

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051623\
 Data File : VX035691.D
 Acq On : 16 May 2023 15:16
 Operator : JC/MD
 Sample : 02751-07RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-02-81-05082023

Quant Time: May 17 05:31:05 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)

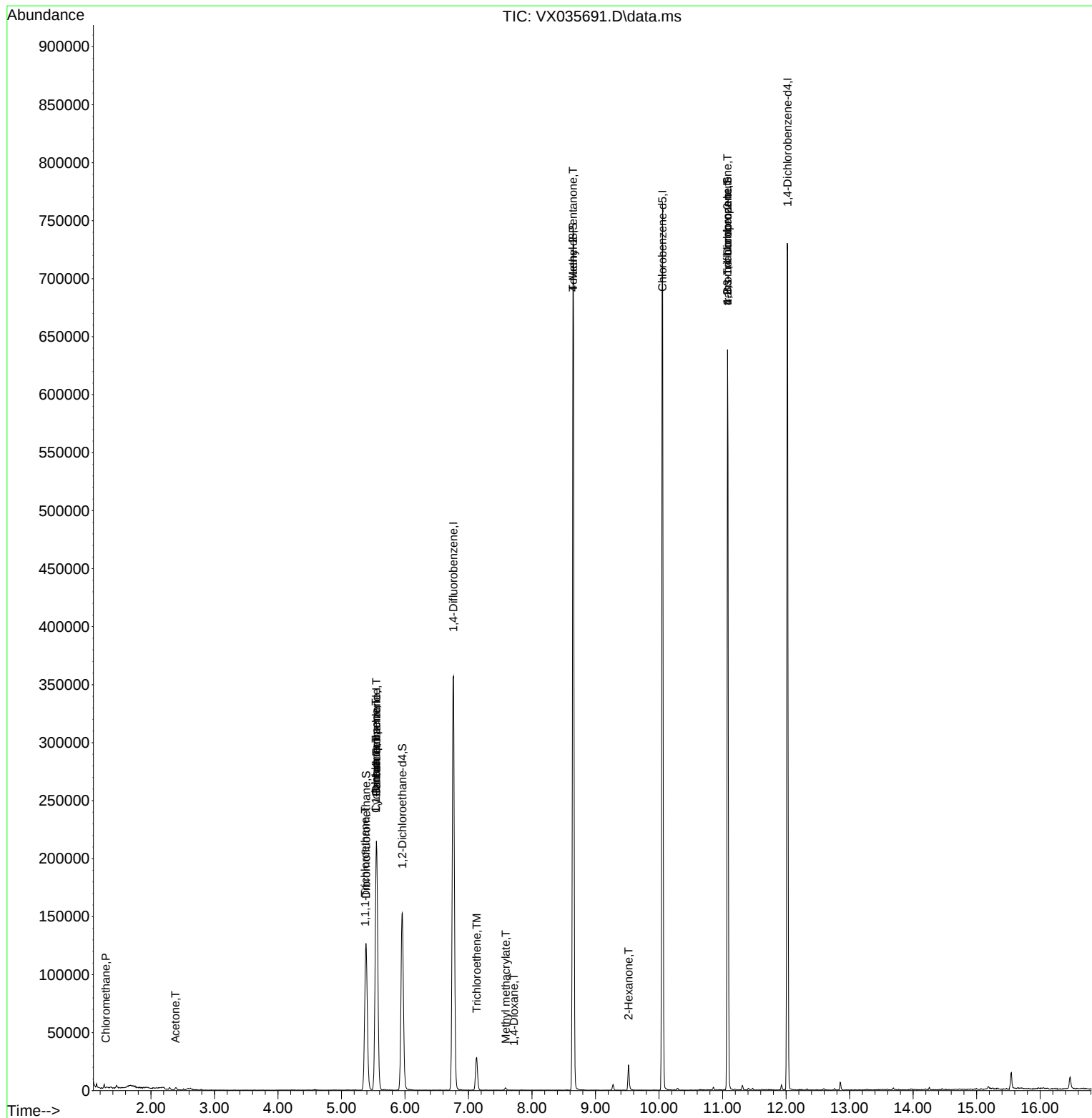
Internal Standards						
1) Pentafluorobenzene	5.550	168	184353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	341810	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	312656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156290	48.596	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.200%
35) Dibromofluoromethane	5.385	113	109509	47.506	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.020%
50) Toluene-d8	8.647	98	409409	48.076	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.160%
62) 4-Bromofluorobenzene	11.079	95	169367	49.395	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.780%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	620	0.213	ug/l	96
16) Acetone	2.386	43	2521	1.824	ug/l #	73
31) Cyclohexane	5.544	56	4958	1.220	ug/l #	36
32) 1,1,1-Trichloroethane	5.373	97	1218	0.297	ug/l #	52
36) 1,1-Dichloropropene	5.544	75	17816	4.896	ug/l #	51
38) Carbon Tetrachloride	5.550	117	21107	6.124	ug/l #	15
44) Trichloroethene	7.129	130	10858	4.207	ug/l	96
48) Methyl methacrylate	7.586	41	733	0.224	ug/l #	42
49) 1,4-Dioxane	7.714	88	41	2.567	ug/l #	1
51) 4-Methyl-2-Pentanone	8.647	43	1977	0.519	ug/l #	1
59) 2-Hexanone	9.518	43	3398	1.183	ug/l #	49
76) 1,2,3-Trichloropropane	11.079	75	93261	27.228	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	93261	87.753	ug/l #	8

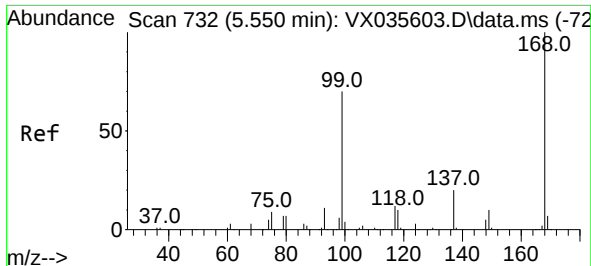
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

