

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051923\
 Data File : VX035766.D
 Acq On : 19 May 2023 17:27
 Operator : JC/MD
 Sample : 02860-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: May 22 05:19:03 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)

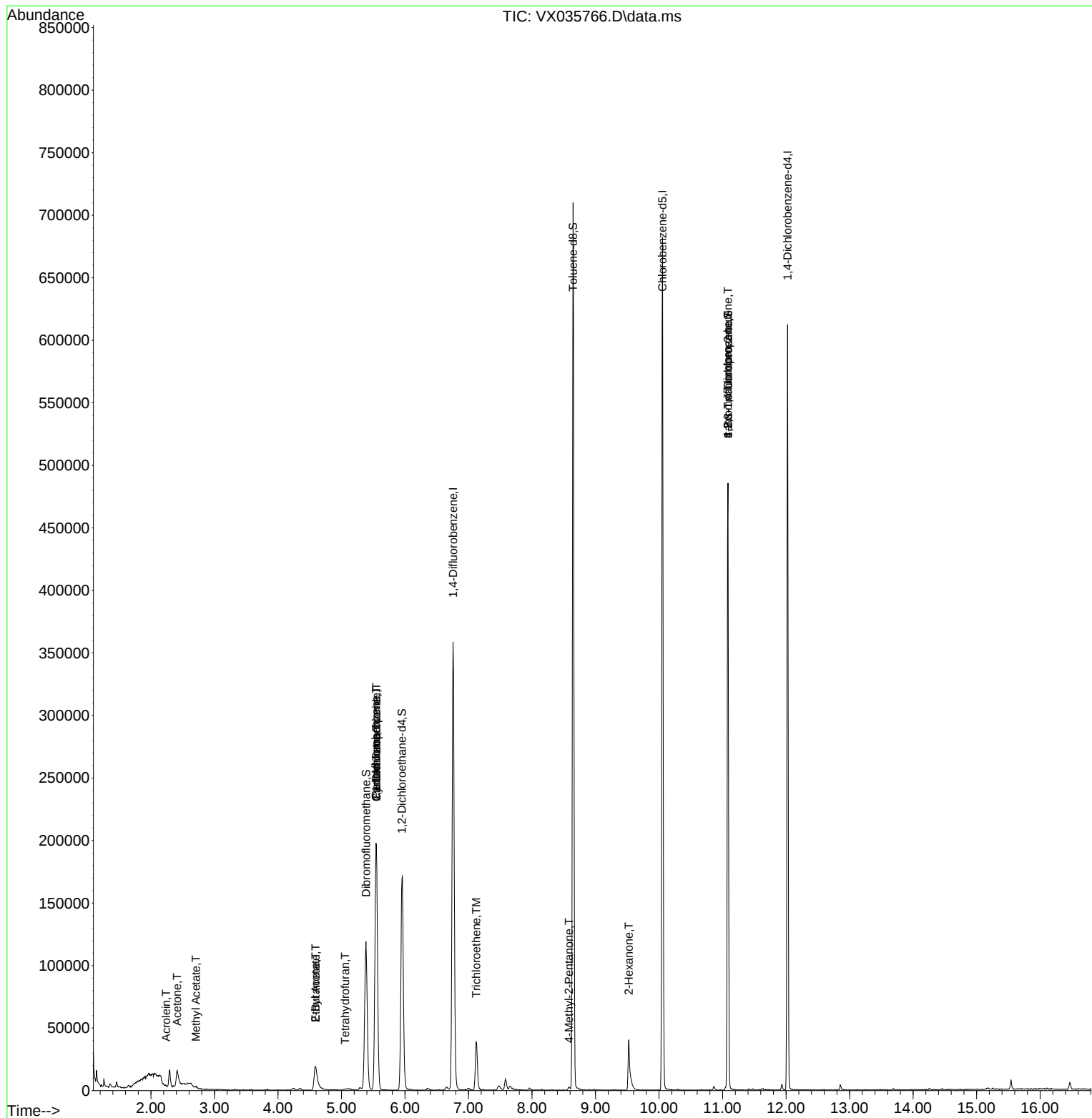
Internal Standards						
1) Pentafluorobenzene	5.543	168	170037	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	333878	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	285278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	173656	58.542	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	117.080%#
35) Dibromofluoromethane	5.385	113	101160	44.927	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.860%
50) Toluene-d8	8.647	98	391943	47.119	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.240%
62) 4-Bromofluorobenzene	11.085	95	141894	42.366	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.740%
Target Compounds						
						Qvalue
13) Acrolein	2.239	56	629	1.013	ug/l	# 78
16) Acetone	2.410	43	20411	16.009	ug/l	97
18) Methyl Acetate	2.709	43	1822	0.387	ug/l	# 88
25) 2-Butanone	4.592	43	49412	27.997	ug/l	98
29) Tetrahydrofuran	5.056	42	887	0.800	ug/l	# 56
31) Cyclohexane	5.550	56	4742	1.265	ug/l	# 25
36) 1,1-Dichloropropene	5.550	75	16308	4.588	ug/l	# 50
37) Ethyl Acetate	4.592	43	49412	13.329	ug/l	# 70
38) Carbon Tetrachloride	5.550	117	19600	5.822	ug/l	# 16
44) Trichloroethene	7.122	130	14505	5.753	ug/l	88
51) 4-Methyl-2-Pentanone	8.579	43	2029	0.545	ug/l	95
59) 2-Hexanone	9.524	43	9295	3.314	ug/l	# 43
76) 1,2,3-Trichloropropane	11.085	75	76901	27.320	ug/l	# 35
81) trans-1,4-Dichloro-2-b...	11.085	75	76901	88.049	ug/l	# 8

