

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051523\
 Data File : VX035661.D
 Acq On : 15 May 2023 13:40
 Operator : JC/MD
 Sample : 02751-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-01-99-05062023

Quant Time: May 16 04:58:21 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)

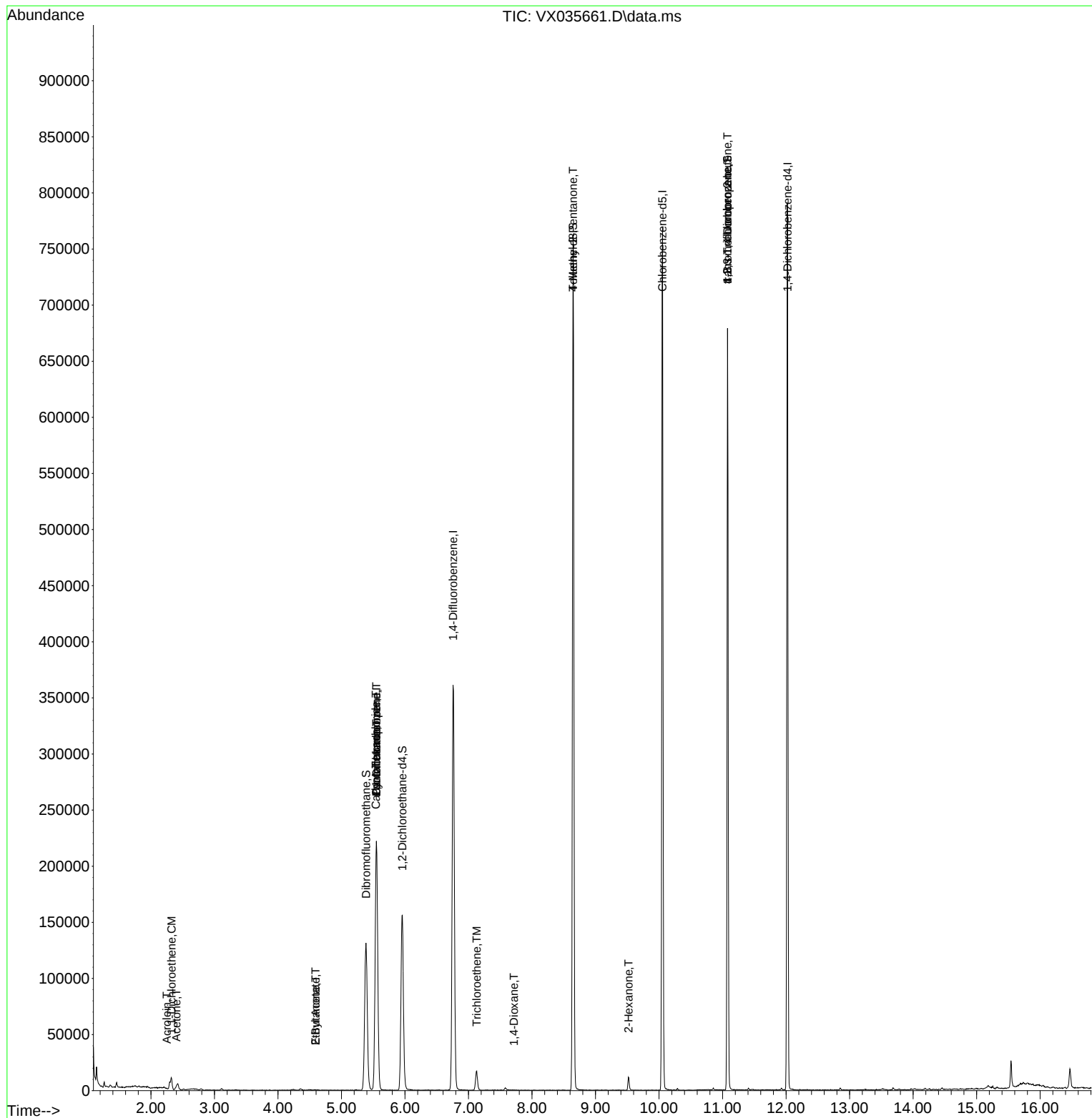
Internal Standards						
1) Pentafluorobenzene	5.550	168	190072	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	348834	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	321697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160441	48.386	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.780%
35) Dibromofluoromethane	5.385	113	114493	48.668	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.340%
50) Toluene-d8	8.647	98	422617	48.628	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.260%
62) 4-Bromofluorobenzene	11.079	95	177659	50.770	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.540%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.325	96	2827	1.336	ug/l	92
13) Acrolein	2.252	56	233	0.336	ug/l	# 71
16) Acetone	2.398	43	4966	3.485	ug/l	99
25) 2-Butanone	4.593	43	818	0.415	ug/l	# 51
31) Cyclohexane	5.550	56	5293	1.263	ug/l	# 18
36) 1,1-Dichloropropene	5.550	75	17740	4.777	ug/l	# 51
37) Ethyl Acetate	4.593	43	818	0.211	ug/l	# 70
38) Carbon Tetrachloride	5.544	117	21574	6.133	ug/l	# 16
44) Trichloroethene	7.129	130	6364	2.416	ug/l	85
49) 1,4-Dioxane	7.714	88	125	3.691	ug/l	# 64
51) 4-Methyl-2-Pentanone	8.647	43	2448	0.629	ug/l	# 1
59) 2-Hexanone	9.519	43	1890	0.645	ug/l	# 46
76) 1,2,3-Trichloropropane	11.079	75	97750	26.770	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	97750	86.277	ug/l	# 8

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

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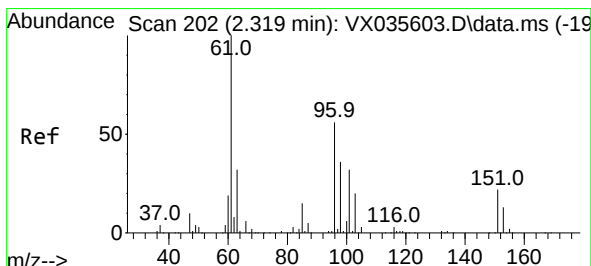
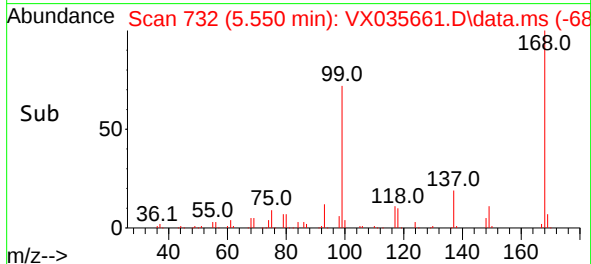
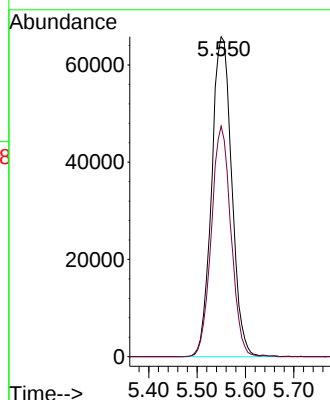
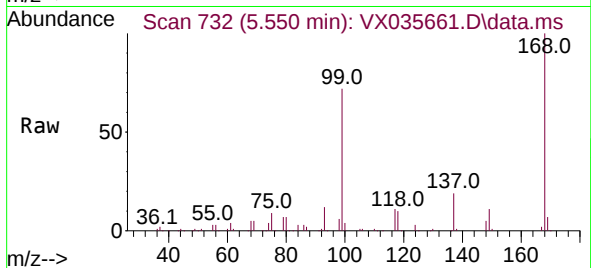