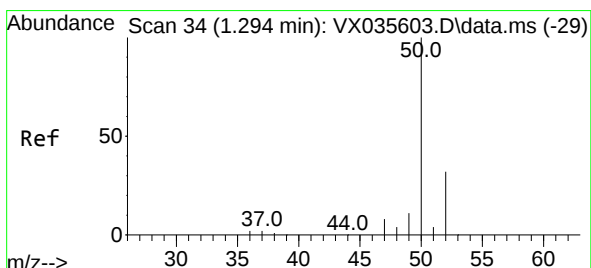
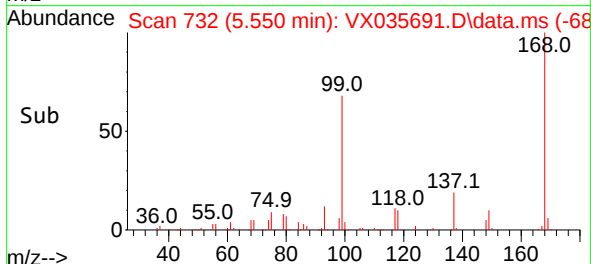
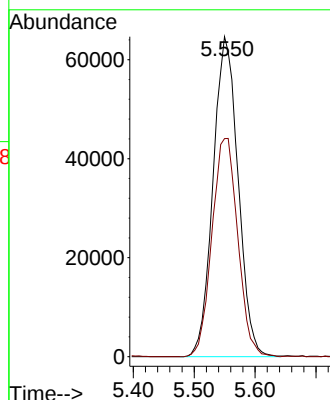
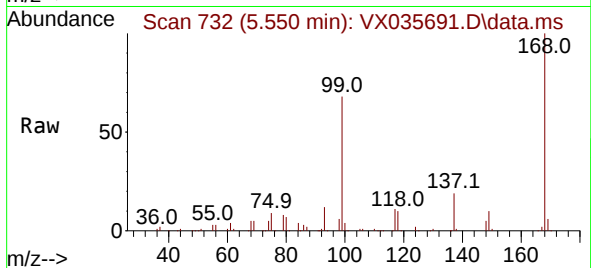




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035691.D
Acq: 16 May 2023 15:16

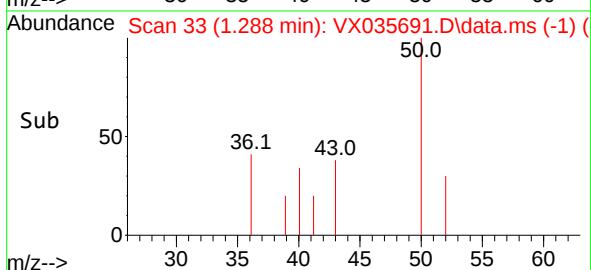
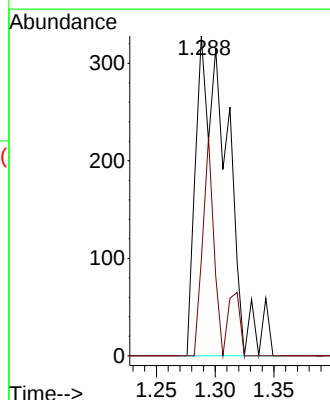
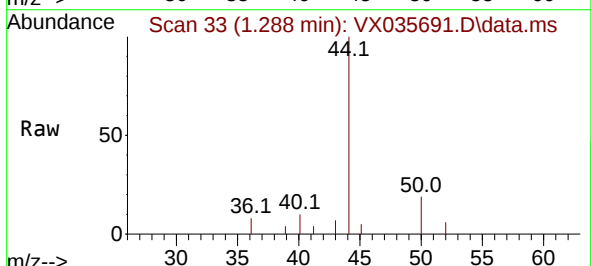
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-02-81-05082023

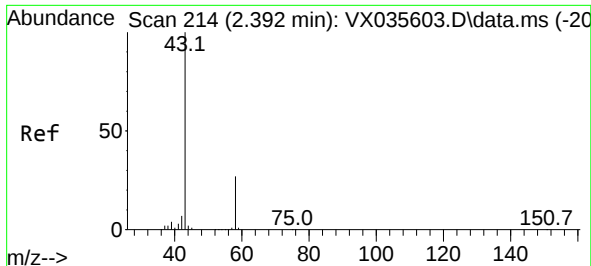
Tgt Ion:168 Resp: 184353
Ion Ratio Lower Upper
168 100
99 68.1 45.7 68.5



#3
Chloromethane
Concen: 0.213 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX035691.D
Acq: 16 May 2023 15:16

Tgt Ion: 50 Resp: 620
Ion Ratio Lower Upper
50 100
52 29.9 25.9 38.9

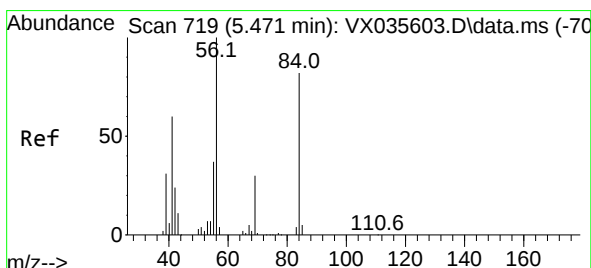
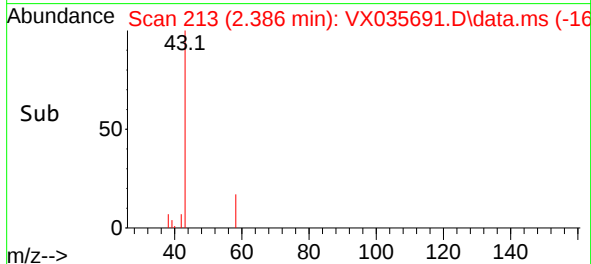
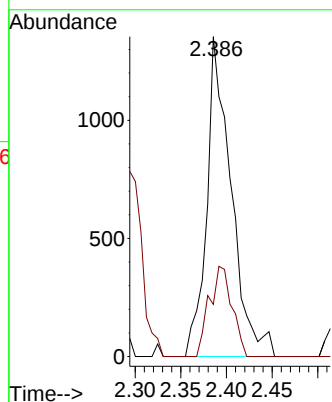
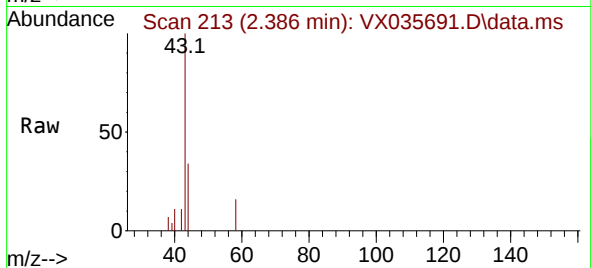




#16
Acetone
Concen: 1.824 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX035691.D
Acq: 16 May 2023 15:16

