

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052223\
 Data File : VX035790.D
 Acq On : 22 May 2023 17:22
 Operator : JC/MD
 Sample : 02860-10RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-05-101-0512023

Quant Time: May 23 06:14:19 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)

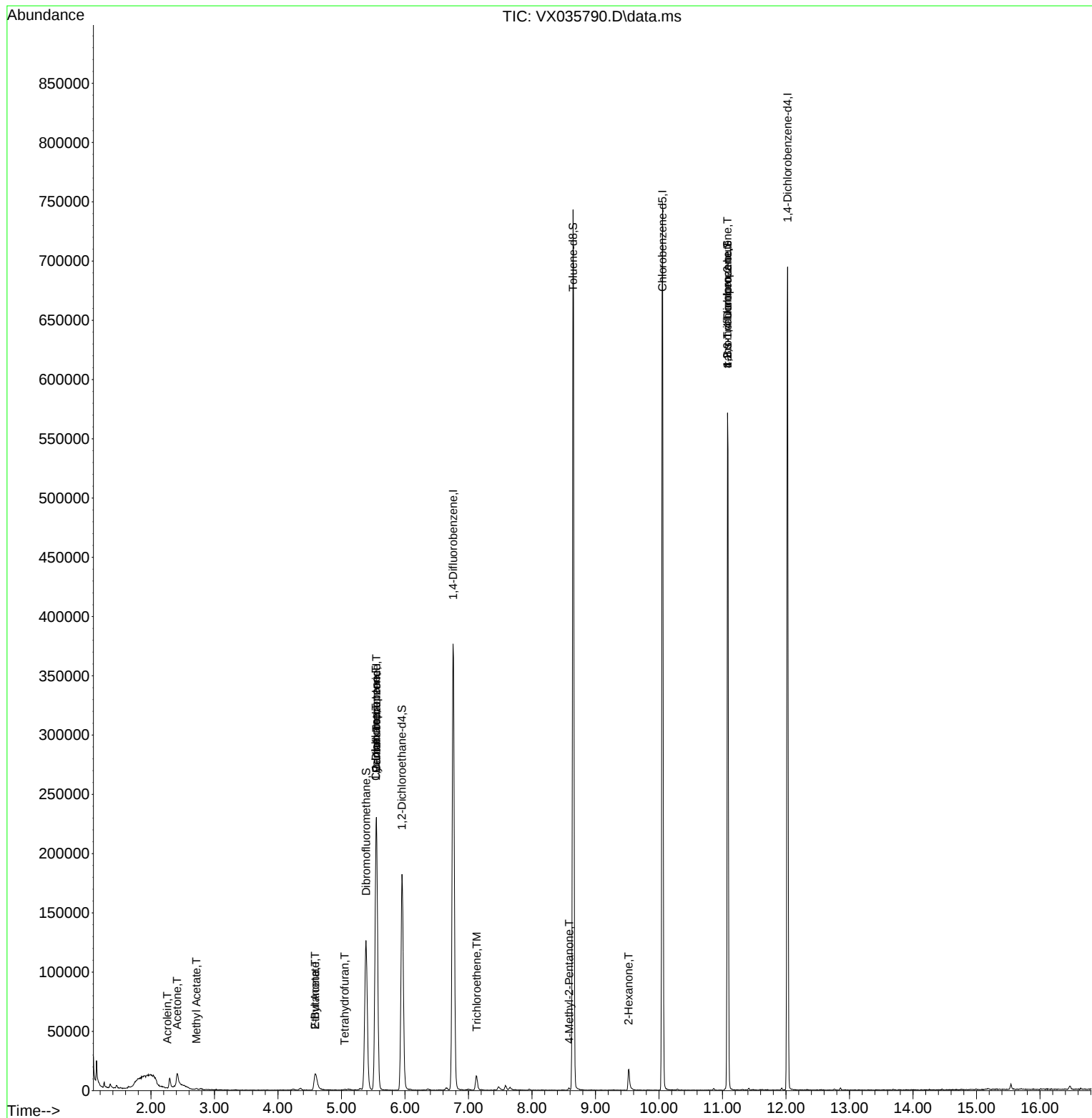
Internal Standards						
1) Pentafluorobenzene	5.550	168	195192	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	359944	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	308271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	179533	52.723	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.440%	
35) Dibromofluoromethane	5.385	113	108911	44.866	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 89.740%	
50) Toluene-d8	8.647	98	414752	46.250	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 92.500%	
62) 4-Bromofluorobenzene	11.079	95	157947	43.744	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.480%	
Target Compounds						
					Qvalue	
13) Acrolein	2.258	56	203	0.285	ug/l	90
16) Acetone	2.410	43	14277	9.755	ug/l	92
18) Methyl Acetate	2.715	43	1589	0.294	ug/l	91
25) 2-Butanone	4.587	43	33789	16.678	ug/l	95
29) Tetrahydrofuran	5.050	42	698	0.548	ug/l #	54
31) Cyclohexane	5.544	56	5473	1.272	ug/l #	21
36) 1,1-Dichloropropene	5.544	75	18807	4.908	ug/l #	50
37) Ethyl Acetate	4.587	43	33789	8.455	ug/l #	70
38) Carbon Tetrachloride	5.550	117	23234	6.401	ug/l #	16
44) Trichloroethene	7.129	130	4398	1.618	ug/l	94
51) 4-Methyl-2-Pentanone	8.586	43	1424	0.355	ug/l	97
59) 2-Hexanone	9.519	43	3579	1.184	ug/l #	48
76) 1,2,3-Trichloropropane	11.079	75	89088	27.284	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	89088	87.933	ug/l #	8

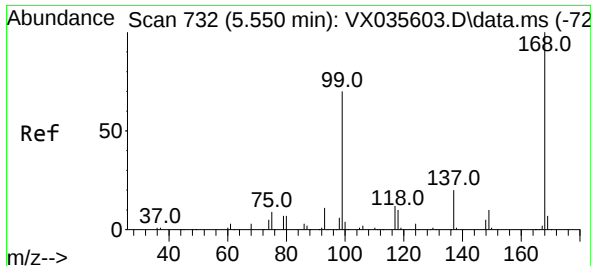
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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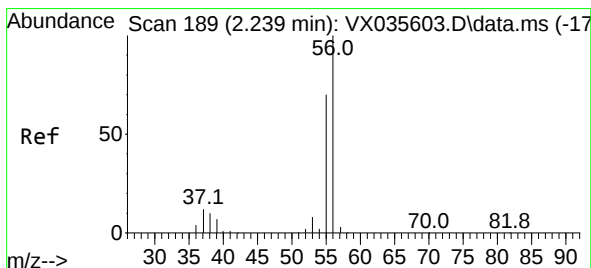
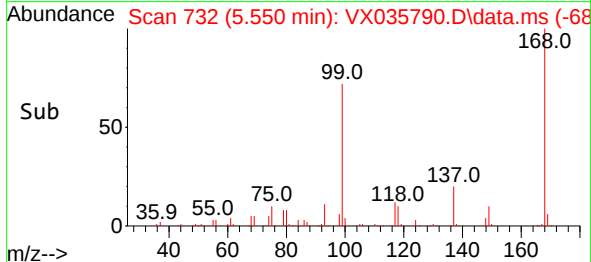
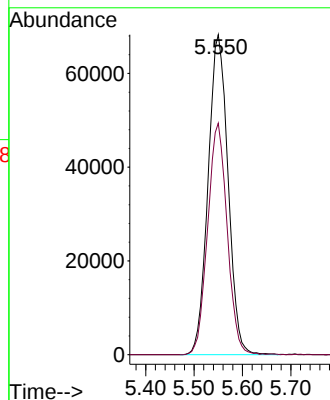
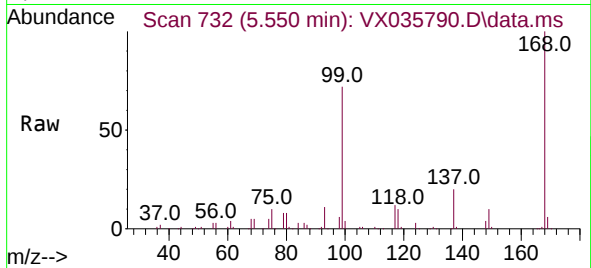




