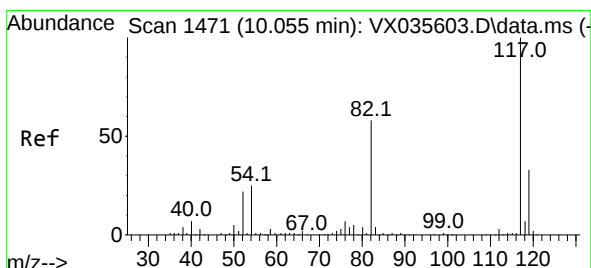
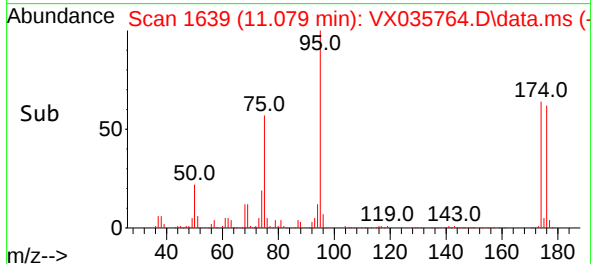
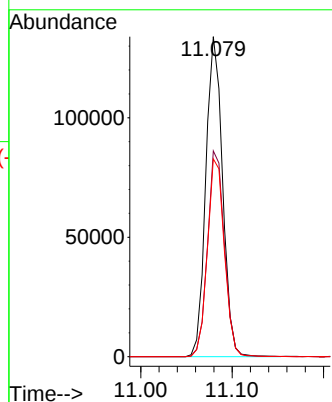
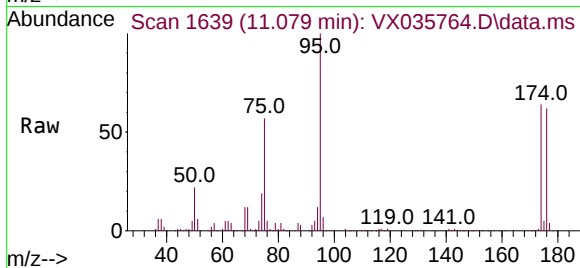




#62
4-Bromofluorobenzene
Concen: 45.302 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035764.D
Acq: 19 May 2023 16:41

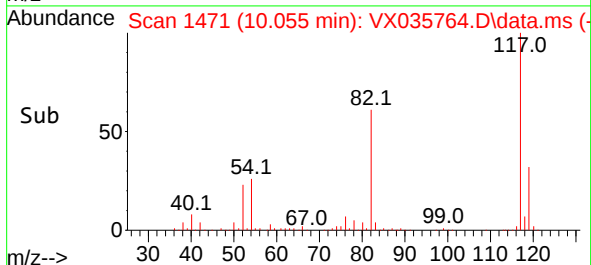
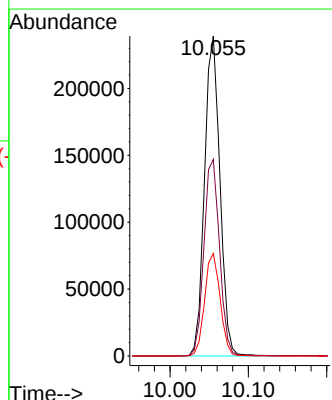
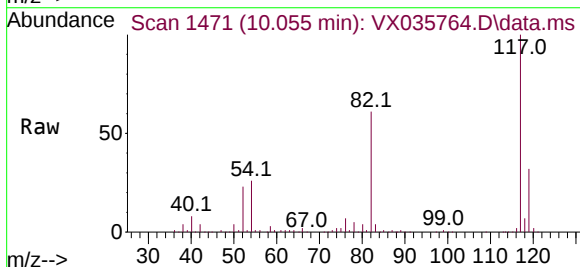
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-09-101-05162023

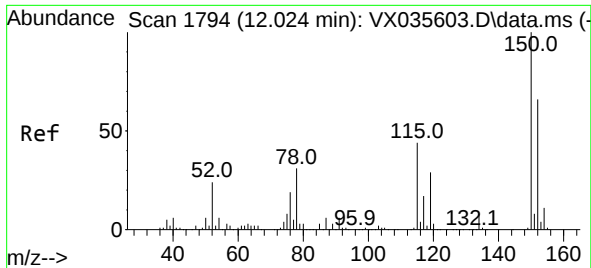
Tgt Ion: 95 Resp: 169899
Ion Ratio Lower Upper
95 100
174 65.0 0.0 147.4
176 62.8 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035764.D
Acq: 19 May 2023 16:41

Tgt Ion: 117 Resp: 326413
Ion Ratio Lower Upper
117 100
82 61.4 45.0 67.4
119 32.0 26.0 39.0