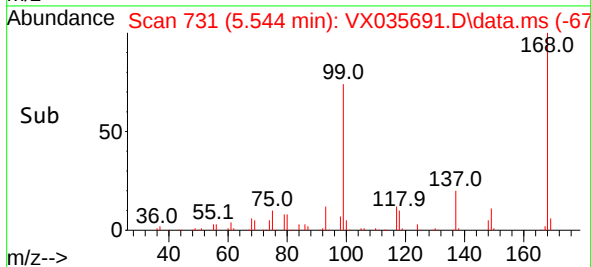
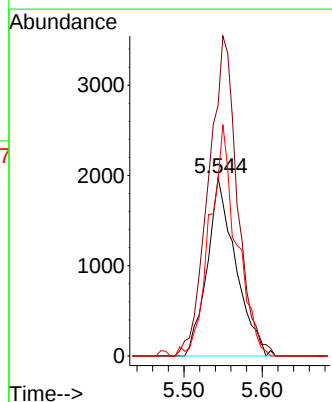
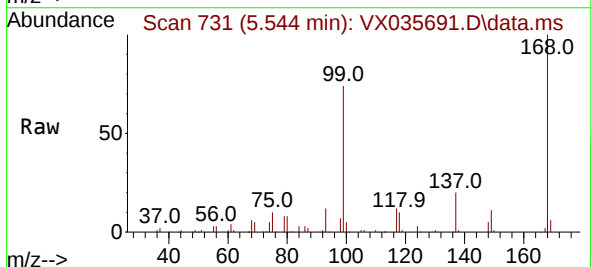
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-02-81-05082023

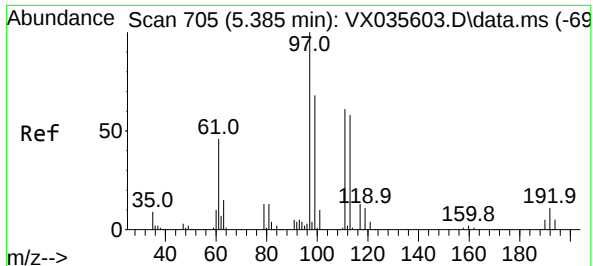
Tgt Ion: 43 Resp: 2521
Ion Ratio Lower Upper
43 100
58 16.3 24.7 37.1#



#31
Cyclohexane
Concen: 1.220 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX035691.D
Acq: 16 May 2023 15:16

Tgt Ion: 56 Resp: 4958
Ion Ratio Lower Upper
56 100
69 140.7 23.7 35.5#
84 98.8 68.5 102.7

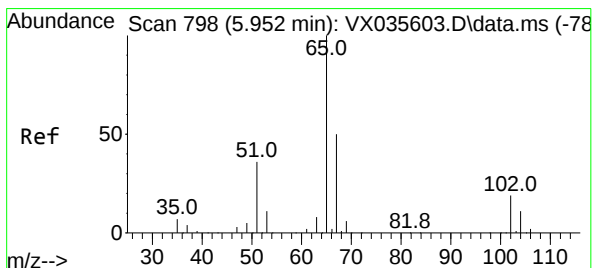
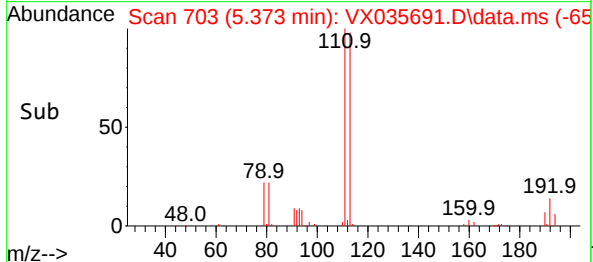
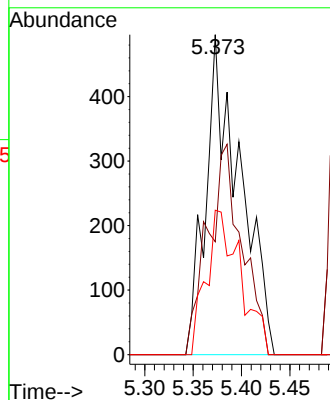
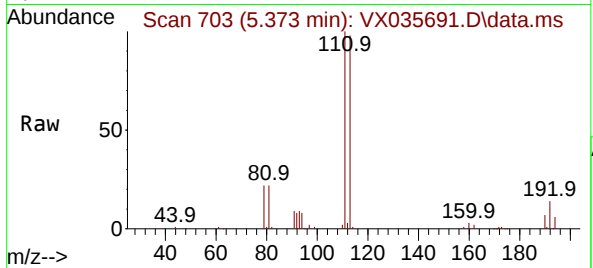




#32
1,1,1-Trichloroethane
Concen: 0.297 ug/l
RT: 5.373 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX035691.D
Acq: 16 May 2023 15:16

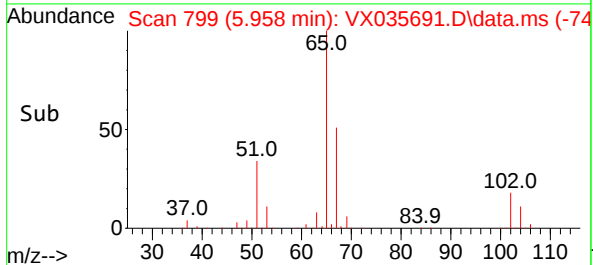
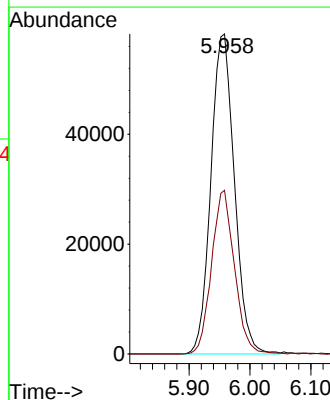
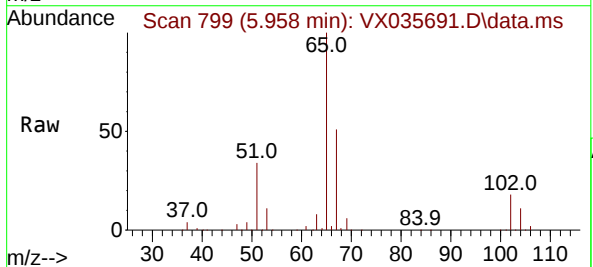
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-02-81-05082023

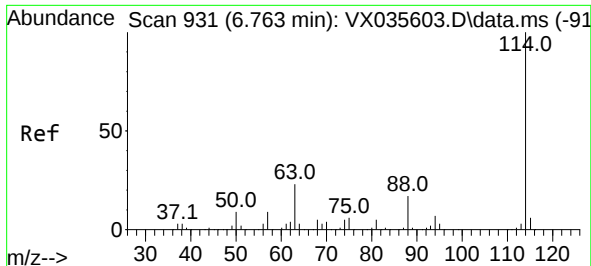
Tgt Ion: 97 Resp: 1218
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 45.1 36.5 54.7