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035790.D
Acq: 22 May 2023 17:22

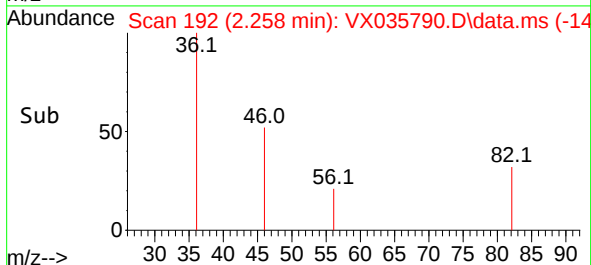
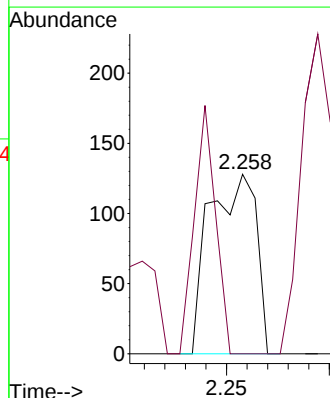
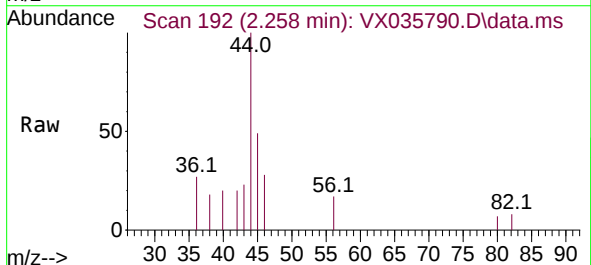
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-05-101-0512023

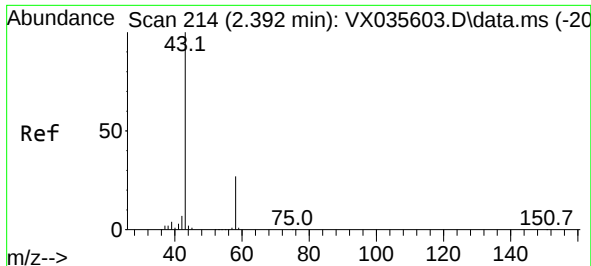
Tgt Ion:168 Resp: 195192
Ion Ratio Lower Upper
168 100
99 72.3 45.7 68.5#



#13
Acrolein
Concen: 0.285 ug/l
RT: 2.258 min Scan# 192
Delta R.T. 0.019 min
Lab File: VX035790.D
Acq: 22 May 2023 17:22

Tgt Ion: 56 Resp: 203
Ion Ratio Lower Upper
56 100
55 62.6 56.6 85.0

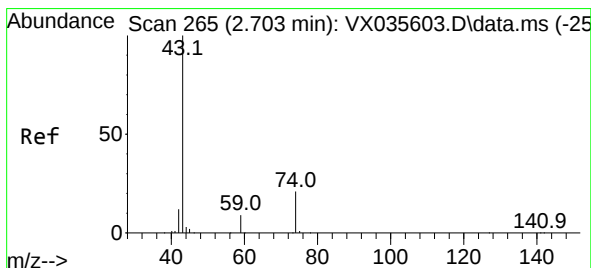
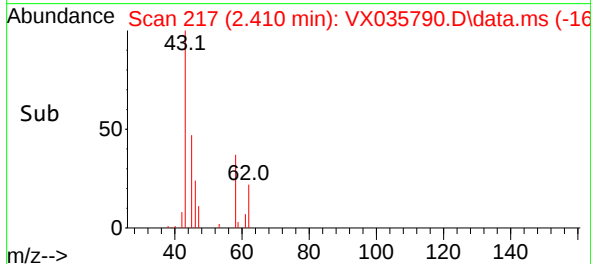
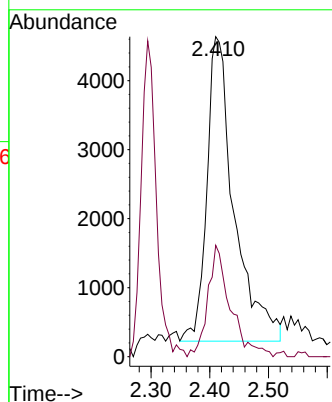
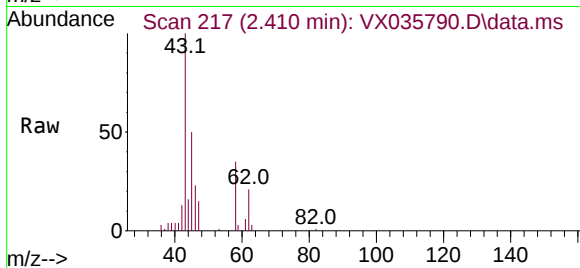




#16
Acetone
Concen: 9.755 ug/l
RT: 2.410 min Scan# 214
Delta R.T. 0.018 min
Lab File: VX035790.D
Acq: 22 May 2023 17:22

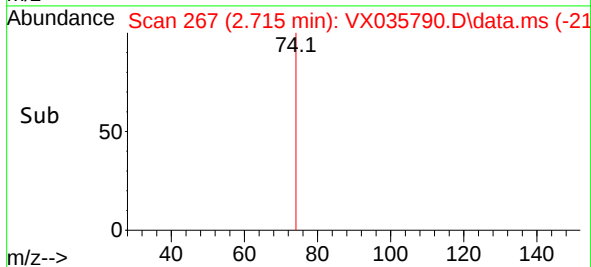
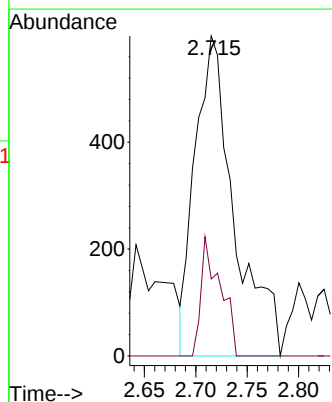
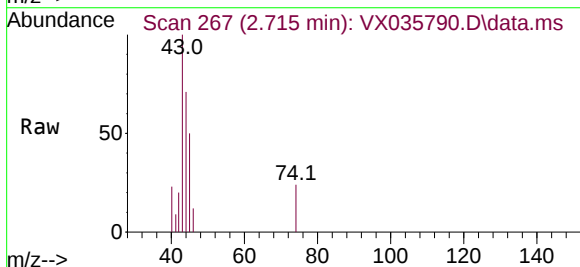
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-05-101-0512023