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

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Quant Title : SW846 8260
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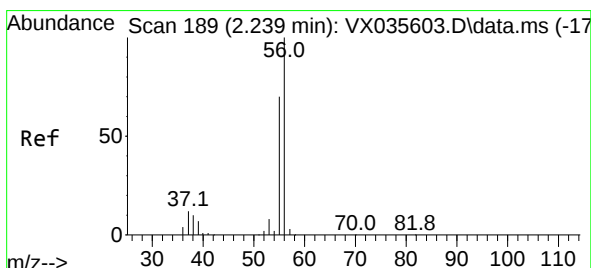
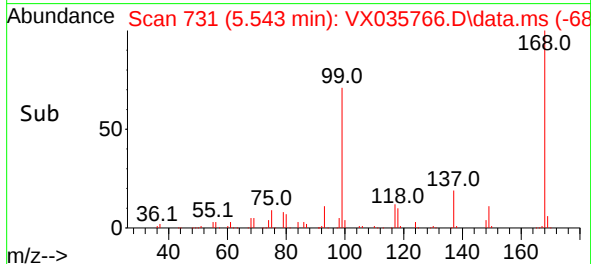
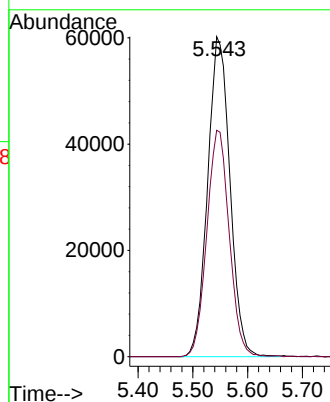
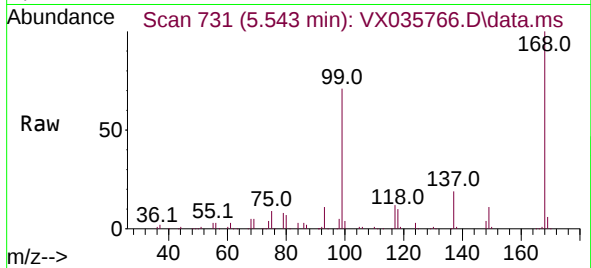




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX035766.D
Acq: 19 May 2023 17:27

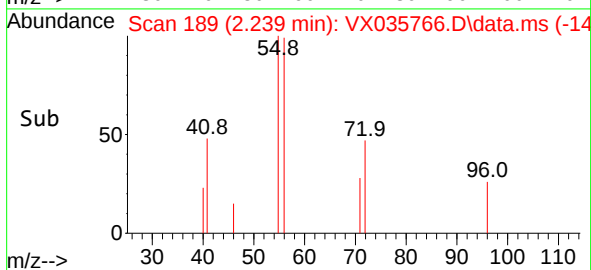
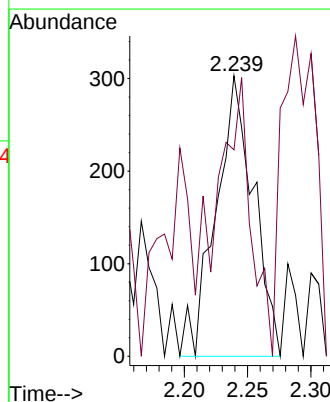
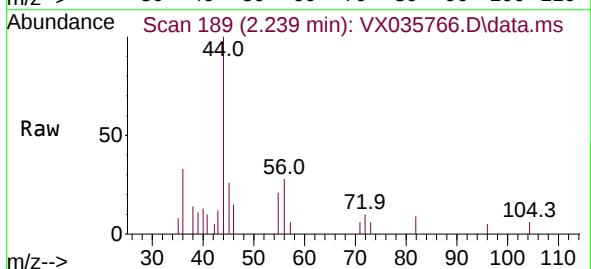
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-05-101-0512023

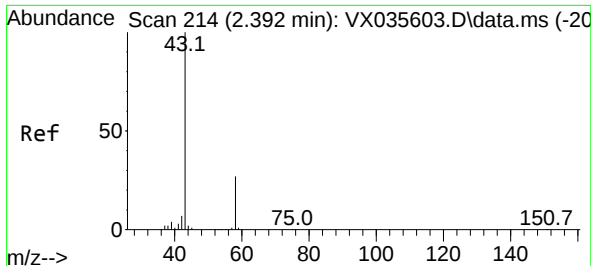
Tgt Ion:168 Resp: 170037
Ion Ratio Lower Upper
168 100
99 70.7 45.7 68.5#



#13
Acrolein
Concen: 1.013 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035766.D
Acq: 19 May 2023 17:27

Tgt Ion: 56 Resp: 629
Ion Ratio Lower Upper
56 100
55 88.9 56.6 85.0#

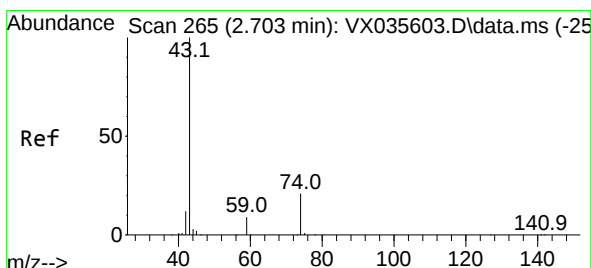
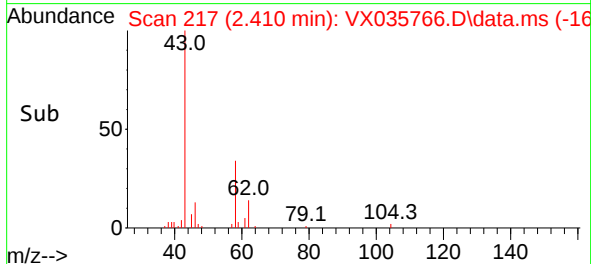
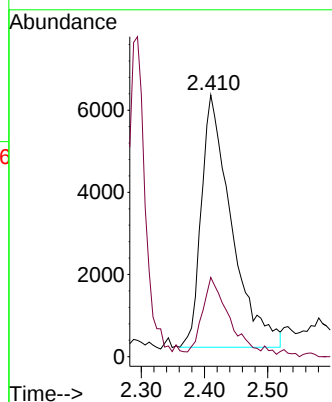
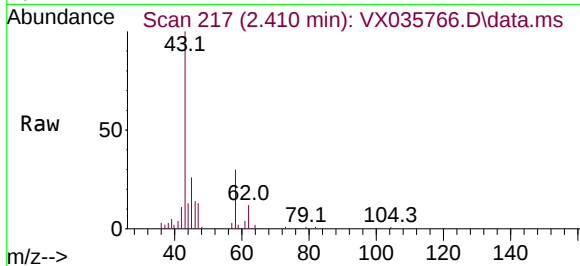




#16
Acetone
Concen: 16.009 ug/l
RT: 2.410 min Scan# 214
Delta R.T. 0.018 min
Lab File: VX035766.D
Acq: 19 May 2023 17:27