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035661.D
Acq: 15 May 2023 13:40

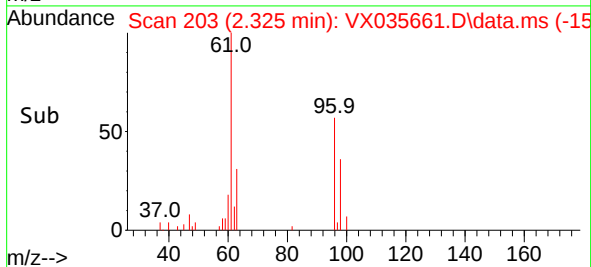
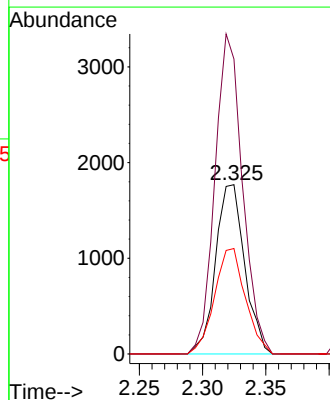
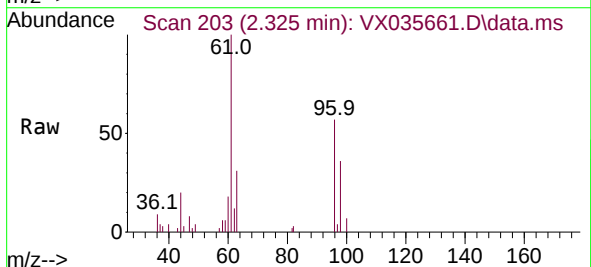
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-01-99-05062023

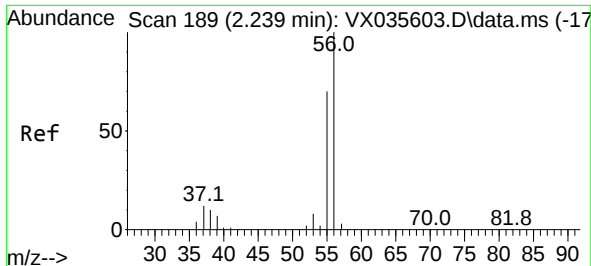
Tgt Ion:168 Resp: 190072
Ion Ratio Lower Upper
168 100
99 72.0 45.7 68.5#



#12
1,1-Dichloroethene
Concen: 1.336 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX035661.D
Acq: 15 May 2023 13:40

Tgt Ion: 96 Resp: 2827
Ion Ratio Lower Upper
96 100
61 174.1 128.8 193.2
98 62.3 51.4 77.0

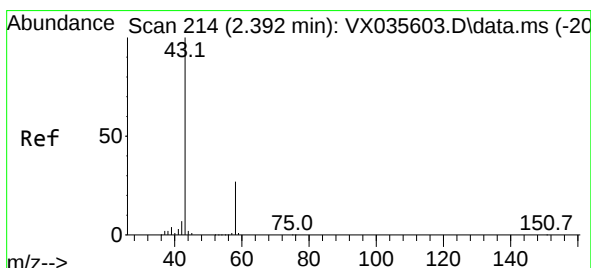
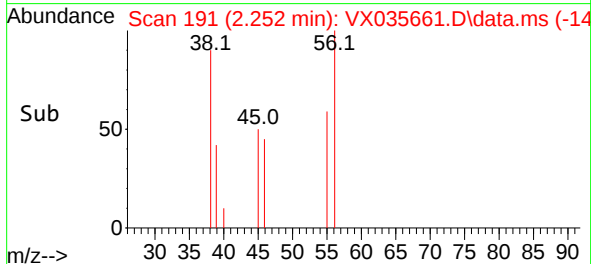
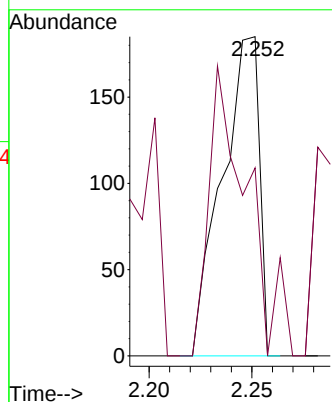
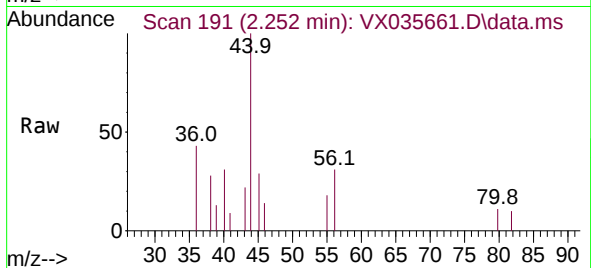




#13
Acrolein
Concen: 0.336 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.013 min
Lab File: VX035661.D
Acq: 15 May 2023 13:40

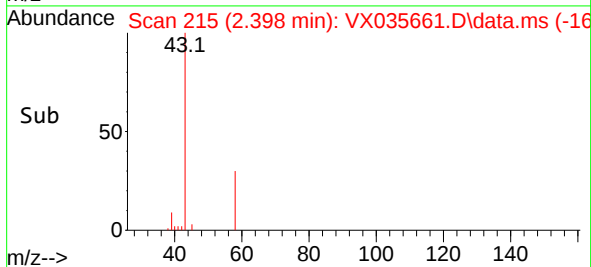
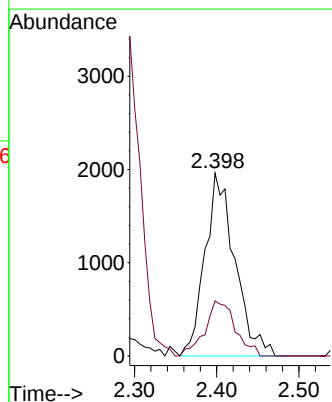
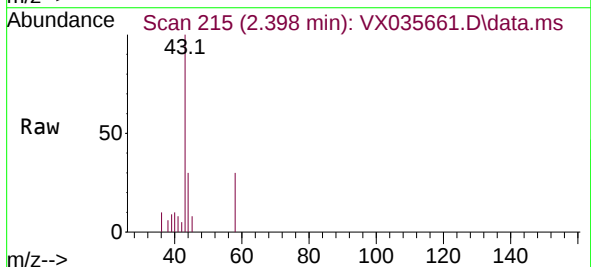
Instrument :
MSVOA_X
ClientSampleId :
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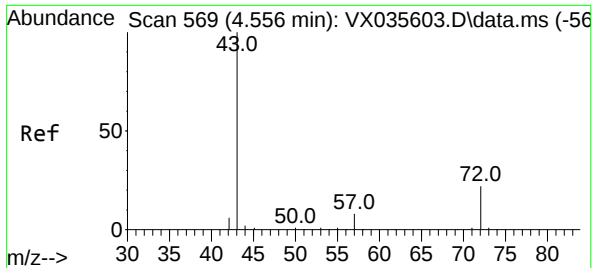
Tgt Ion: 56 Resp: 233
Ion Ratio Lower Upper
56 100
55 94.8 56.6 85.0#