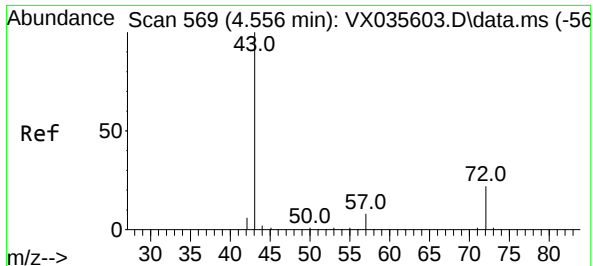
Tgt Ion: 43 Resp: 14277
Ion Ratio Lower Upper
43 100
58 35.3 24.7 37.1



#18
Methyl Acetate
Concen: 0.294 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.012 min
Lab File: VX035790.D
Acq: 22 May 2023 17:22

Tgt Ion: 43 Resp: 1589
Ion Ratio Lower Upper
43 100
74 18.4 18.3 27.5





#25

2-Butanone

Concen: 16.678 ug/l

RT: 4.587 min Scan# 51

Delta R.T. 0.031 min

Lab File: VX035790.D

Acq: 22 May 2023 17:22

Instrument :

MSVOA_X

ClientSampleId :

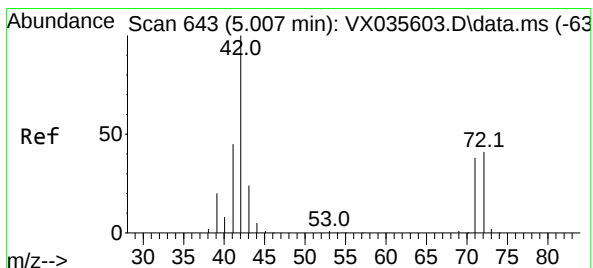
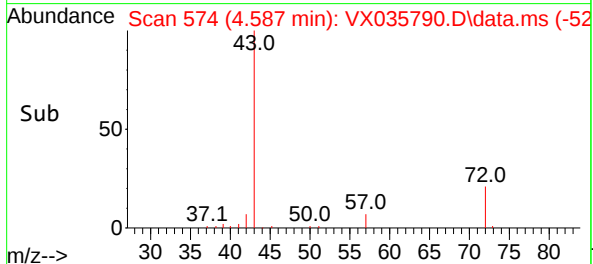
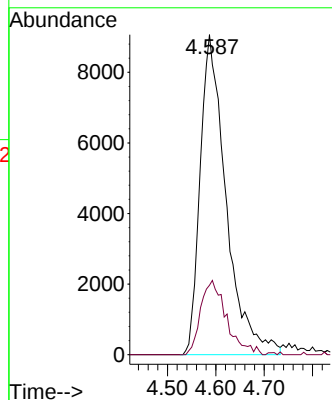
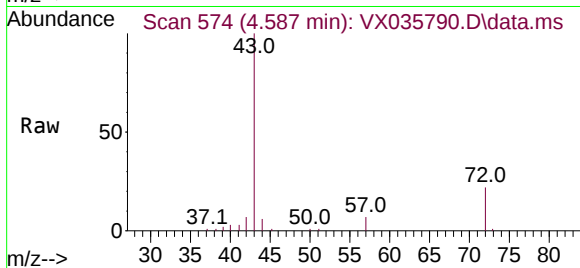
FSND-PRO-05-101-0512023

Tgt Ion: 43 Resp: 33789

Ion Ratio Lower Upper

43 100

72 21.7 19.3 28.9



#29

Tetrahydrofuran

Concen: 0.548 ug/l

RT: 5.050 min Scan# 650

Delta R.T. 0.043 min

Lab File: VX035790.D

Acq: 22 May 2023 17:22

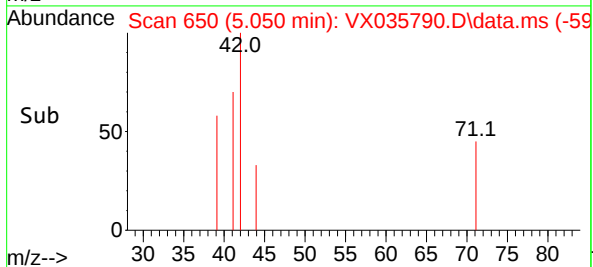
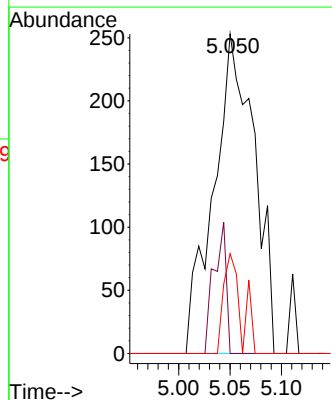
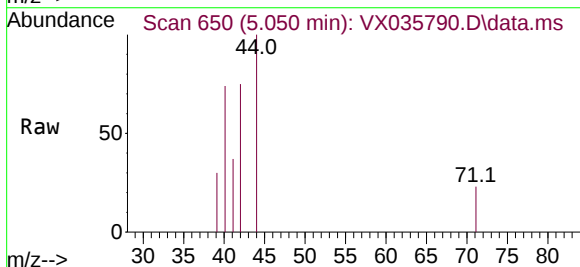
Tgt Ion: 42 Resp: 698