#33
1,2-Dichloroethane-d4
Concen: 48.596 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX035691.D
Acq: 16 May 2023 15:16

Tgt Ion: 65 Resp: 156290
Ion Ratio Lower Upper
65 100
67 49.7 0.0 104.0

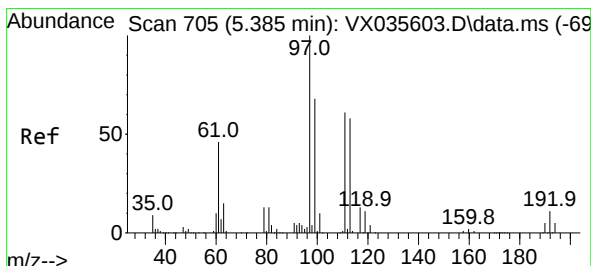
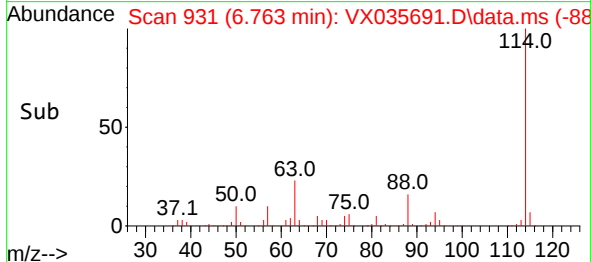
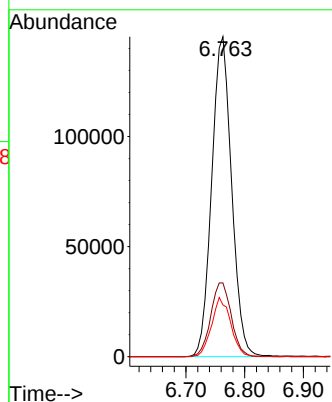
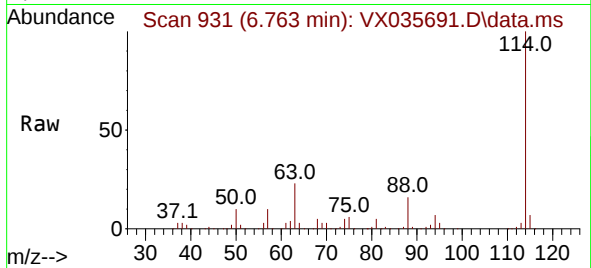




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035691.D
Acq: 16 May 2023 15:16

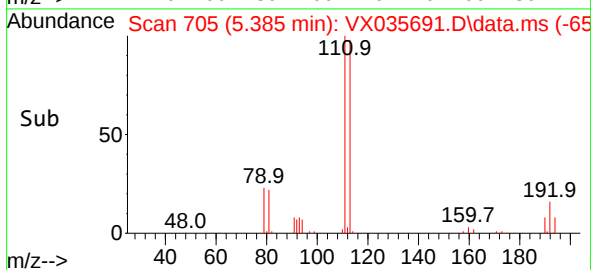
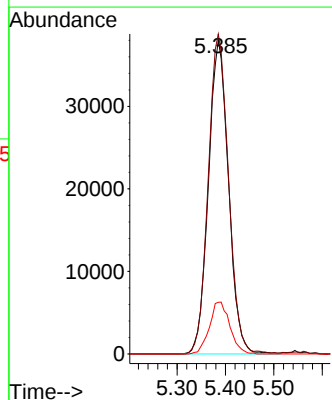
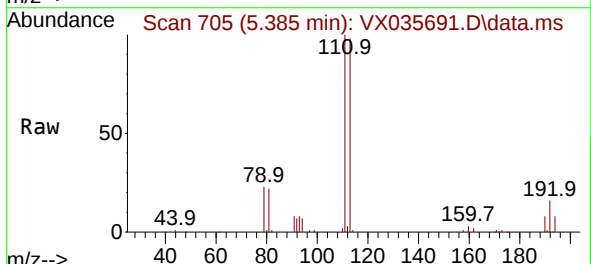
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-02-81-05082023

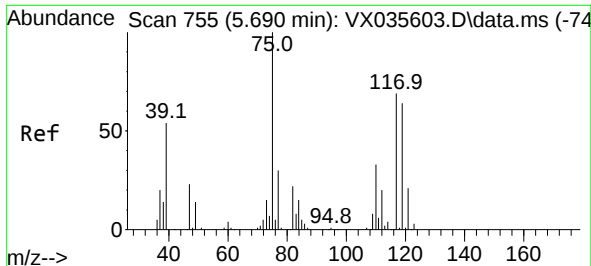
Tgt Ion:114 Resp: 341810
Ion Ratio Lower Upper
114 100
63 23.1 0.0 42.2
88 16.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.506 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035691.D
Acq: 16 May 2023 15:16

Tgt Ion:113 Resp: 109509
Ion Ratio Lower Upper
113 100
111 103.0 83.7 125.5
192 16.9 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.896 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX035691.D

Acq: 16 May 2023 15:16

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-02-81-05082023

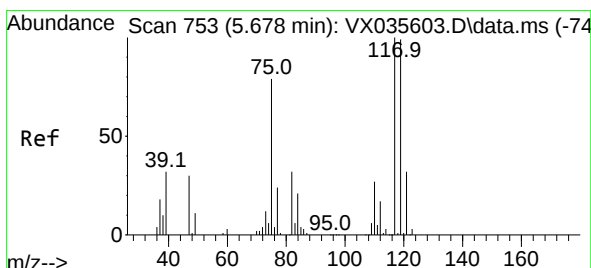
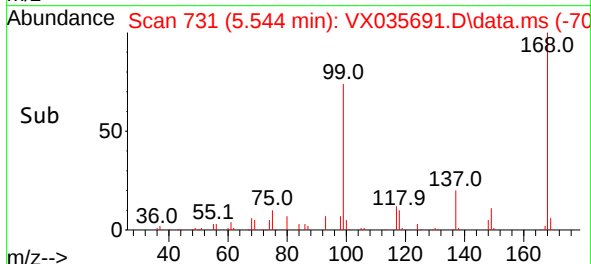
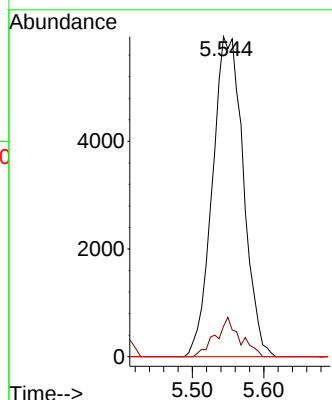
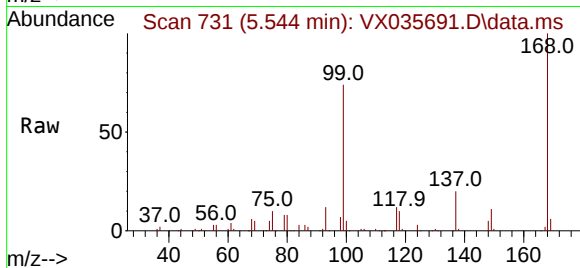
Tgt Ion: 75 Resp: 17816