#16
Acetone
Concen: 3.485 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX035661.D
Acq: 15 May 2023 13:40

Tgt Ion: 43 Resp: 4966
Ion Ratio Lower Upper
43 100
58 30.1 24.7 37.1

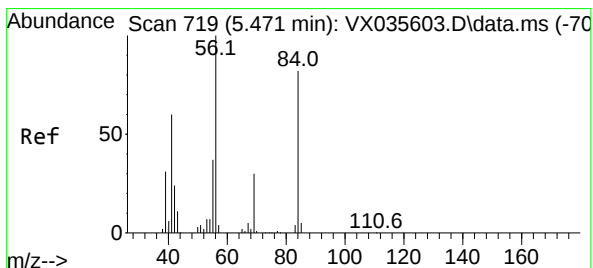
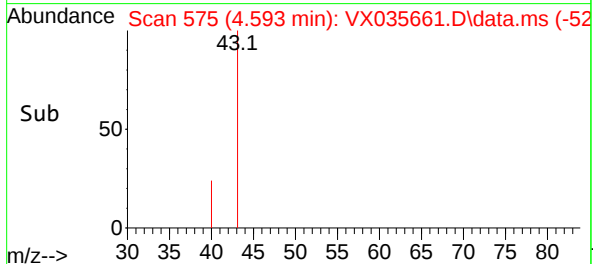
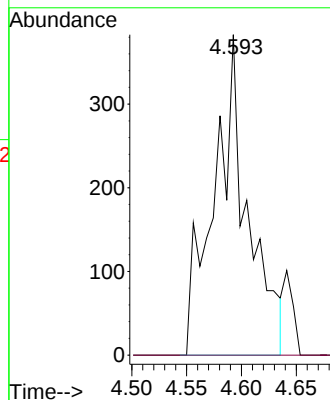
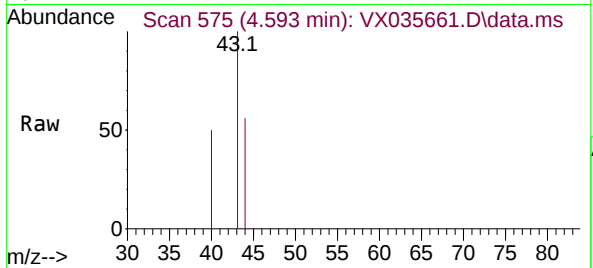




#25
2-Butanone
Concen: 0.415 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX035661.D
Acq: 15 May 2023 13:40

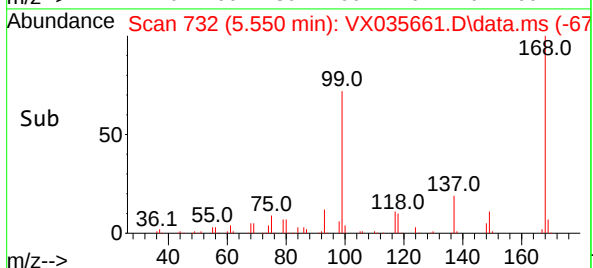
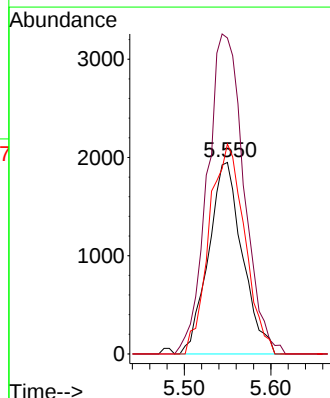
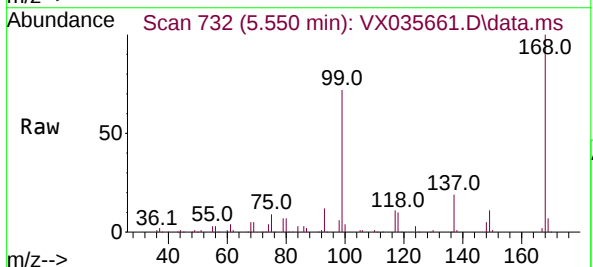
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-01-99-05062023

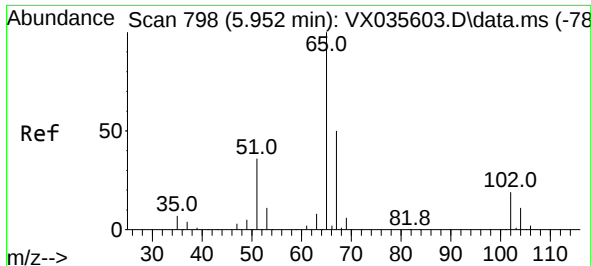
Tgt Ion: 43 Resp: 818
Ion Ratio Lower Upper
43 100
72 0.0 19.3 28.9#



#31
Cyclohexane
Concen: 1.263 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX035661.D
Acq: 15 May 2023 13:40

Tgt Ion: 56 Resp: 5293
Ion Ratio Lower Upper
56 100
69 161.1 23.7 35.5#
84 109.6 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 48.386 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX035661.D

Acq: 15 May 2023 13:40

Instrument :

MSVOA_X

ClientSampleId :