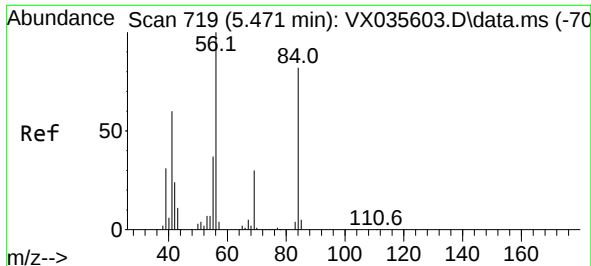
Ion Ratio Lower Upper

42 100

72 12.3 34.5 51.7#

71 13.3 32.1 48.1#

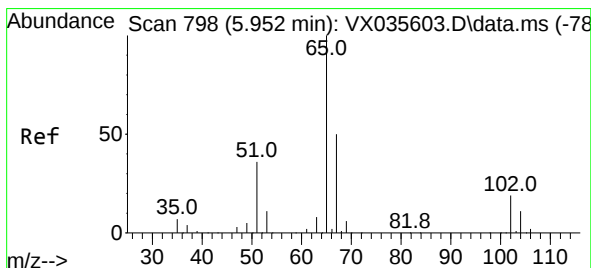
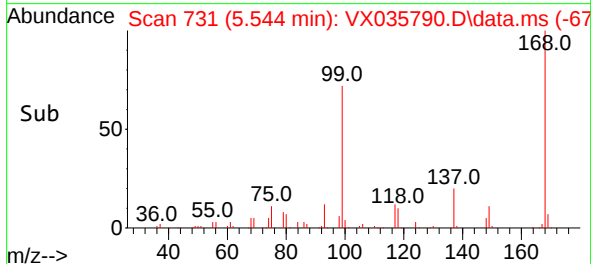
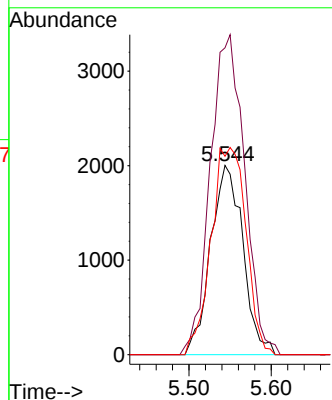
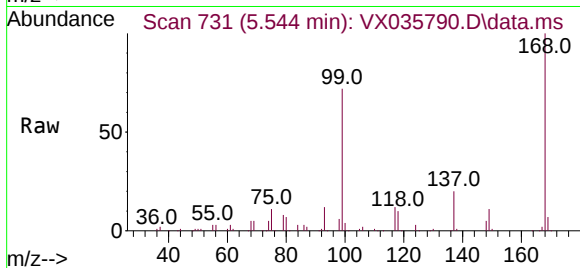




#31
Cyclohexane
Concen: 1.272 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX035790.D
Acq: 22 May 2023 17:22

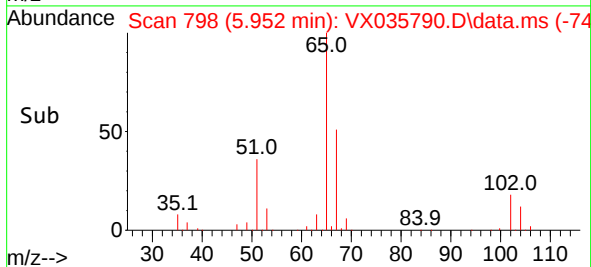
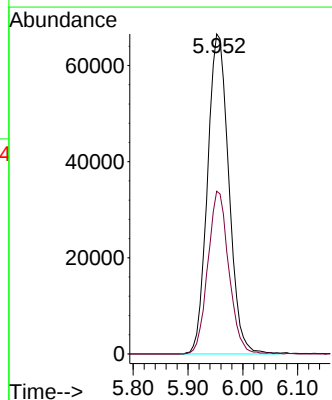
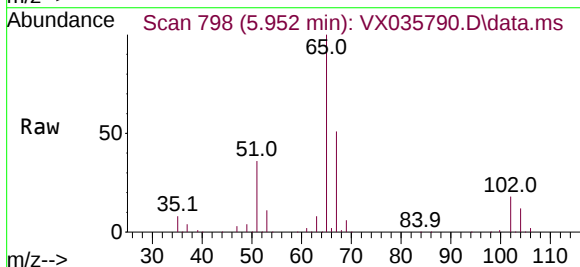
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-05-101-0512023

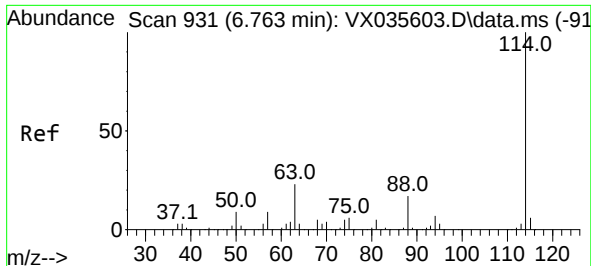
Tgt Ion: 56 Resp: 5473
Ion Ratio Lower Upper
56 100
69 162.2 23.7 35.5#
84 104.8 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 52.723 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035790.D
Acq: 22 May 2023 17:22

Tgt Ion: 65 Resp: 179533
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.0

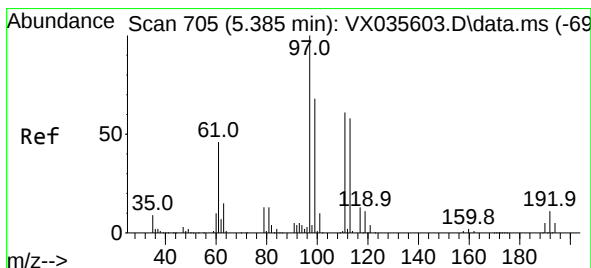
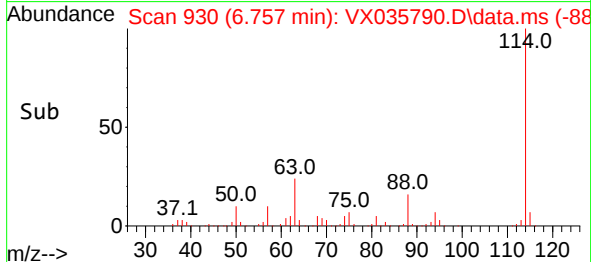
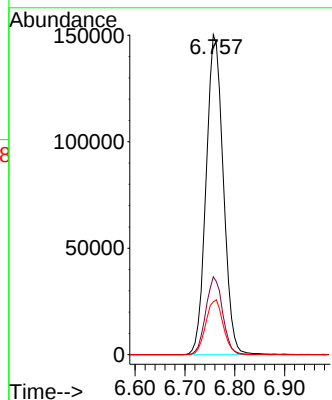
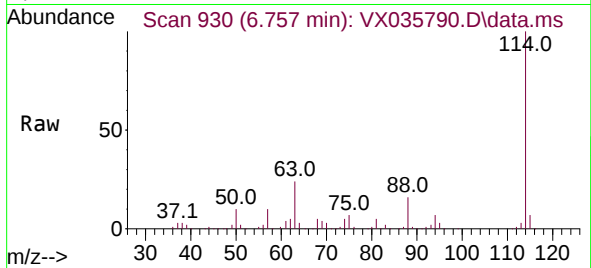




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX035790.D
Acq: 22 May 2023 17:22