Ion Ratio Lower Upper

75 100

110 9.7 17.5 52.5#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.124 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX035691.D

Acq: 16 May 2023 15:16

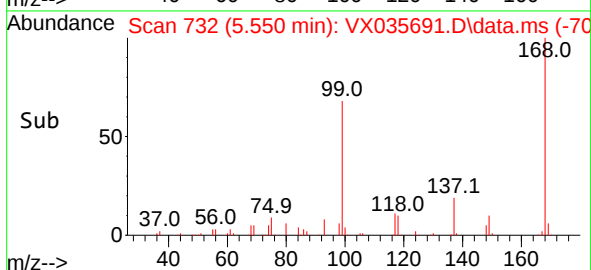
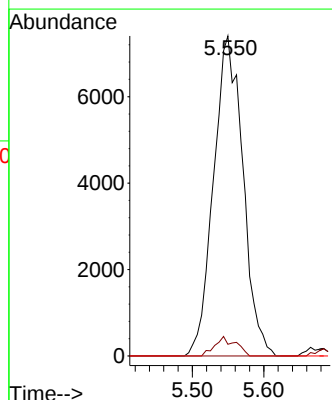
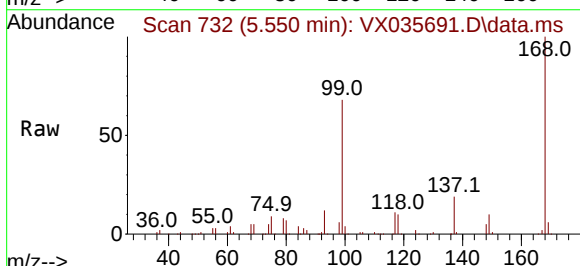
Tgt Ion: 117 Resp: 21107

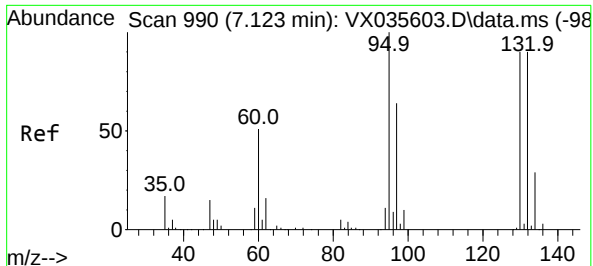
Ion Ratio Lower Upper

117 100

119 3.6 76.6 114.8#

121 0.0 23.8 35.6#

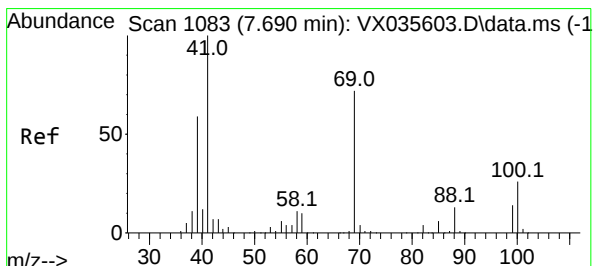
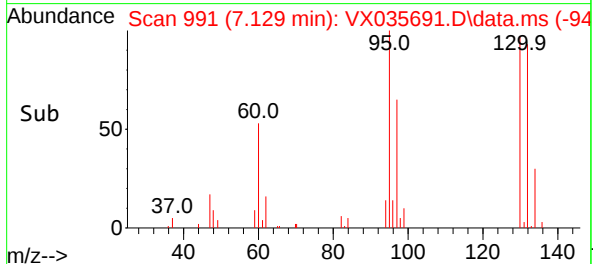
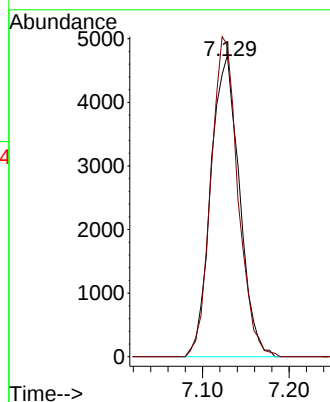
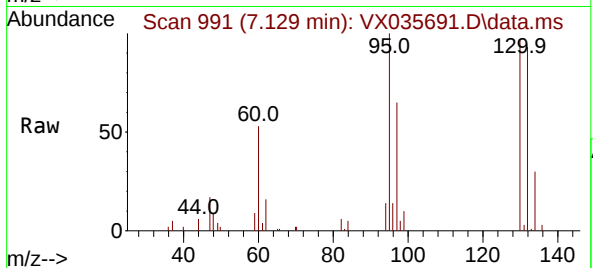




#44
Trichloroethene
Concen: 4.207 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX035691.D
Acq: 16 May 2023 15:16

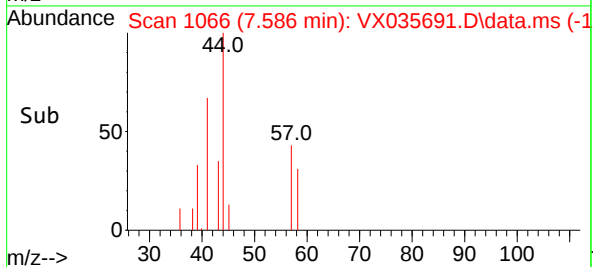
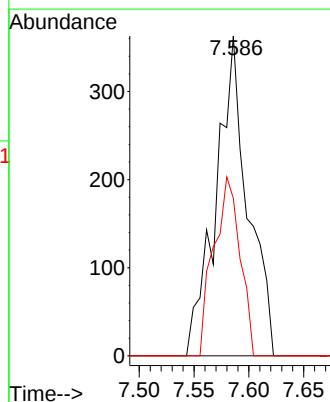
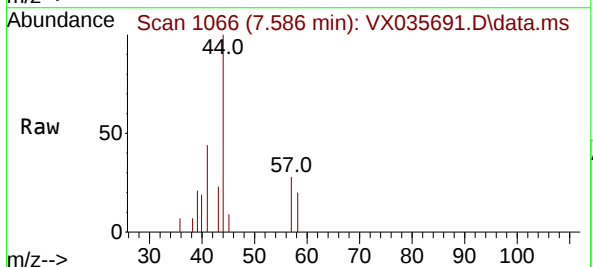
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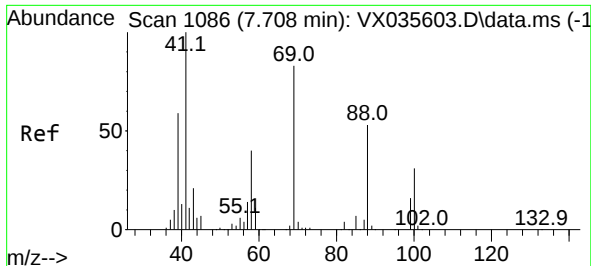
Tgt Ion:130 Resp: 10858
Ion Ratio Lower Upper
130 100
95 103.4 0.0 198.4