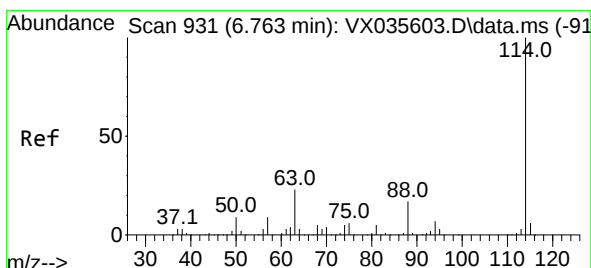
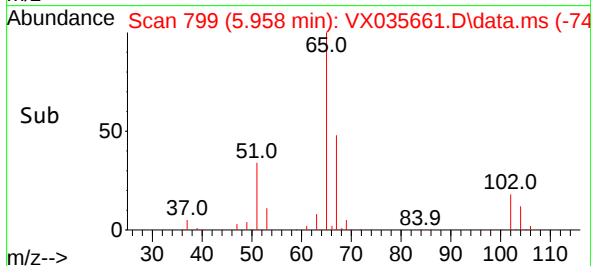
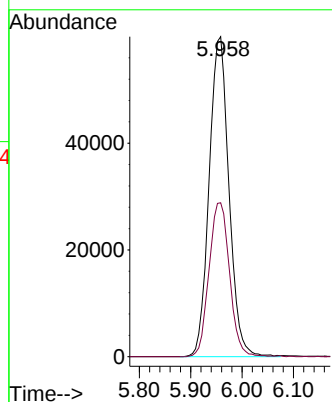
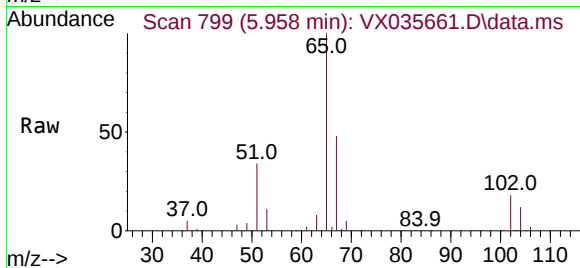
FSND-PRO-01-99-05062023

Tgt Ion: 65 Resp: 160441

Ion Ratio Lower Upper

65 100

67 49.8 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035661.D

Acq: 15 May 2023 13:40

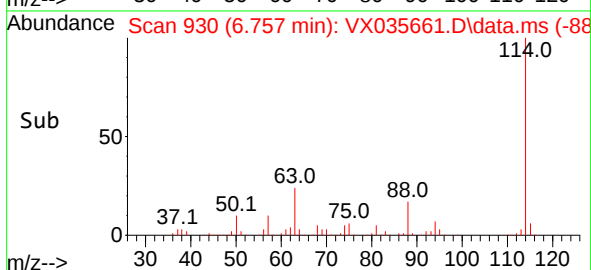
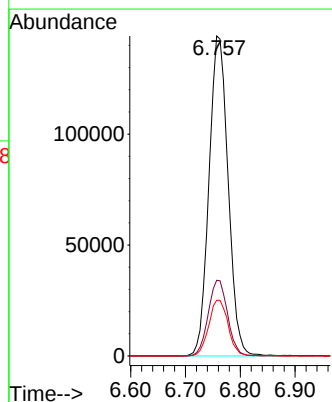
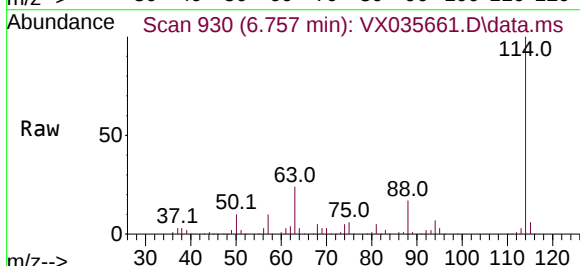
Tgt Ion: 114 Resp: 348834

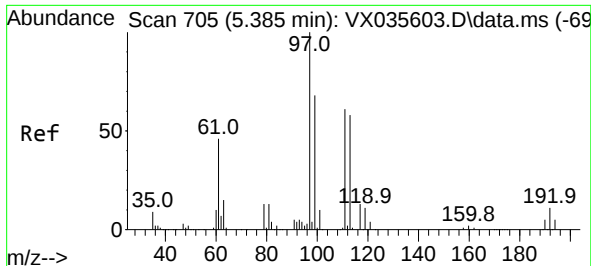
Ion Ratio Lower Upper

114 100

63 23.6 0.0 42.2

88 17.4 0.0 33.2

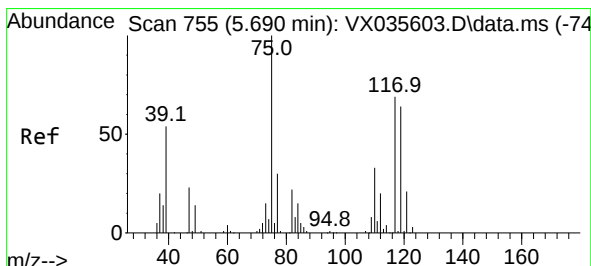
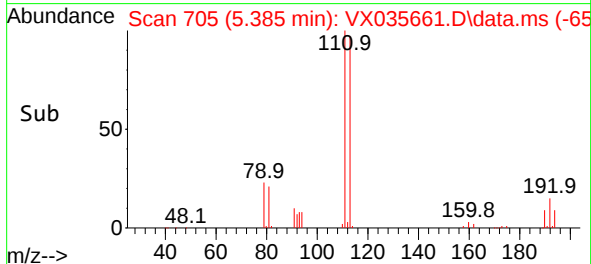
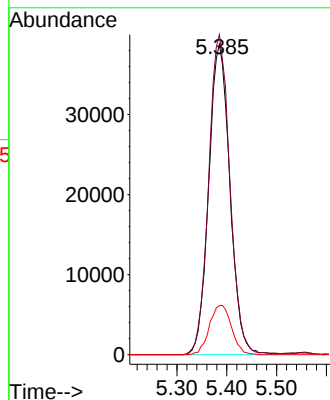
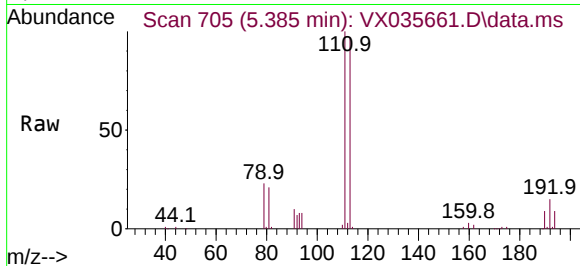




#35
Dibromofluoromethane
Concen: 48.668 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035661.D
Acq: 15 May 2023 13:40