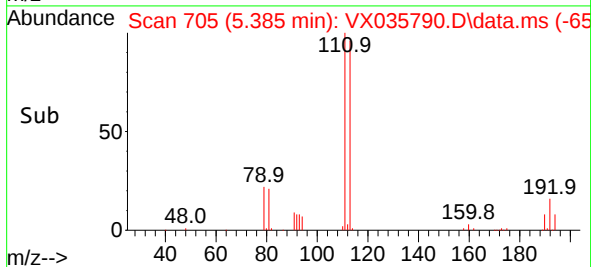
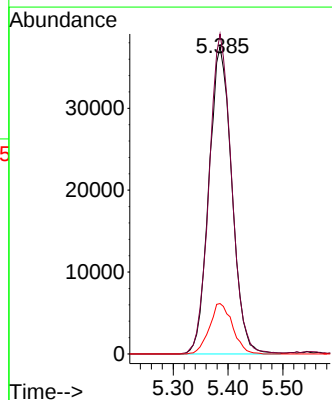
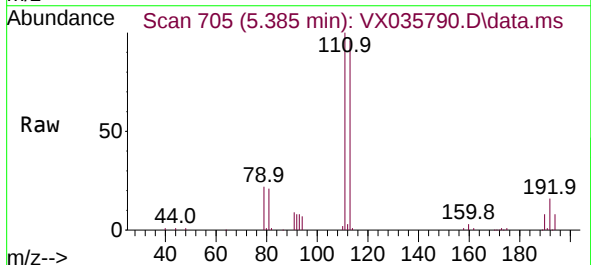
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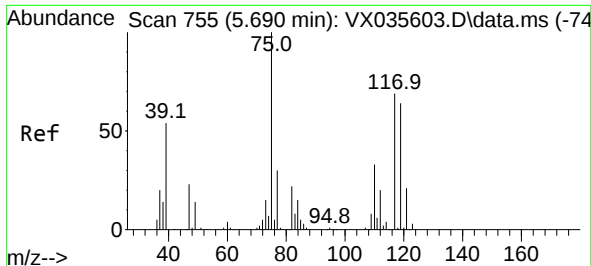
Tgt Ion:114 Resp: 359944
Ion Ratio Lower Upper
114 100
63 24.3 0.0 42.2
88 16.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 44.866 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035790.D
Acq: 22 May 2023 17:22

Tgt Ion:113 Resp: 108911
Ion Ratio Lower Upper
113 100
111 102.5 83.7 125.5
192 16.5 15.4 23.2

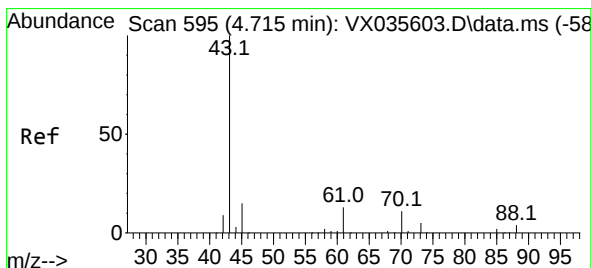
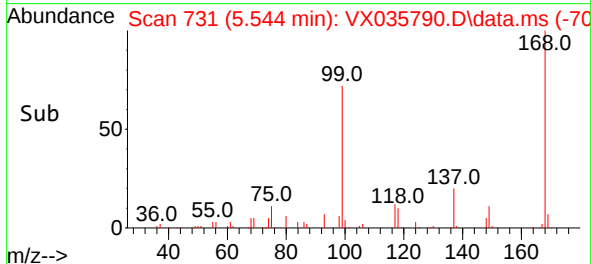
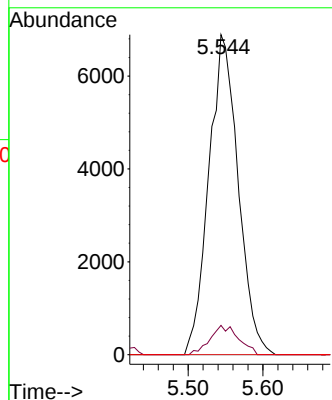
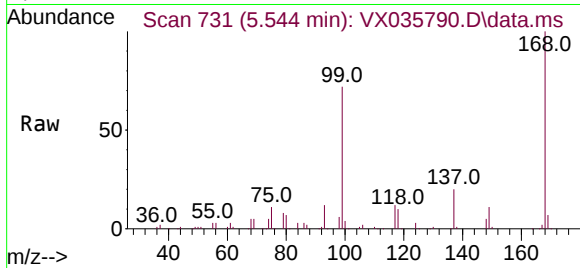




#36
1,1-Dichloropropene
Concen: 4.908 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX035790.D
Acq: 22 May 2023 17:22

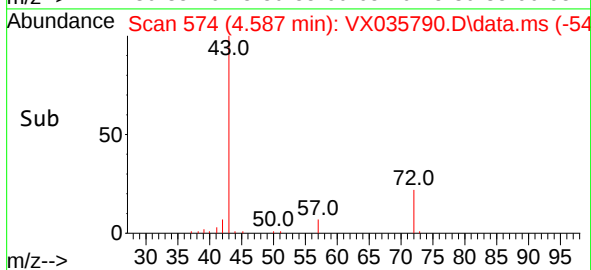
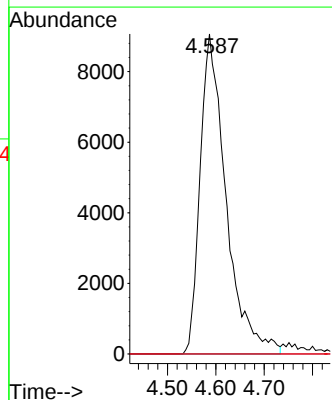
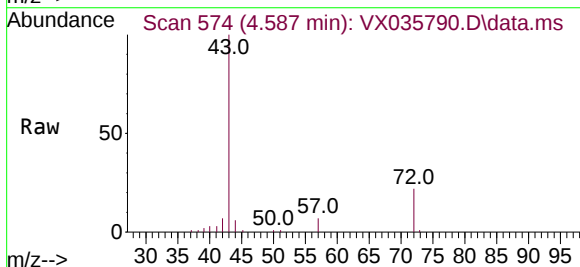
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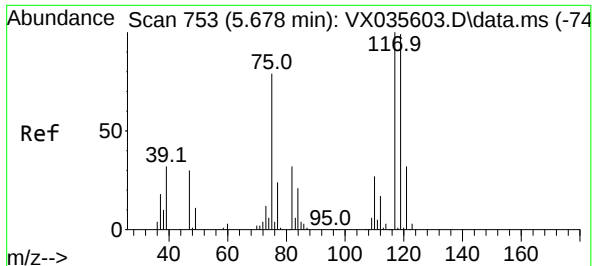
Tgt Ion: 75 Resp: 18807
Ion Ratio Lower Upper
75 100
110 8.9 17.5 52.5#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 8.455 ug/l
RT: 4.587 min Scan# 574
Delta R.T. -0.128 min
Lab File: VX035790.D
Acq: 22 May 2023 17:22

Tgt Ion: 43 Resp: 33789
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.4#
70 0.0 8.2 12.4#