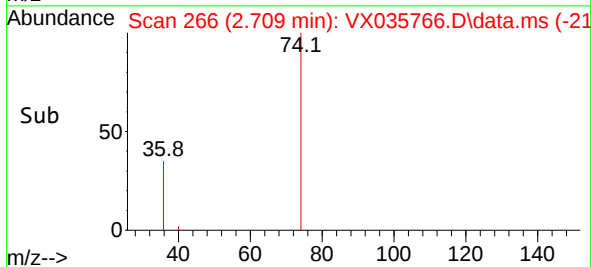
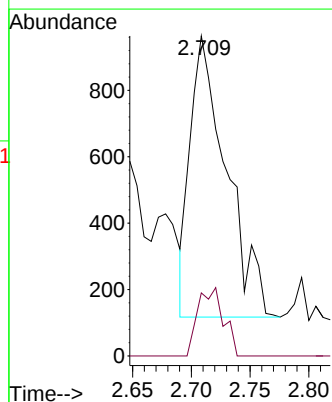
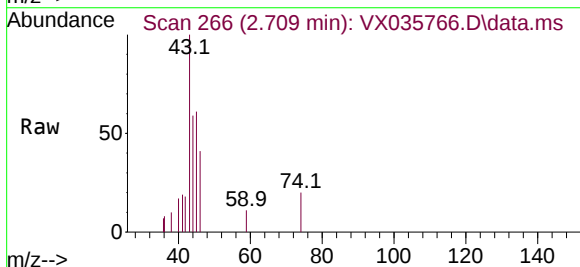
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-05-101-0512023

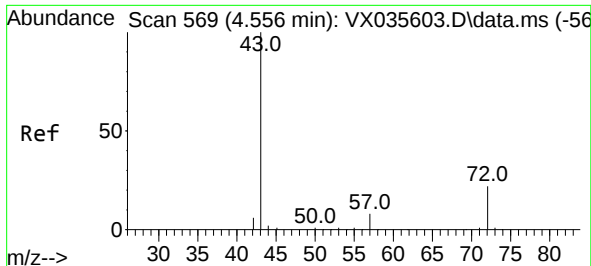
Tgt Ion: 43 Resp: 20411
Ion Ratio Lower Upper
43 100
58 29.3 24.7 37.1



#18
Methyl Acetate
Concen: 0.387 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX035766.D
Acq: 19 May 2023 17:27

Tgt Ion: 43 Resp: 1822
Ion Ratio Lower Upper
43 100
74 17.2 18.3 27.5#





#25

2-Butanone

Concen: 27.997 ug/l

RT: 4.592 min Scan# 51

Delta R.T. 0.036 min

Lab File: VX035766.D

Acq: 19 May 2023 17:27

Instrument :

MSVOA_X

ClientSampleId :

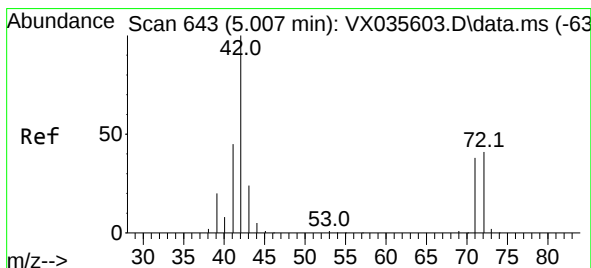
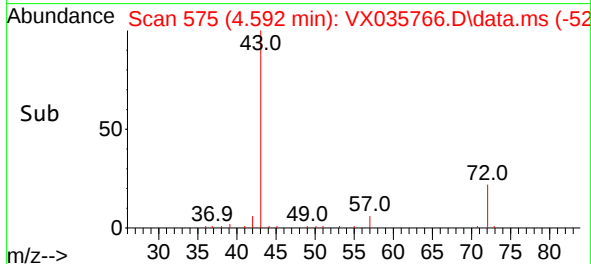
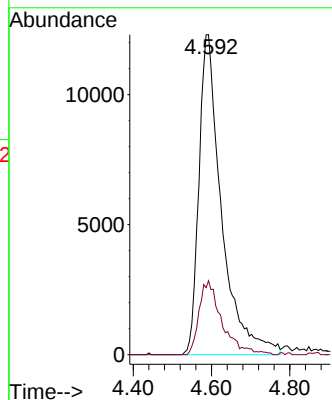
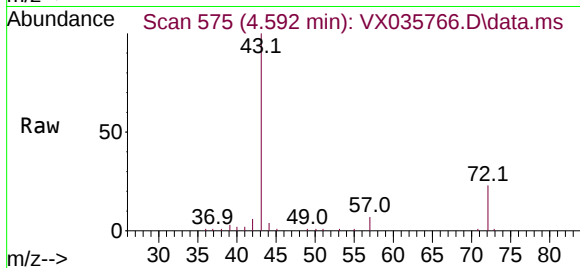
FSND-PRO-05-101-0512023

Tgt Ion: 43 Resp: 49412

Ion Ratio Lower Upper

43 100

72 23.1 19.3 28.9



#29

Tetrahydrofuran

Concen: 0.800 ug/l

RT: 5.056 min Scan# 651

Delta R.T. 0.049 min

Lab File: VX035766.D

Acq: 19 May 2023 17:27

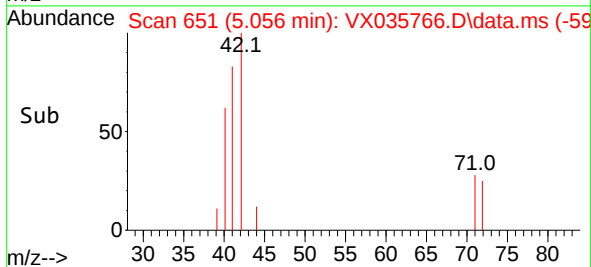
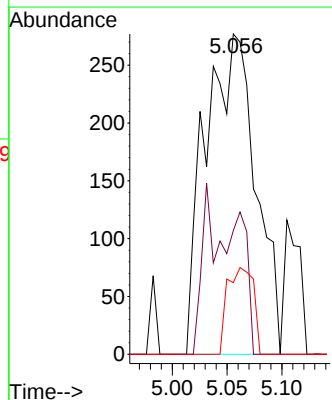
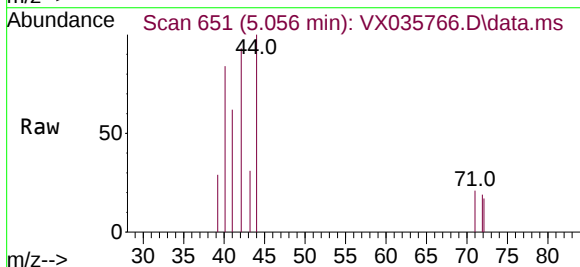
Tgt Ion: 42 Resp: 887