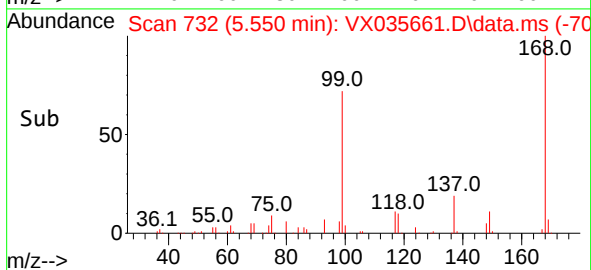
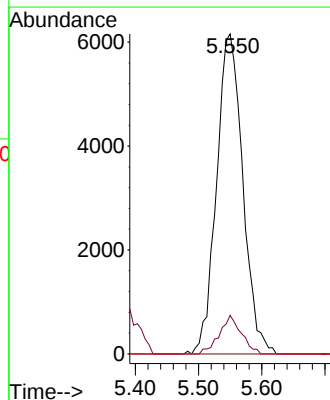
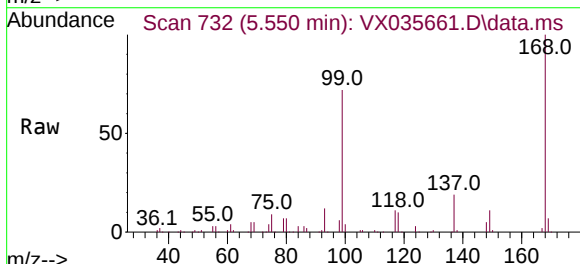
Instrument :
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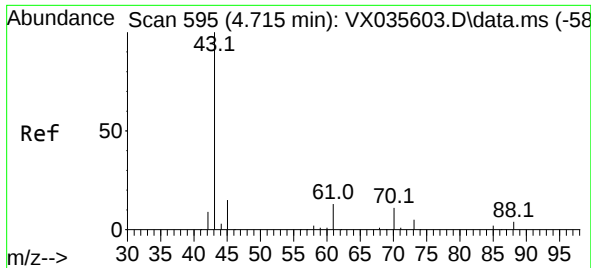
Tgt Ion:113 Resp: 114493
Ion Ratio Lower Upper
113 100
111 103.2 83.7 125.5
192 16.6 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.777 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035661.D
Acq: 15 May 2023 13:40

Tgt Ion: 75 Resp: 17740
Ion Ratio Lower Upper
75 100
110 10.1 17.5 52.5#
77 0.0 24.3 36.5#





#37

Ethyl Acetate

Concen: 0.211 ug/l

RT: 4.593 min Scan# 51

Delta R.T. -0.122 min

Lab File: VX035661.D

Acq: 15 May 2023 13:40

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-01-99-05062023

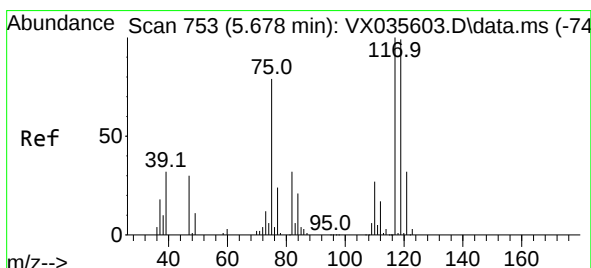
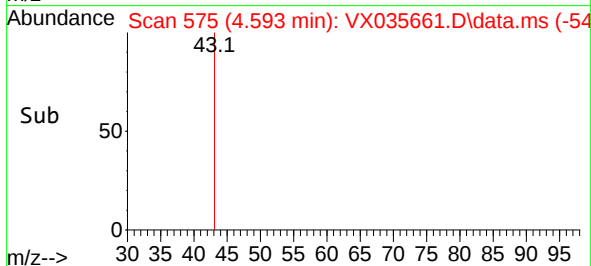
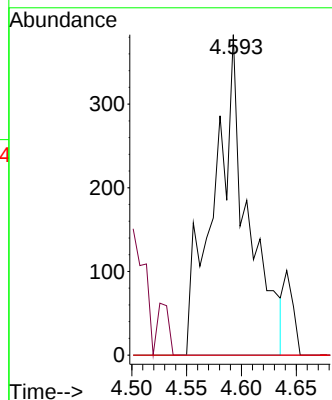
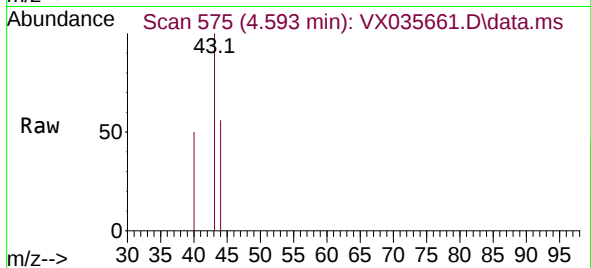
Tgt Ion: 43 Resp: 818

Ion Ratio Lower Upper

43 100

61 0.0 10.2 15.4#

70 0.0 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 6.133 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.134 min

Lab File: VX035661.D

Acq: 15 May 2023 13:40

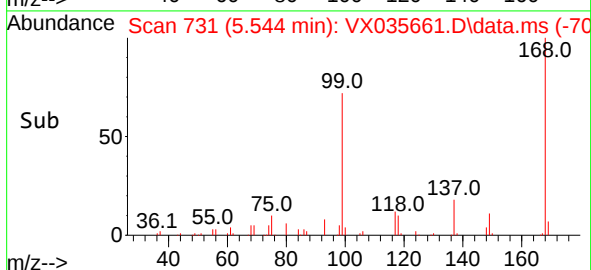
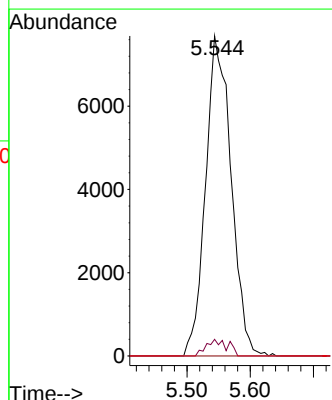
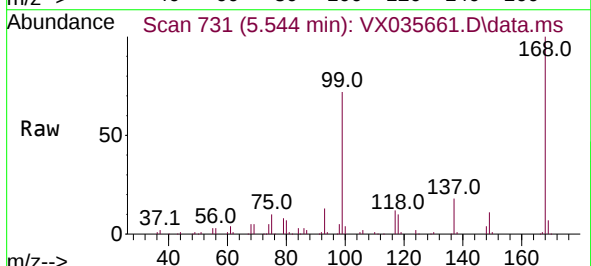
Tgt Ion: 117 Resp: 21574