#48
Methyl methacrylate
Concen: 0.224 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.104 min
Lab File: VX035691.D
Acq: 16 May 2023 15:16

Tgt Ion: 41 Resp: 733
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 46.2 47.7 71.5#





#49

1,4-Dioxane

Concen: 2.567 ug/l

RT: 7.714 min Scan# 1086

Delta R.T. 0.006 min

Lab File: VX035691.D

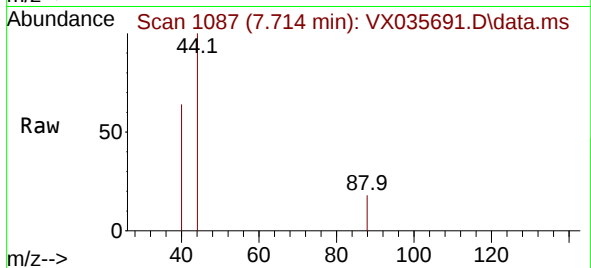
Acq: 16 May 2023 15:16

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-02-81-05082023



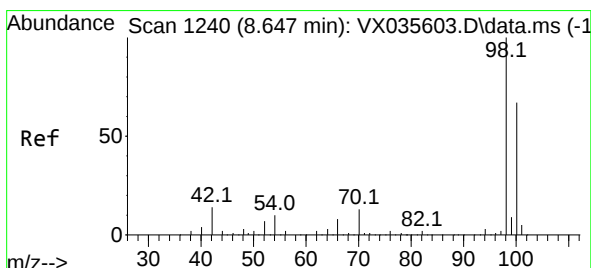
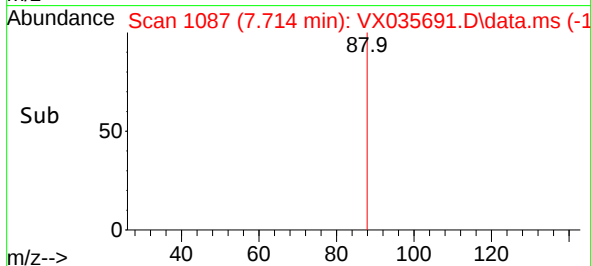
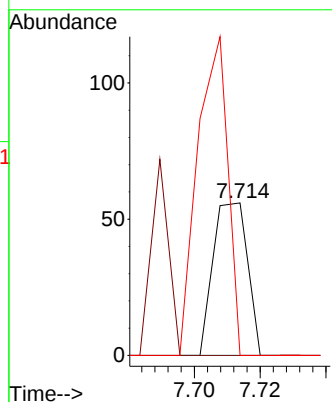
Tgt Ion: 88 Resp: 41

Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

58 182.9 56.8 85.2#



#50

Toluene-d8

Concen: 48.076 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035691.D

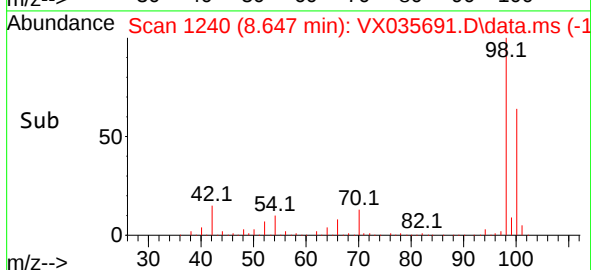
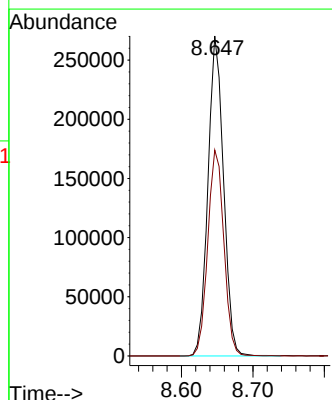
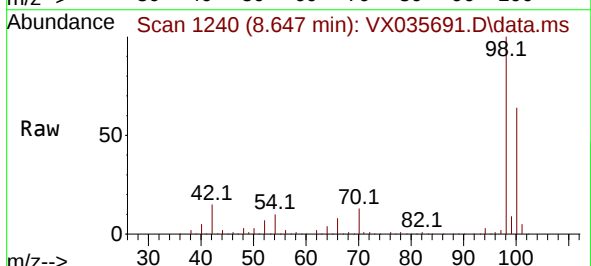
Acq: 16 May 2023 15:16

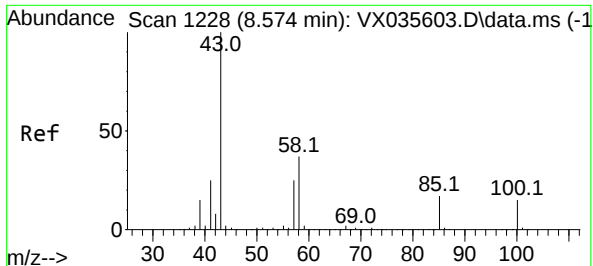
Tgt Ion: 98 Resp: 409409

Ion Ratio Lower Upper

98 100

100 66.5 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.519 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX035691.D

Acq: 16 May 2023 15:16

Instrument :

MSVOA_X

ClientSampleId :