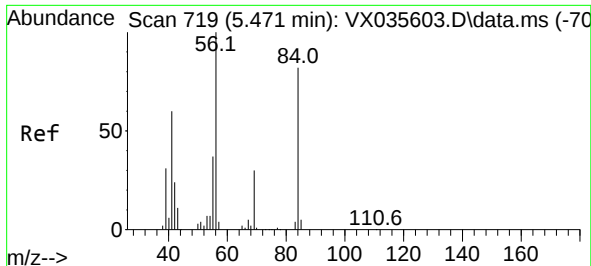
Ion Ratio Lower Upper

42 100

72 13.9 34.5 51.7#

71 14.0 32.1 48.1#

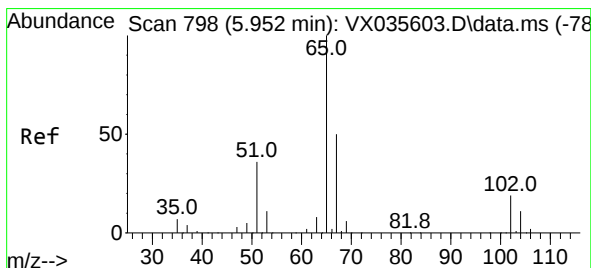
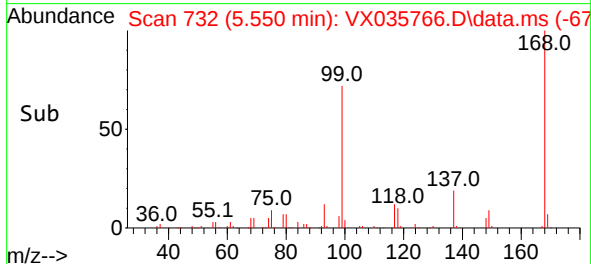
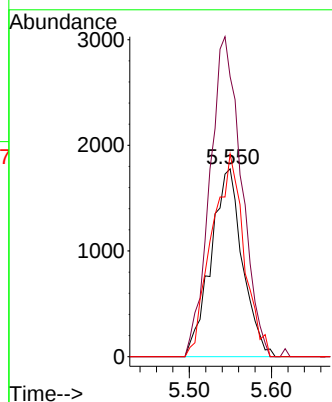
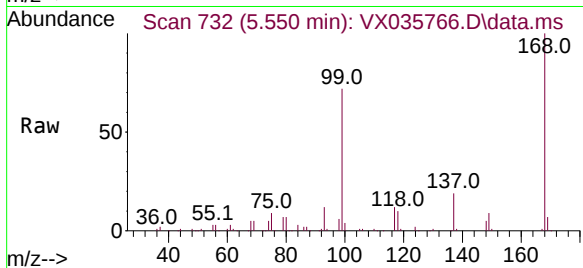




#31
Cyclohexane
Concen: 1.265 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX035766.D
Acq: 19 May 2023 17:27

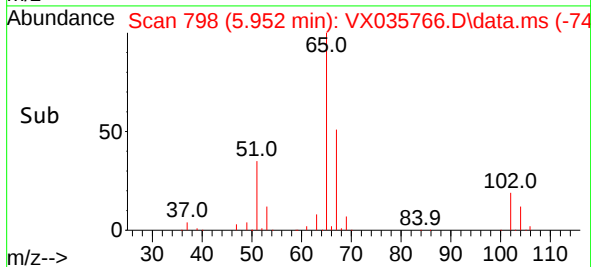
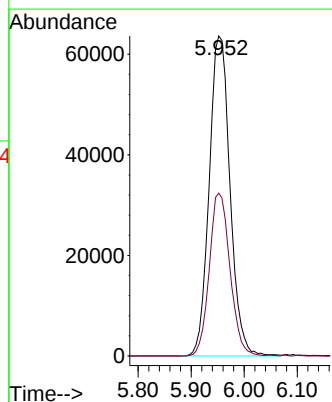
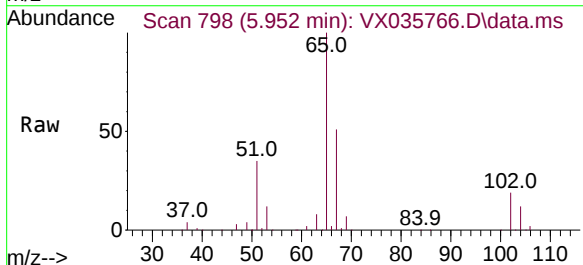
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-05-101-0512023

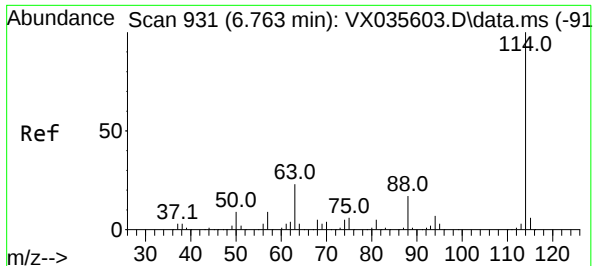
Tgt Ion: 56 Resp: 4742
Ion Ratio Lower Upper
56 100
69 149.0 23.7 35.5#
84 107.9 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 58.542 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX035766.D
Acq: 19 May 2023 17:27

Tgt Ion: 65 Resp: 173656
Ion Ratio Lower Upper
65 100
67 50.5 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: VX035766.D