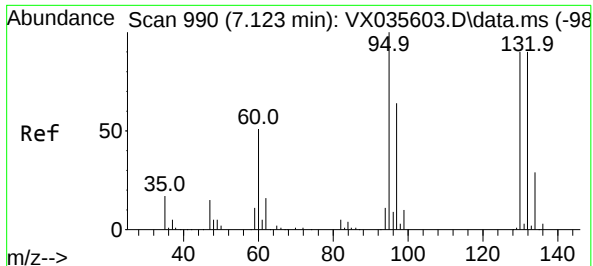
Ion Ratio Lower Upper

117 100

119 5.2 76.6 114.8#

121 0.0 23.8 35.6#

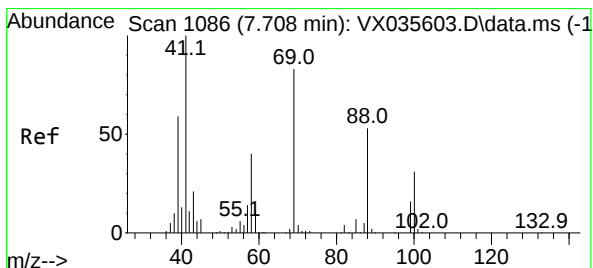
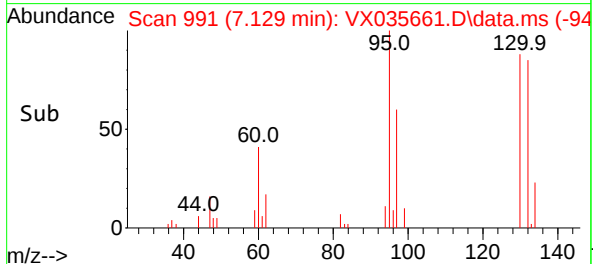
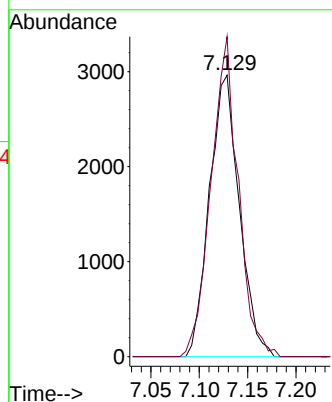
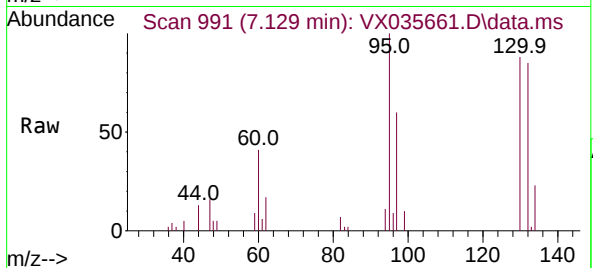




#44
Trichloroethene
Concen: 2.416 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX035661.D
Acq: 15 May 2023 13:40

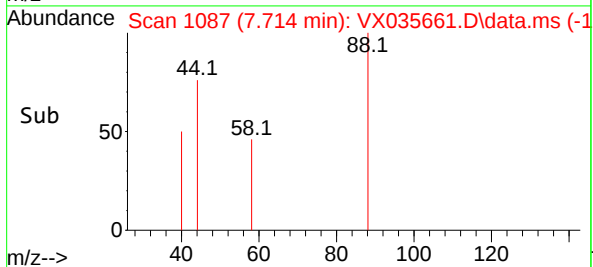
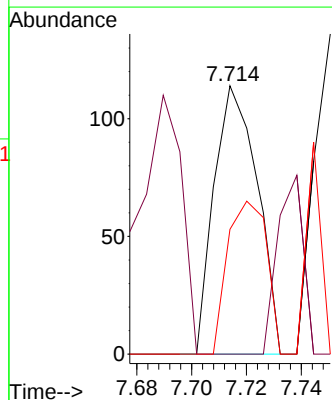
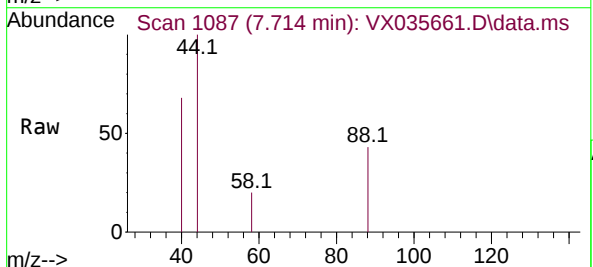
Instrument :
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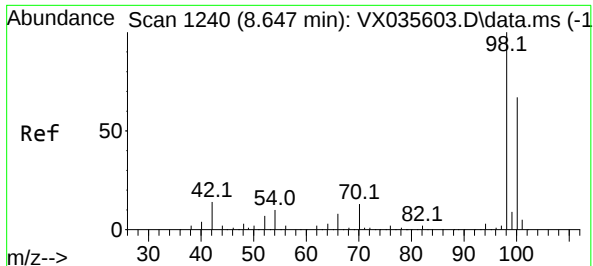
Tgt Ion:130 Resp: 6364
Ion Ratio Lower Upper
130 100
95 113.7 0.0 198.4



#49
1,4-Dioxane
Concen: 3.691 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VX035661.D
Acq: 15 May 2023 13:40

Tgt Ion: 88 Resp: 125
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 51.2 56.8 85.2#

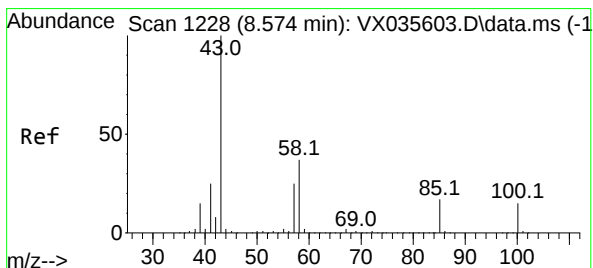
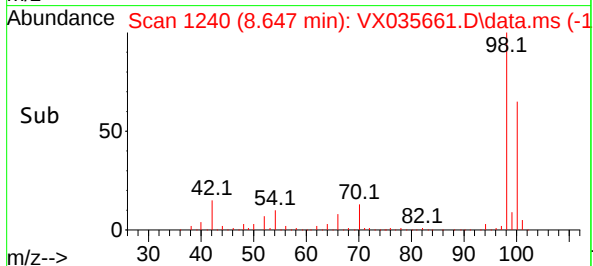
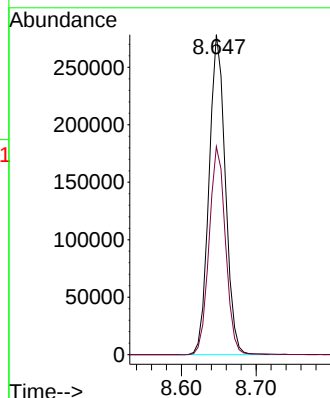
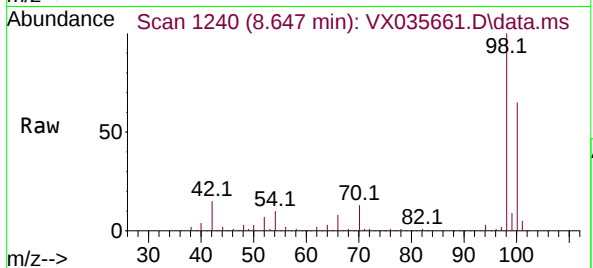




#50
Toluene-d8
Concen: 48.628 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035661.D
Acq: 15 May 2023 13:40