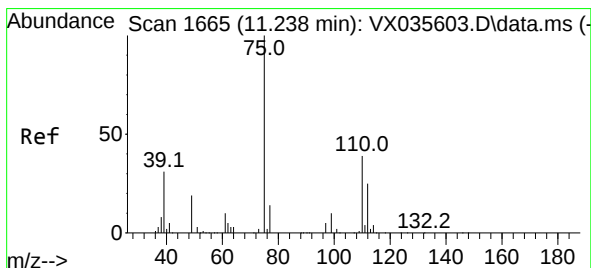
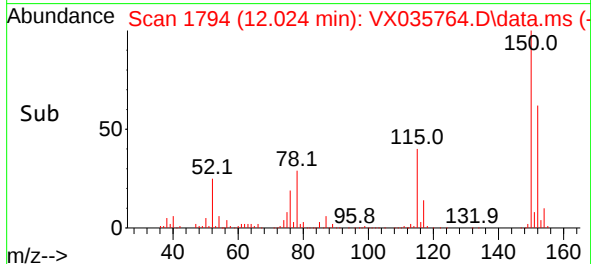
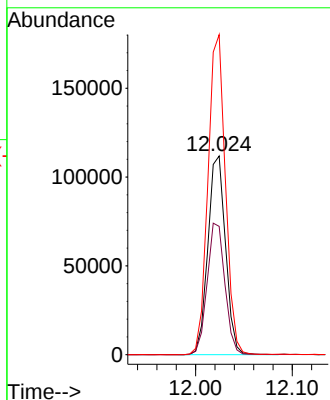
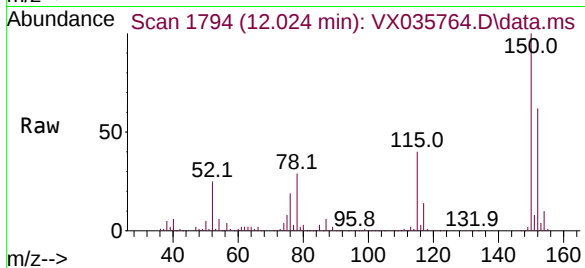




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035764.D
Acq: 19 May 2023 16:41

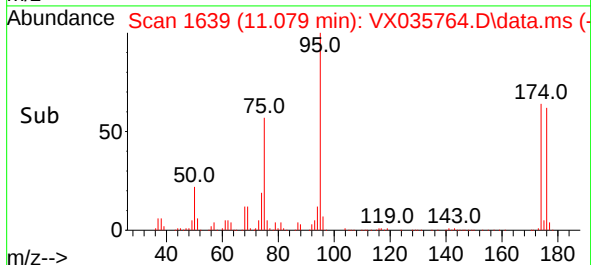
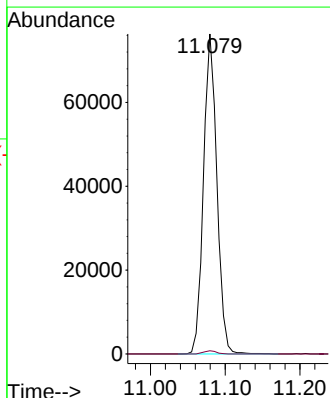
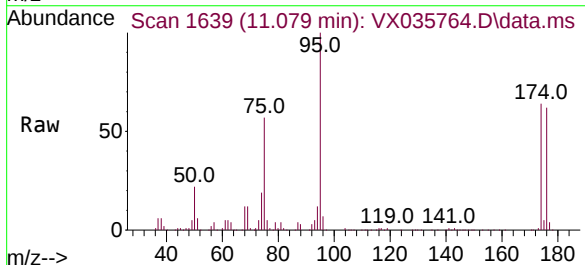
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-09-101-05162023

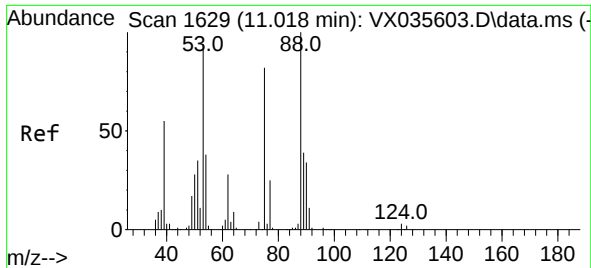
Tgt Ion:152 Resp: 141893
Ion Ratio Lower Upper
152 100
115 66.7 45.0 135.0
150 159.0 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 27.320 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035764.D
Acq: 19 May 2023 16:41

Tgt Ion: 75 Resp: 94820
Ion Ratio Lower Upper
75 100
77 0.9 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.048 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035764.D
 Acq: 19 May 2023 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-09-101-05162023

Tgt Ion: 75 Resp: 94820
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