Acq: 19 May 2023 17:27

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-05-101-0512023

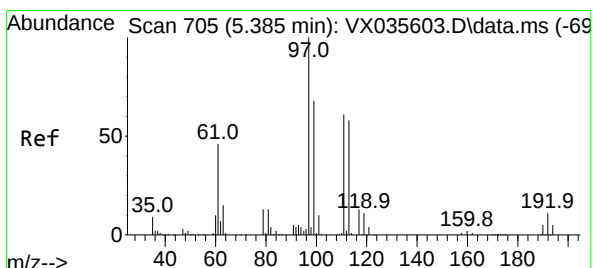
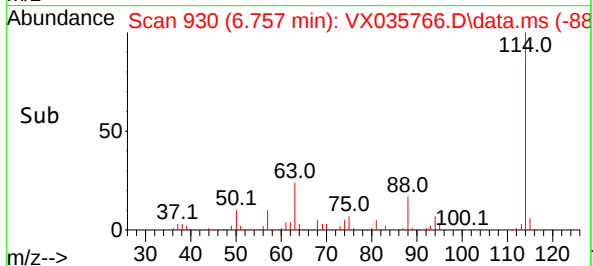
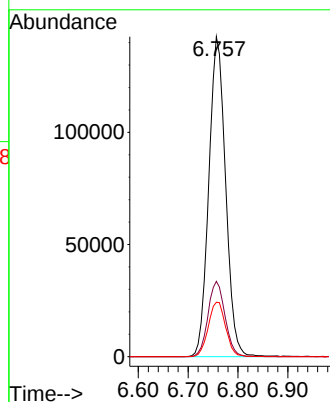
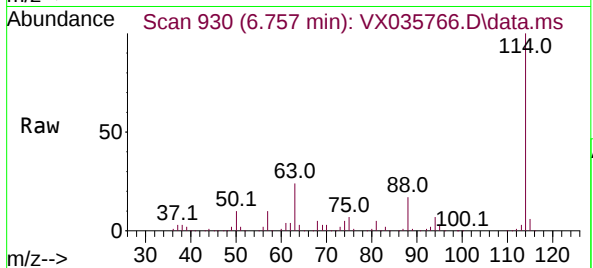
Tgt Ion:114 Resp: 333878

Ion Ratio Lower Upper

114 100

63 23.6 0.0 42.2

88 17.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 44.927 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX035766.D

Acq: 19 May 2023 17:27

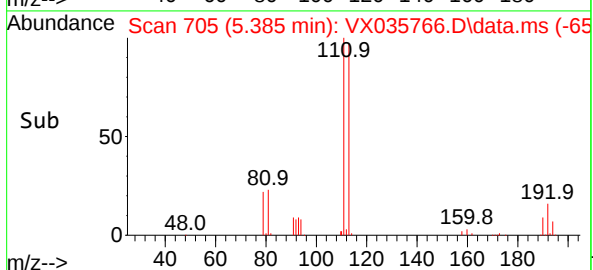
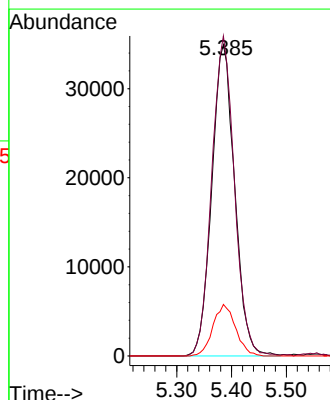
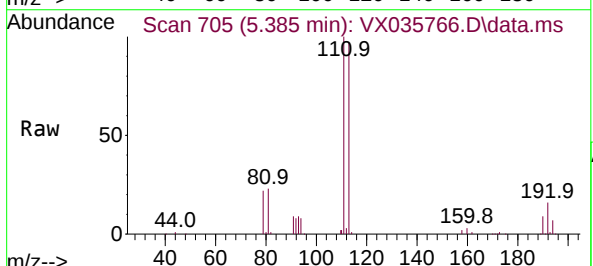
Tgt Ion:113 Resp: 101160

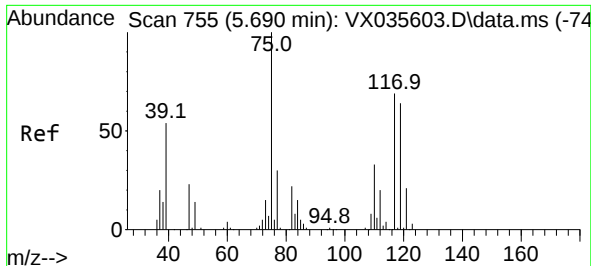
Ion Ratio Lower Upper

113 100

111 102.0 83.7 125.5

192 16.4 15.4 23.2

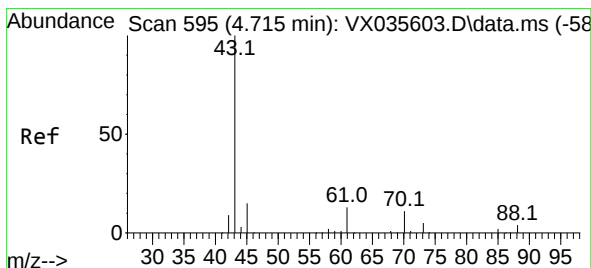
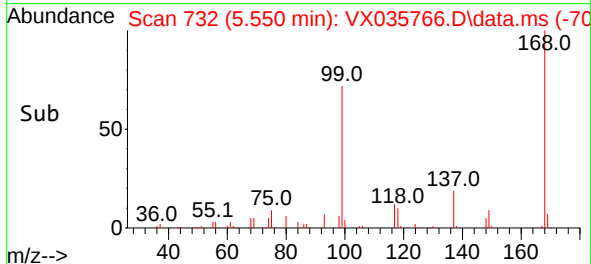
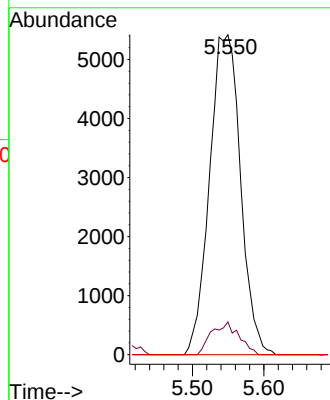
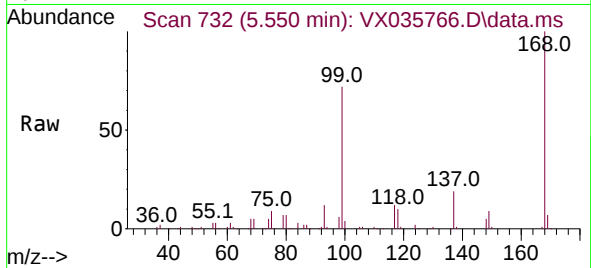




#36
1,1-Dichloropropene
Concen: 4.588 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX035766.D
Acq: 19 May 2023 17:27