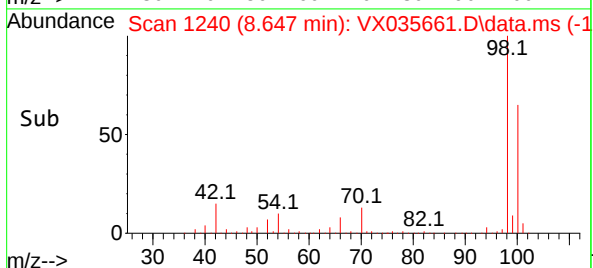
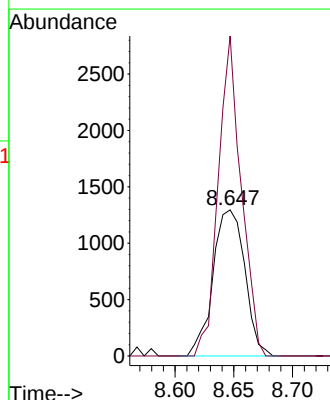
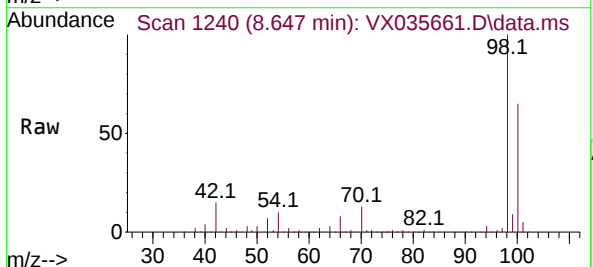
Instrument : MSVOA_X
ClientSampleId : FSND-PRO-01-99-05062023

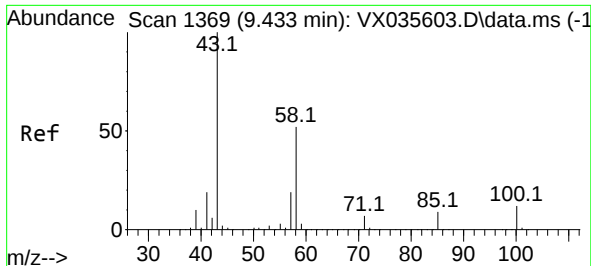
Tgt Ion: 98 Resp: 422617
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.629 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX035661.D
Acq: 15 May 2023 13:40

Tgt Ion: 43 Resp: 2448
Ion Ratio Lower Upper
43 100
58 158.0 30.6 46.0#





#59

2-Hexanone

Concen: 0.645 ug/l

RT: 9.519 min Scan# 11

Delta R.T. 0.086 min

Lab File: VX035661.D

Acq: 15 May 2023 13:40

Instrument :

MSVOA_X

ClientSampleId :

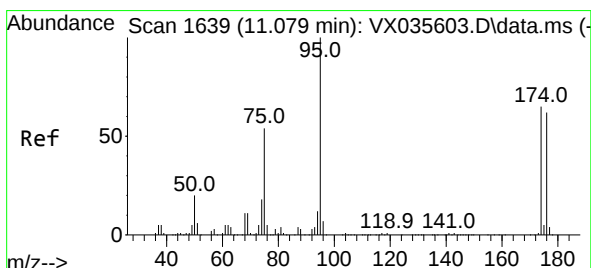
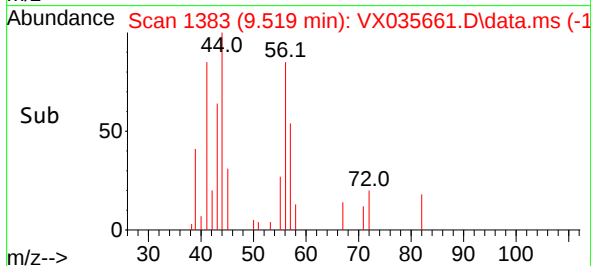
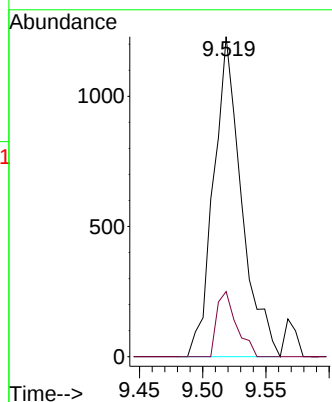
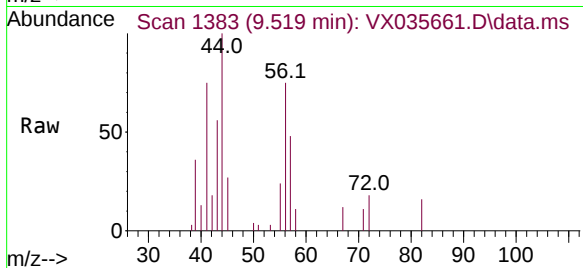
FSND-PRO-01-99-05062023

Tgt Ion: 43 Resp: 1890

Ion Ratio Lower Upper

43 100

58 14.2 26.3 78.9#



#62

4-Bromofluorobenzene

Concen: 50.770 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035661.D

Acq: 15 May 2023 13:40

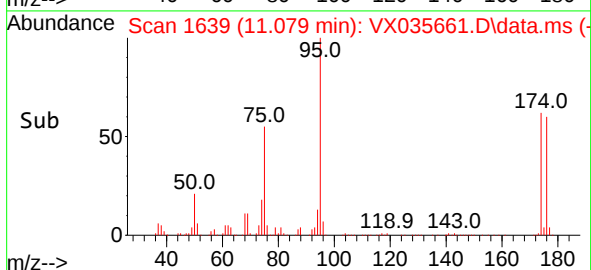
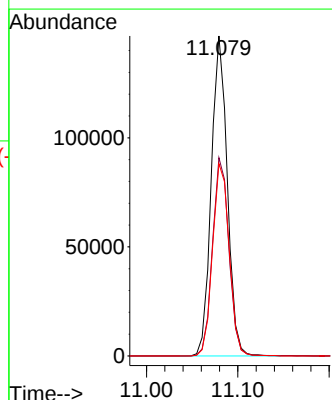
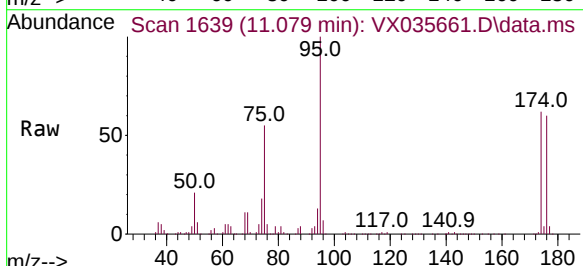
Tgt Ion: 95 Resp: 177659