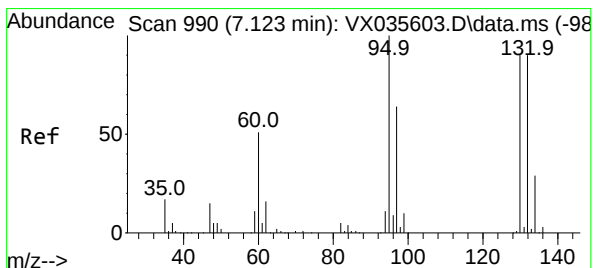
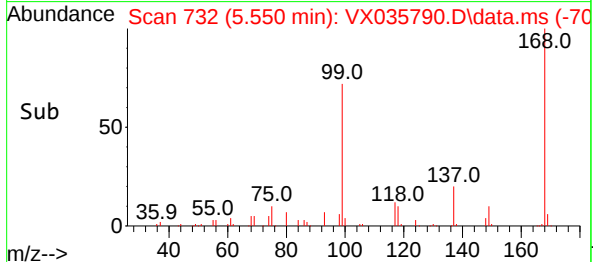
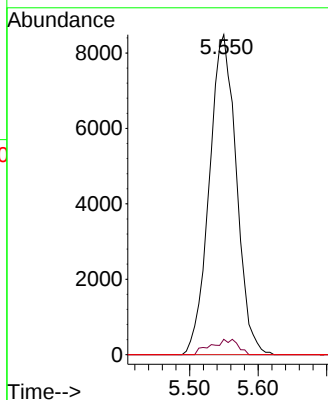
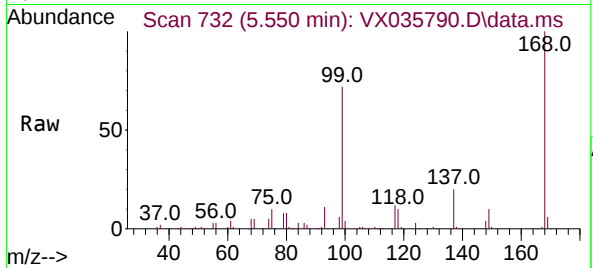




#38
Carbon Tetrachloride
Concen: 6.401 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX035790.D
Acq: 22 May 2023 17:22

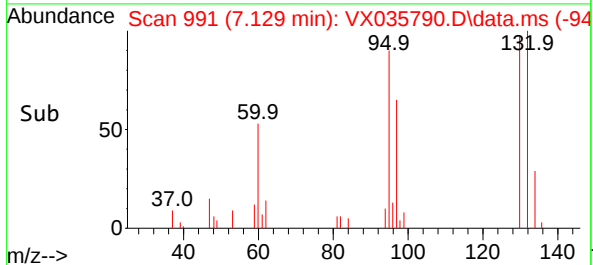
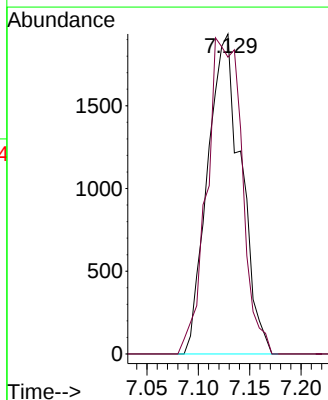
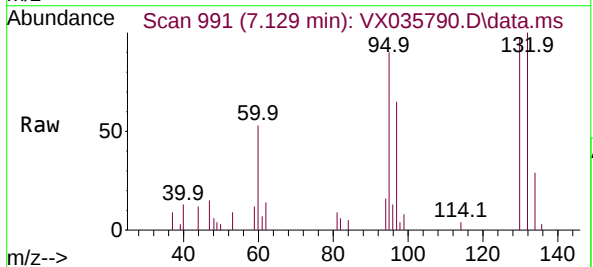
Instrument :
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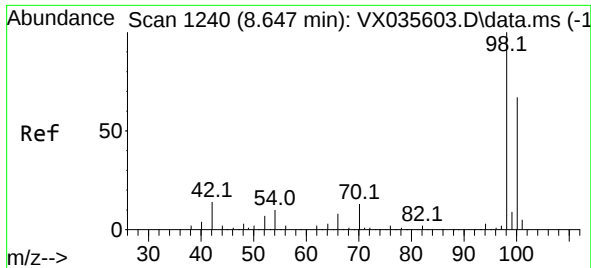
Tgt Ion:117 Resp: 23234
Ion Ratio Lower Upper
117 100
119 4.8 76.6 114.8#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 1.618 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX035790.D
Acq: 22 May 2023 17:22

Tgt Ion:130 Resp: 4398
Ion Ratio Lower Upper
130 100
95 92.8 0.0 198.4

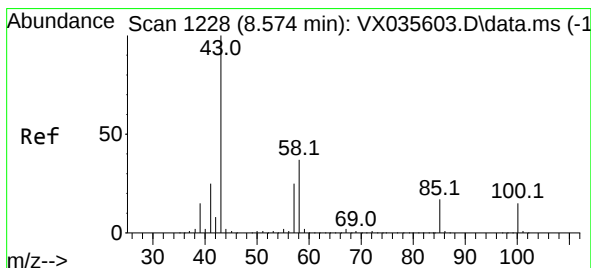
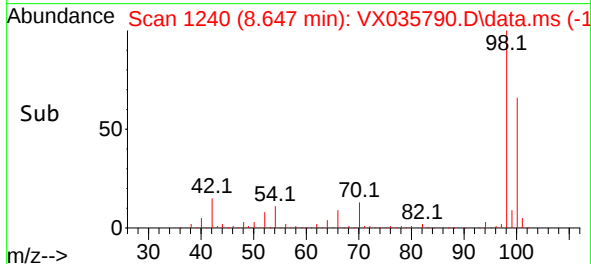
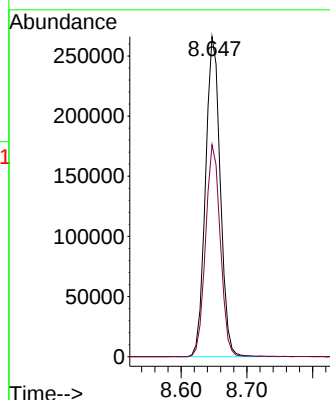
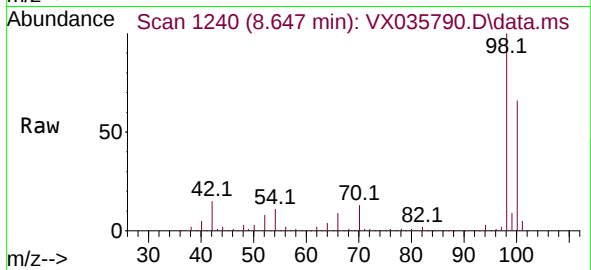




#50
Toluene-d8
Concen: 46.250 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035790.D
Acq: 22 May 2023 17:22