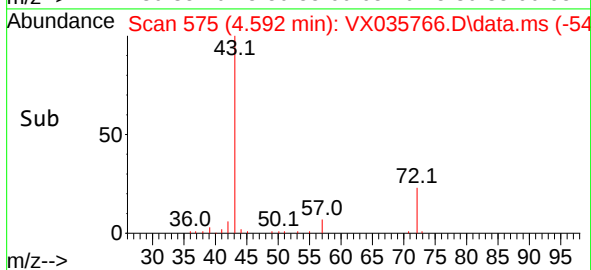
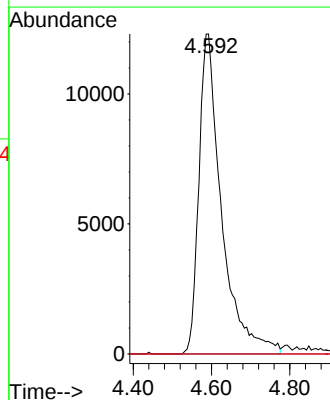
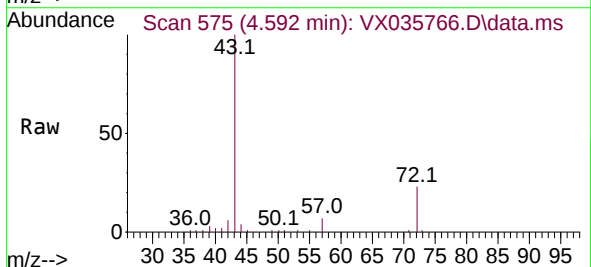
Instrument :
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FSND-PRO-05-101-0512023

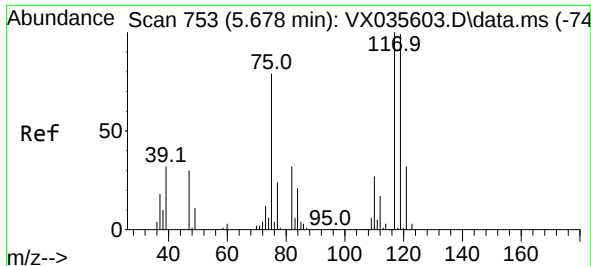
Tgt Ion: 75 Resp: 16308
Ion Ratio Lower Upper
75 100
110 9.0 17.5 52.5#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 13.329 ug/l
RT: 4.592 min Scan# 575
Delta R.T. -0.123 min
Lab File: VX035766.D
Acq: 19 May 2023 17:27

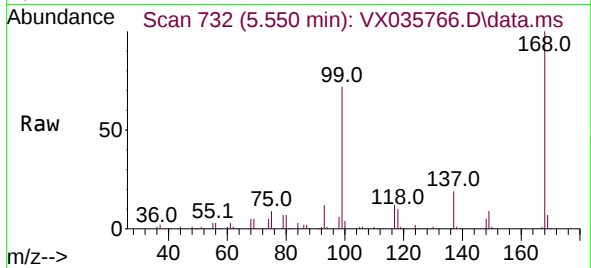
Tgt Ion: 43 Resp: 49412
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.4#
70 0.0 8.2 12.4#



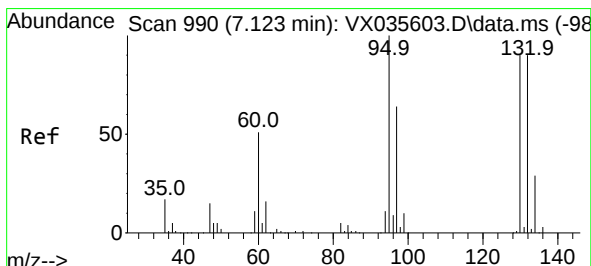
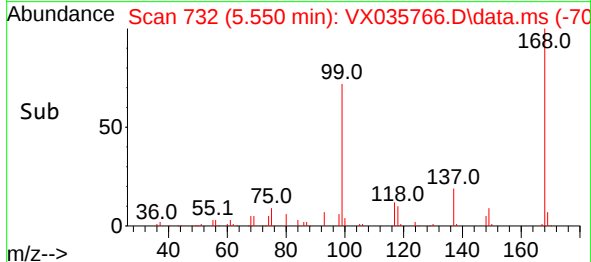
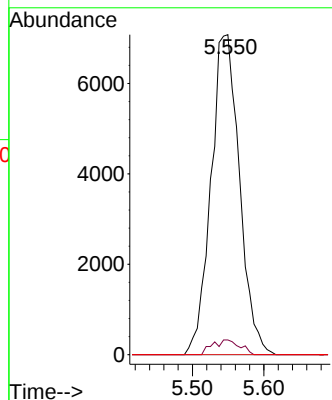


#38
Carbon Tetrachloride
Concen: 5.822 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035766.D
Acq: 19 May 2023 17:27

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

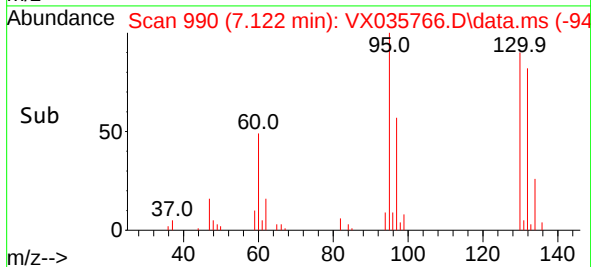
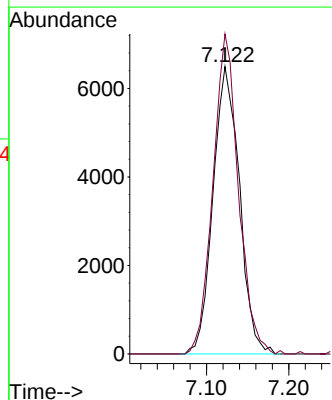
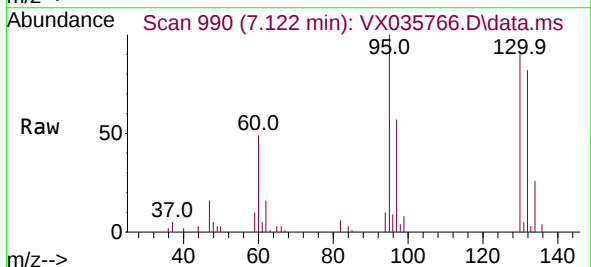


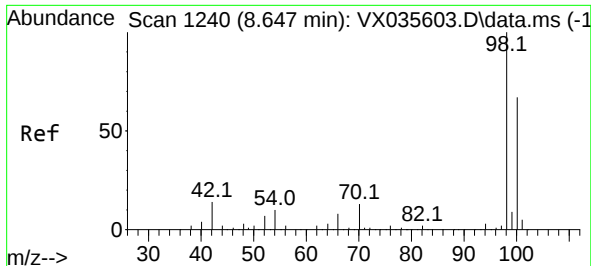
Tgt Ion:117 Resp: 19600
Ion Ratio Lower Upper
117 100
119 4.6 76.6 114.8#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 5.753 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.001 min
Lab File: VX035766.D
Acq: 19 May 2023 17:27