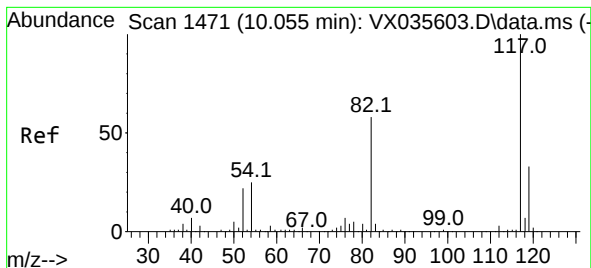
Ion Ratio Lower Upper

95 100

174 63.6 0.0 147.4

176 62.6 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: VX035661.D

Acq: 15 May 2023 13:40

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-01-99-05062023

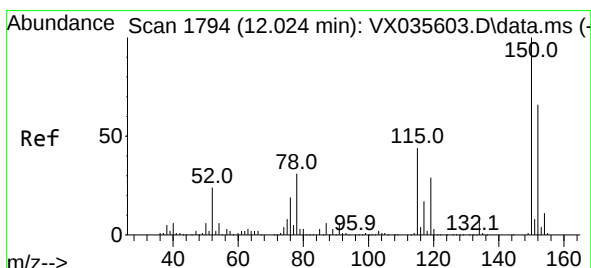
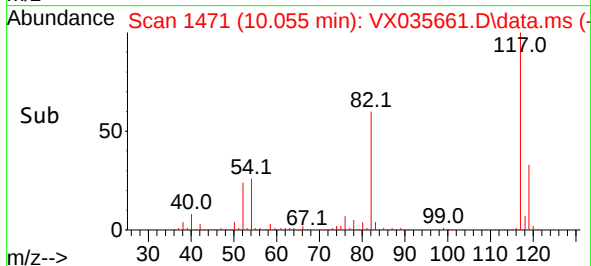
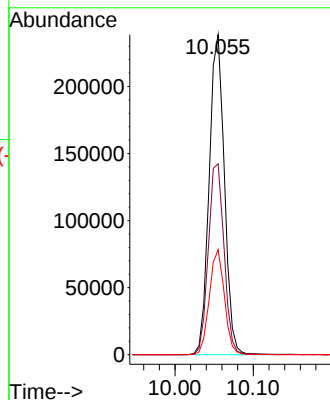
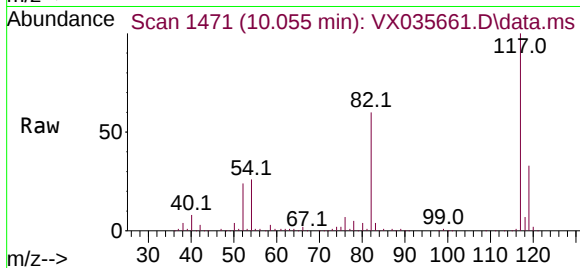
Tgt Ion:117 Resp: 321697

Ion Ratio Lower Upper

117 100

82 59.6 45.0 67.4

119 32.8 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: VX035661.D

Acq: 15 May 2023 13:40

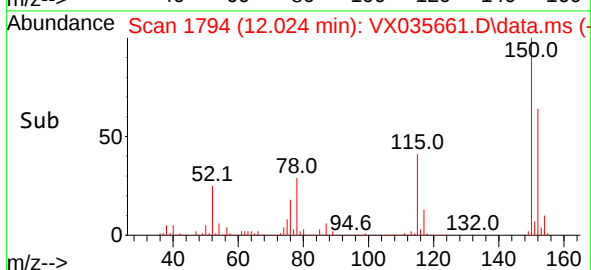
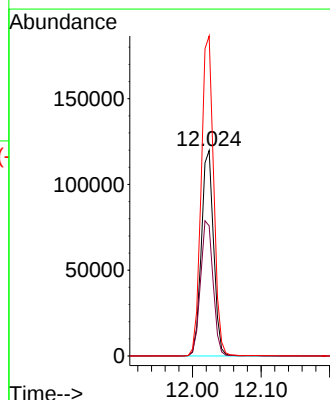
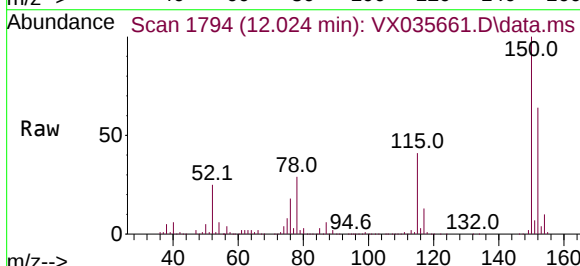
Tgt Ion:152 Resp: 149279

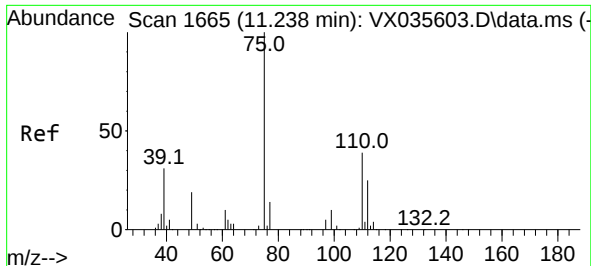
Ion Ratio Lower Upper

152 100

115 67.5 45.0 135.0

150 158.4 0.0 352.4

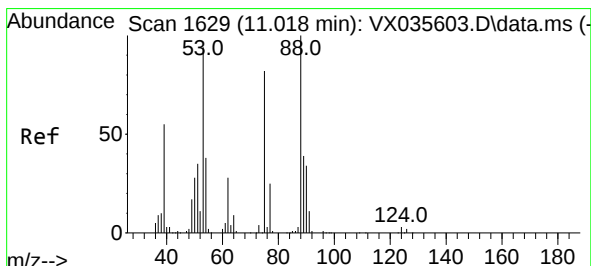
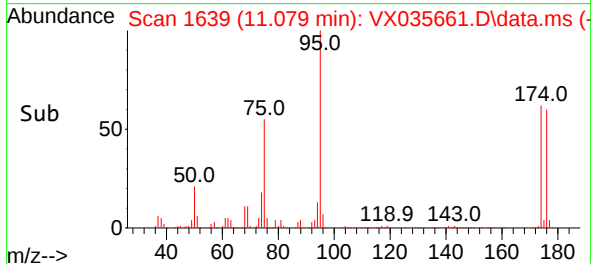
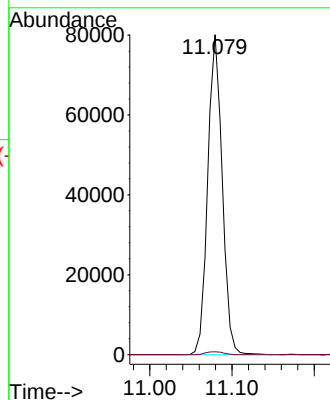
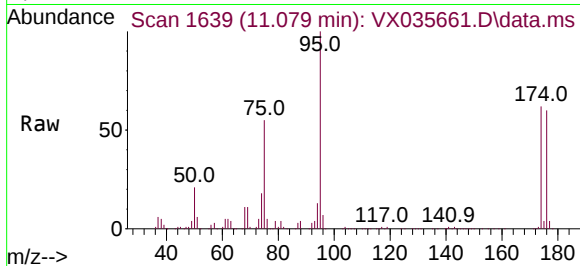




#76
1,2,3-Trichloropropane
Concen: 26.770 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035661.D
Acq: 15 May 2023 13:40

Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-01-99-05062023

Tgt Ion: 75 Resp: 97750
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.277 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035661.D
Acq: 15 May 2023 13:40

Tgt Ion: 75 Resp: 97750
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