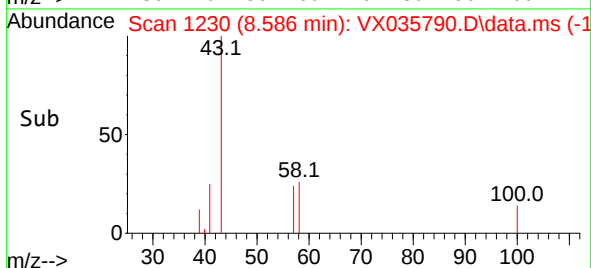
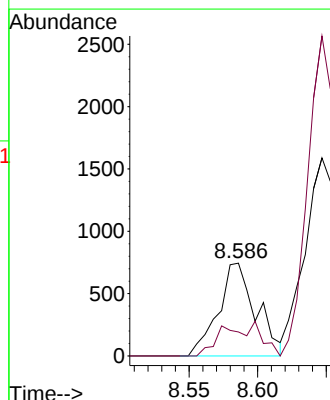
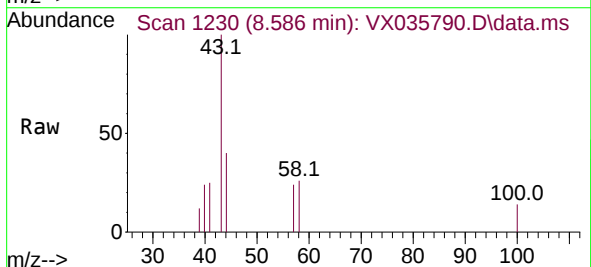
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-05-101-0512023

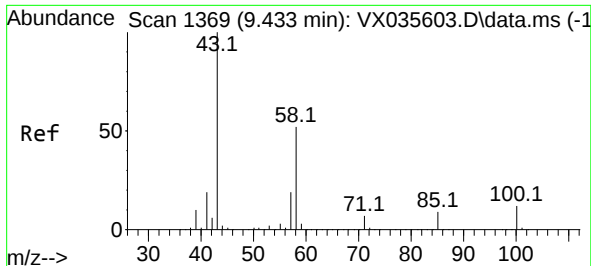
Tgt Ion: 98 Resp: 414752
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.355 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VX035790.D
Acq: 22 May 2023 17:22

Tgt Ion: 43 Resp: 1424
Ion Ratio Lower Upper
43 100
58 36.7 30.6 46.0





#59

2-Hexanone

Concen: 1.184 ug/l

RT: 9.519 min Scan# 11

Delta R.T. 0.086 min

Lab File: VX035790.D

Acq: 22 May 2023 17:22

Instrument :

MSVOA_X

ClientSampleId :

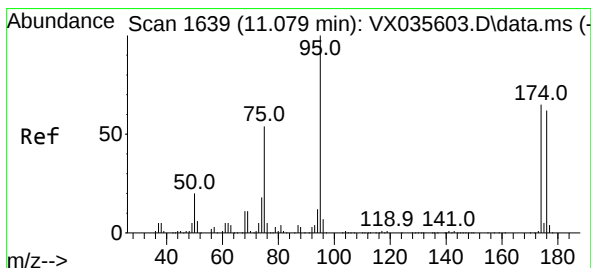
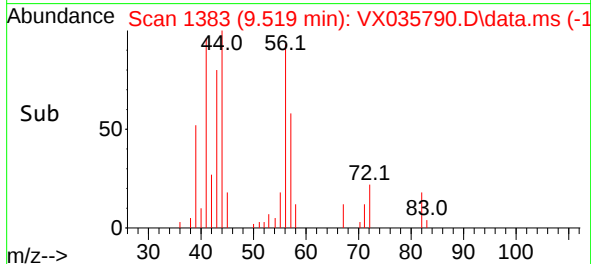
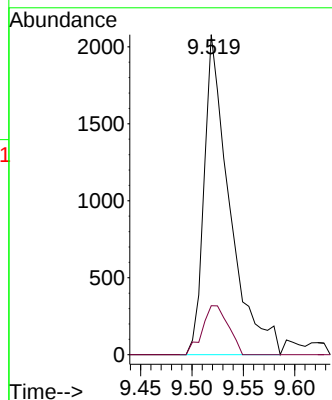
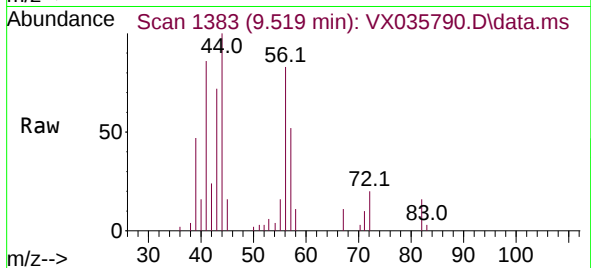
FSND-PRO-05-101-0512023

Tgt Ion: 43 Resp: 3579

Ion Ratio Lower Upper

43 100

58 15.6 26.3 78.9#



#62

4-Bromofluorobenzene

Concen: 43.744 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035790.D

Acq: 22 May 2023 17:22

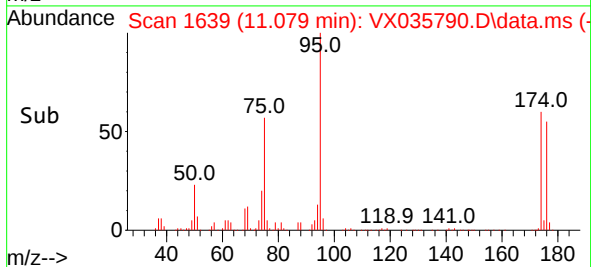
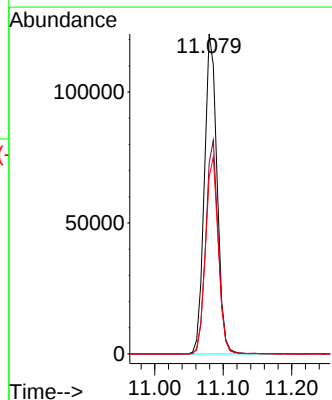
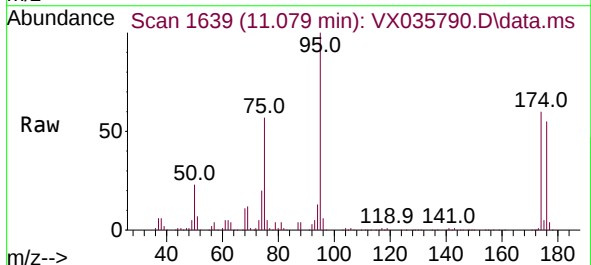
Tgt Ion: 95 Resp: 157947