Tgt Ion:130 Resp: 14505
Ion Ratio Lower Upper
130 100
95 111.3 0.0 198.4

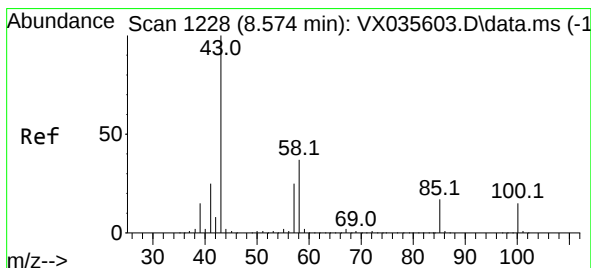
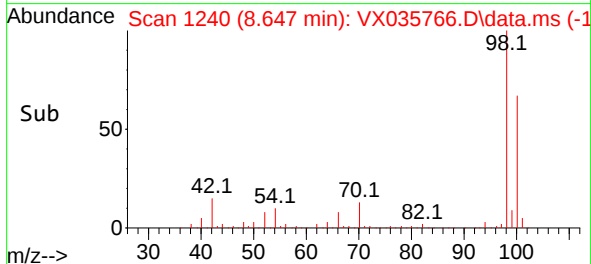
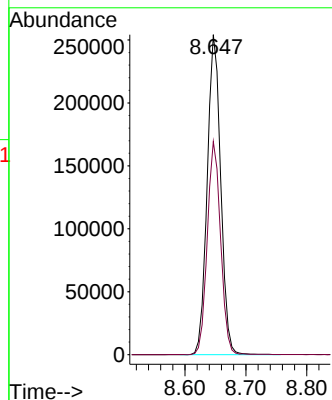
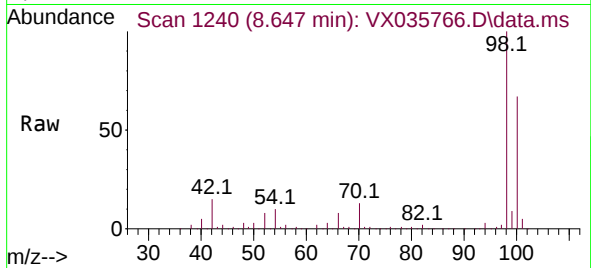




#50
Toluene-d8
Concen: 47.119 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035766.D
Acq: 19 May 2023 17:27

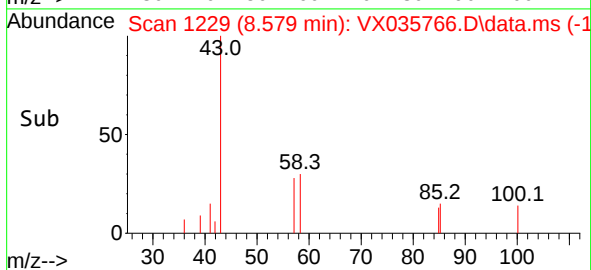
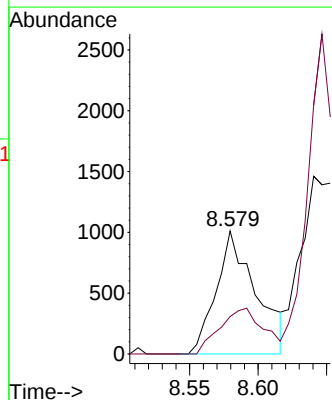
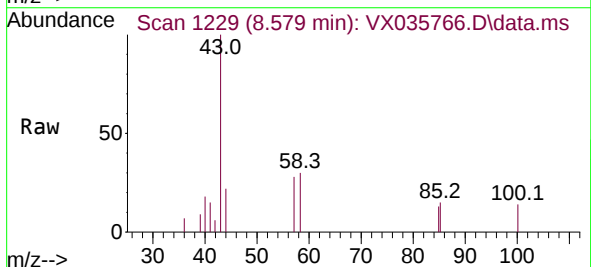
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-05-101-0512023

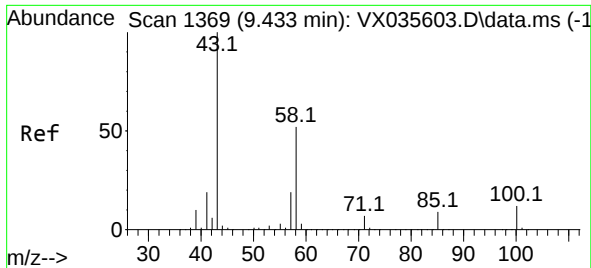
Tgt Ion: 98 Resp: 391943
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.545 ug/l
RT: 8.579 min Scan# 1229
Delta R.T. 0.005 min
Lab File: VX035766.D
Acq: 19 May 2023 17:27

Tgt Ion: 43 Resp: 2029
Ion Ratio Lower Upper
43 100
58 41.3 30.6 46.0





#59

2-Hexanone

Concen: 3.314 ug/l

RT: 9.524 min Scan# 11

Delta R.T. 0.091 min

Lab File: VX035766.D

Acq: 19 May 2023 17:27

Instrument :

MSVOA_X

ClientSampleId :

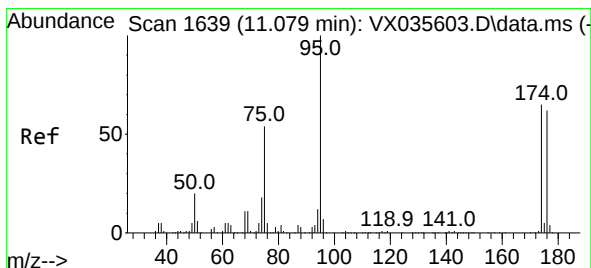
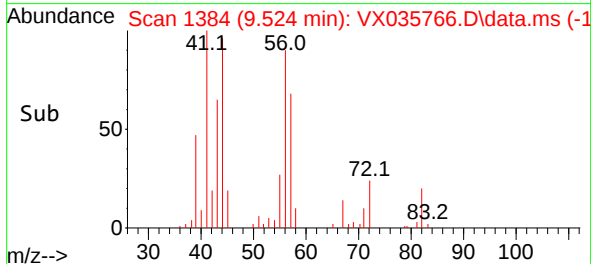
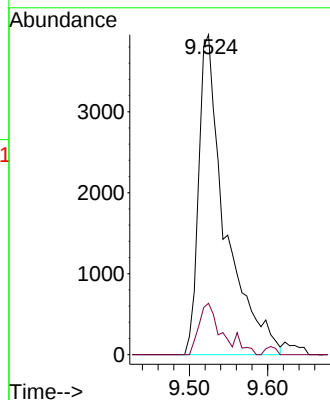
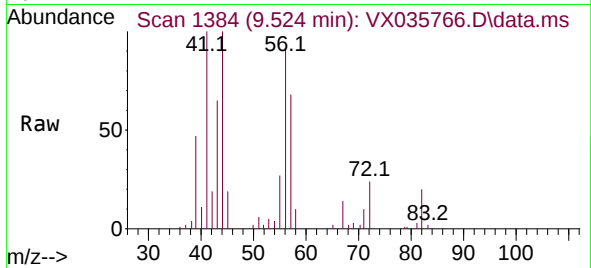
FSND-PRO-05-101-0512023