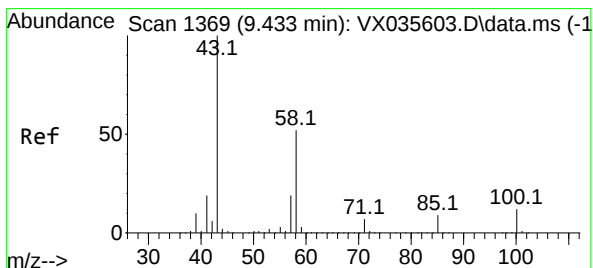
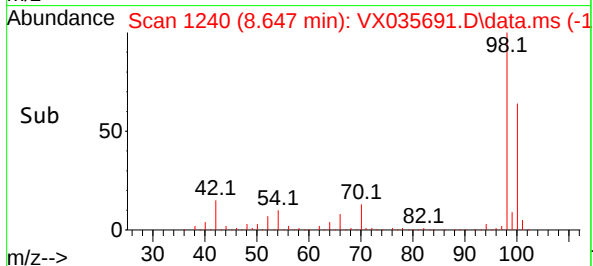
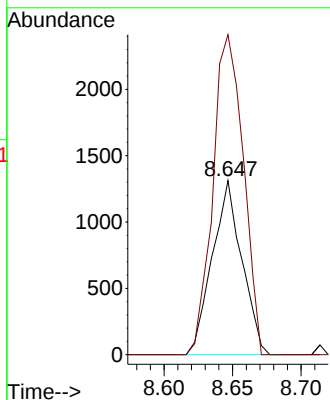
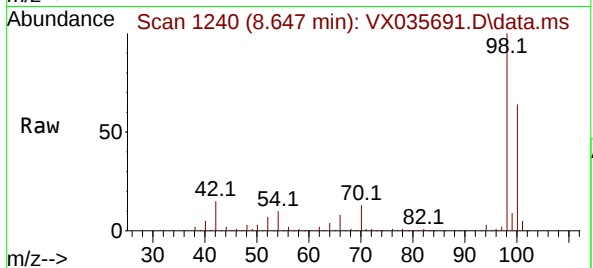
FSND-PRO-02-81-05082023

Tgt Ion: 43 Resp: 1977

Ion Ratio Lower Upper

43 100

58 188.8 30.6 46.0#



#59

2-Hexanone

Concen: 1.183 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. 0.085 min

Lab File: VX035691.D

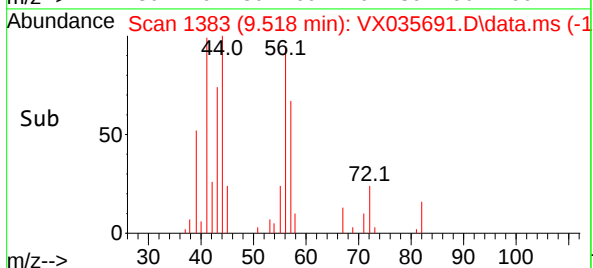
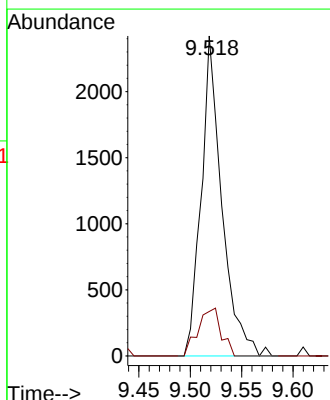
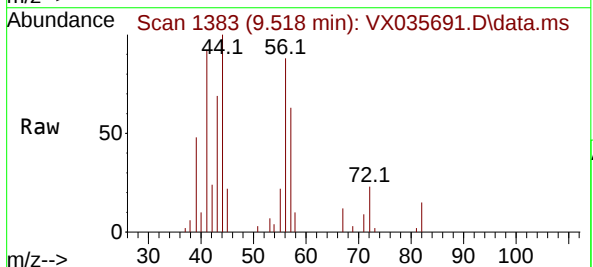
Acq: 16 May 2023 15:16

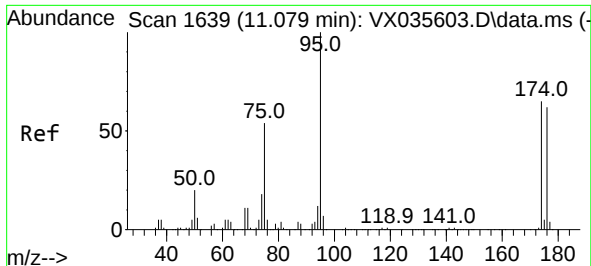
Tgt Ion: 43 Resp: 3398

Ion Ratio Lower Upper

43 100

58 16.6 26.3 78.9#

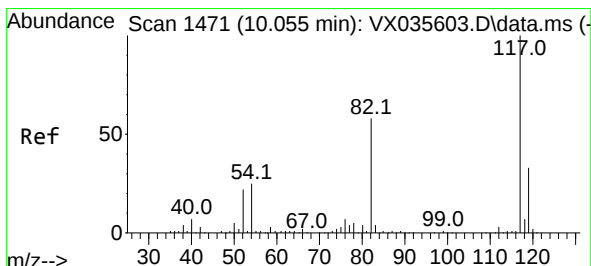
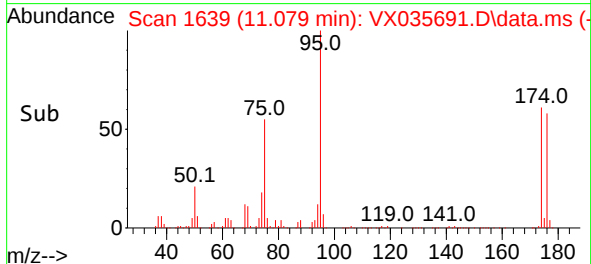
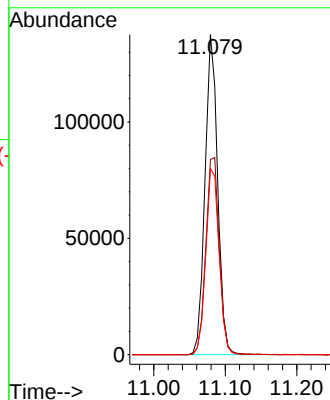
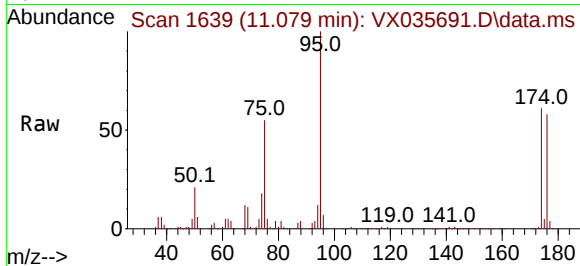




#62
4-Bromofluorobenzene
Concen: 49.395 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035691.D
Acq: 16 May 2023 15:16