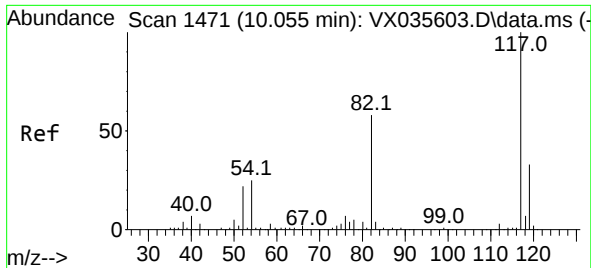
Ion Ratio Lower Upper

95 100

174 65.4 0.0 147.4

176 61.8 0.0 140.6

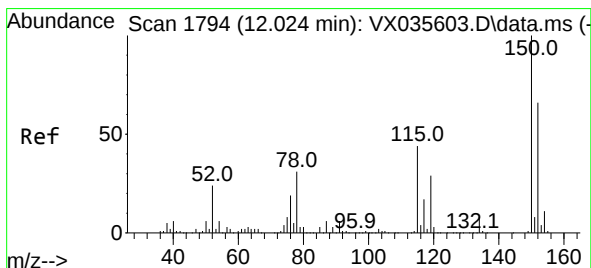
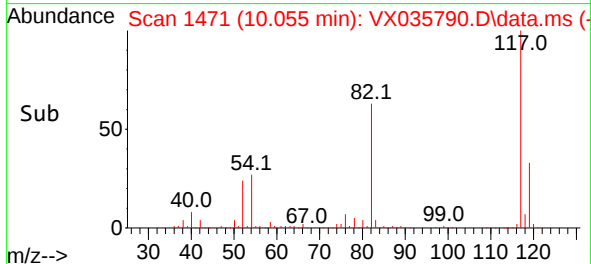
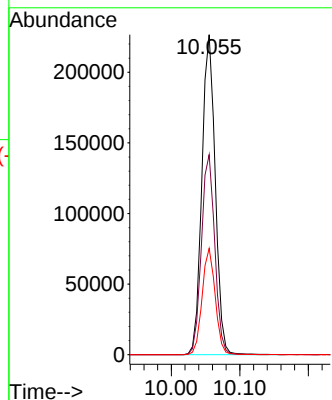
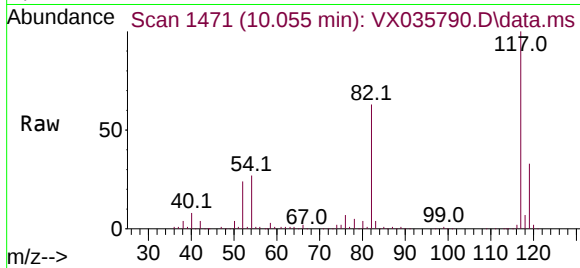




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035790.D
Acq: 22 May 2023 17:22

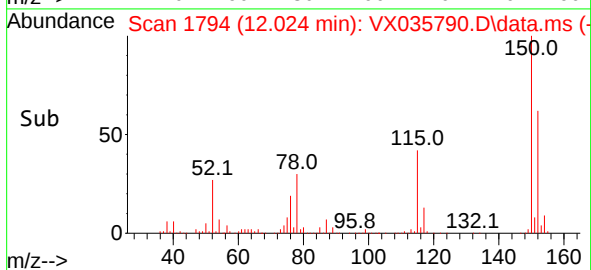
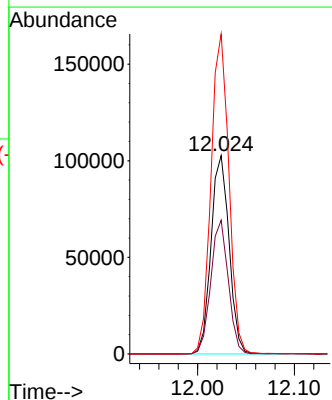
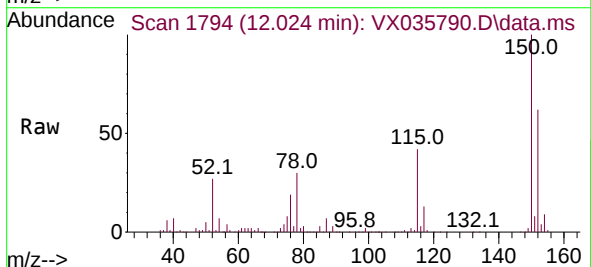
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-05-101-0512023

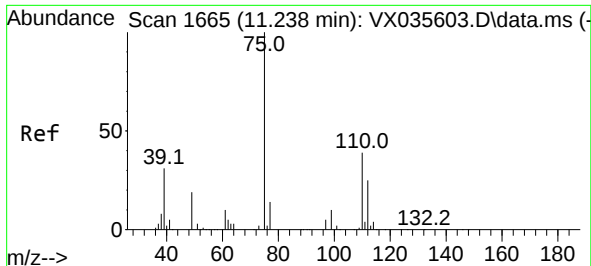
Tgt Ion:117 Resp: 308271
Ion Ratio Lower Upper
117 100
82 62.5 45.0 67.4
119 33.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035790.D
Acq: 22 May 2023 17:22

Tgt Ion:152 Resp: 133489
Ion Ratio Lower Upper
152 100
115 65.4 45.0 135.0
150 159.8 0.0 352.4

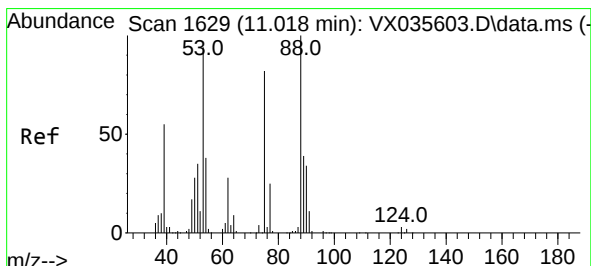
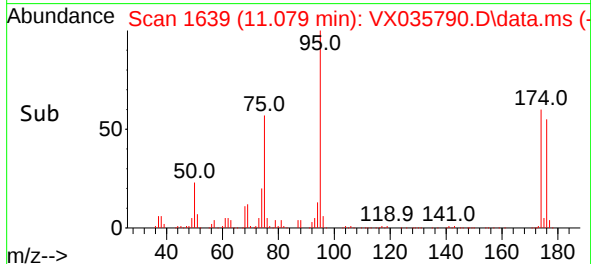
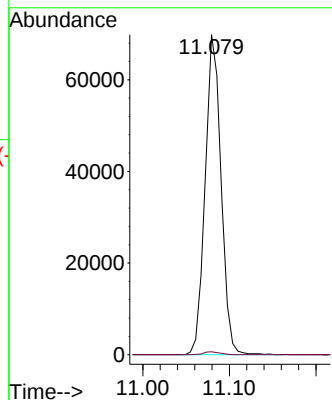
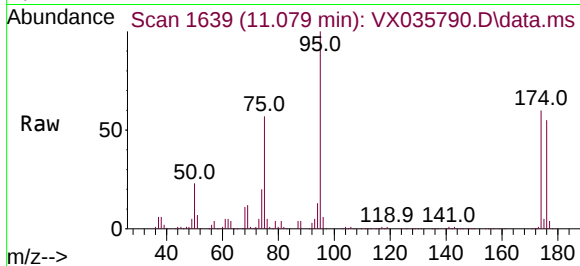




#76
1,2,3-Trichloropropane
Concen: 27.284 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035790.D
Acq: 22 May 2023 17:22

Instrument : MSVOA_X
ClientSampleId : FSND-PRO-05-101-0512023

Tgt Ion: 75 Resp: 89088
Ion Ratio Lower Upper
75 100
77 0.9 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.933 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035790.D
Acq: 22 May 2023 17:22

Tgt Ion: 75 Resp: 89088
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