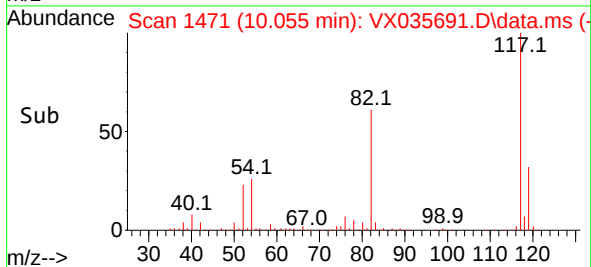
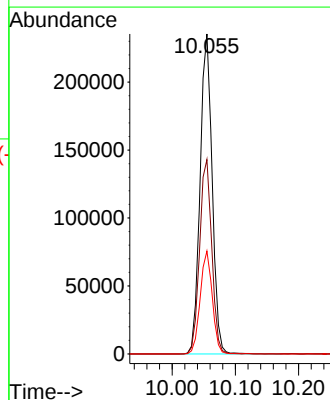
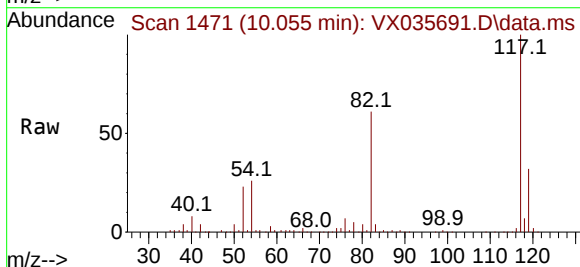
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-02-81-05082023

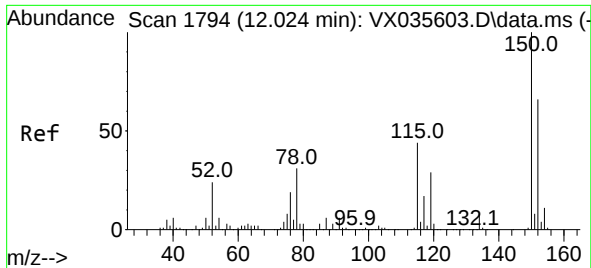
Tgt Ion: 95 Resp: 169367
Ion Ratio Lower Upper
95 100
174 65.7 0.0 147.4
176 61.4 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035691.D
Acq: 16 May 2023 15:16

Tgt Ion: 117 Resp: 312656
Ion Ratio Lower Upper
117 100
82 60.7 45.0 67.4
119 32.2 26.0 39.0

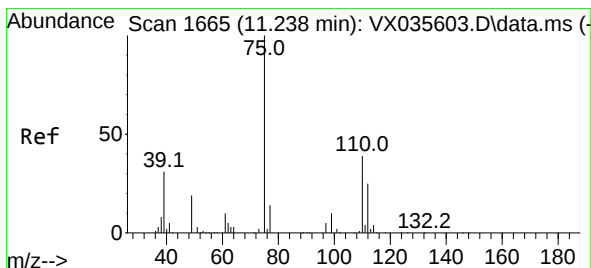
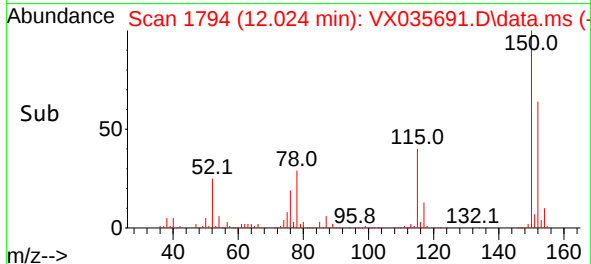
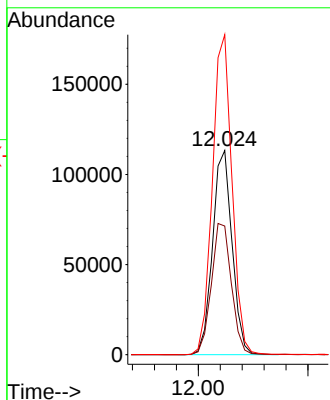
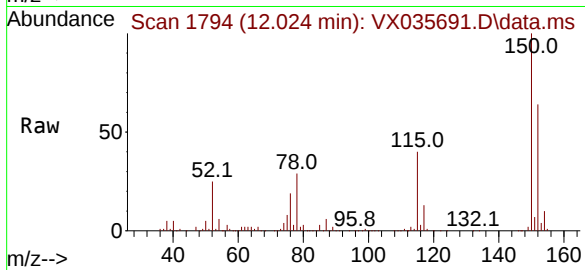




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035691.D
 Acq: 16 May 2023 15:16

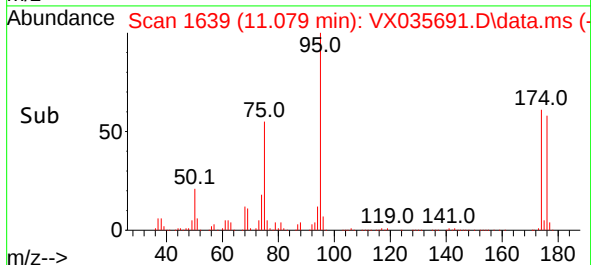
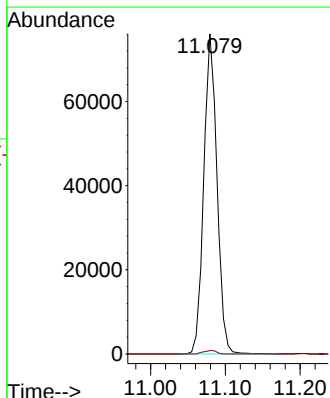
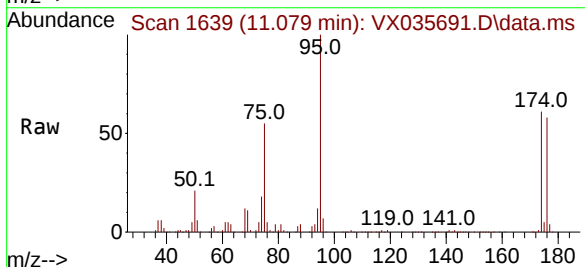
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-02-81-05082023

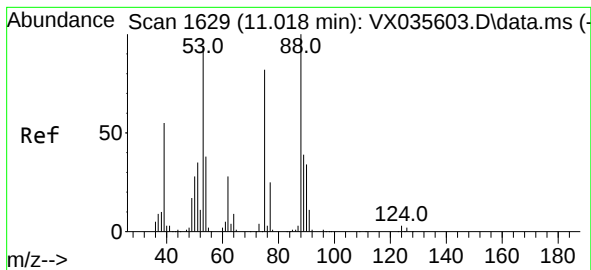
Tgt Ion:152 Resp: 140029
 Ion Ratio Lower Upper
 152 100
 115 66.0 45.0 135.0
 150 157.4 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 27.228 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX035691.D
 Acq: 16 May 2023 15:16

Tgt Ion: 75 Resp: 93261
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.753 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035691.D
 Acq: 16 May 2023 15:16

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-02-81-05082023

Tgt Ion: 75 Resp: 93261
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