Tgt Ion: 43 Resp: 9295

Ion Ratio Lower Upper

43 100

58 12.0 26.3 78.9#



#62

4-Bromofluorobenzene

Concen: 42.366 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX035766.D

Acq: 19 May 2023 17:27

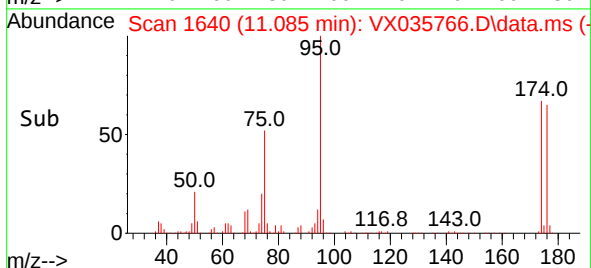
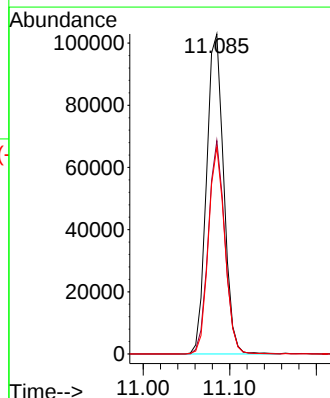
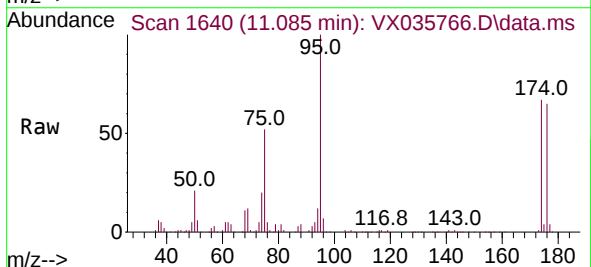
Tgt Ion: 95 Resp: 141894

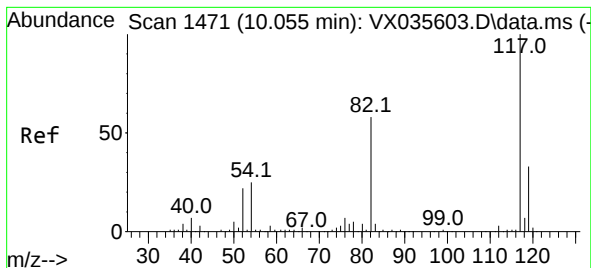
Ion Ratio Lower Upper

95 100

174 64.1 0.0 147.4

176 61.9 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: VX035766.D

Acq: 19 May 2023 17:27

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-05-101-0512023

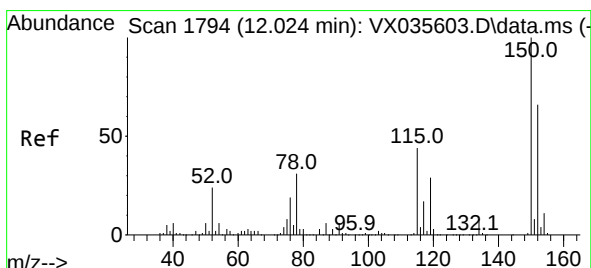
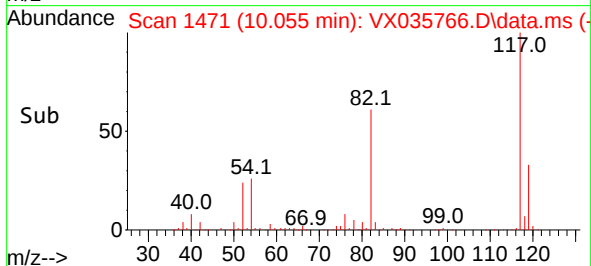
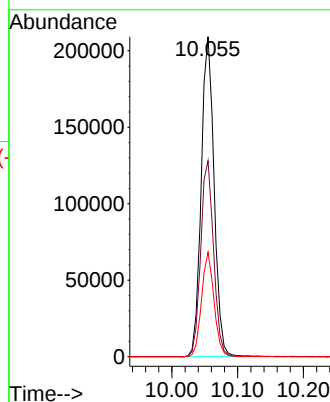
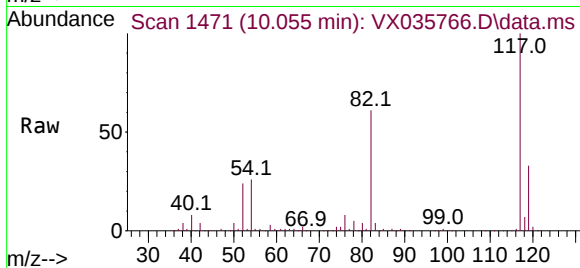
Tgt Ion:117 Resp: 285278

Ion Ratio Lower Upper

117 100

82 61.2 45.0 67.4

119 32.7 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: VX035766.D

Acq: 19 May 2023 17:27

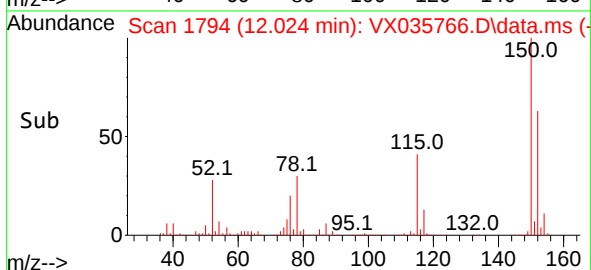
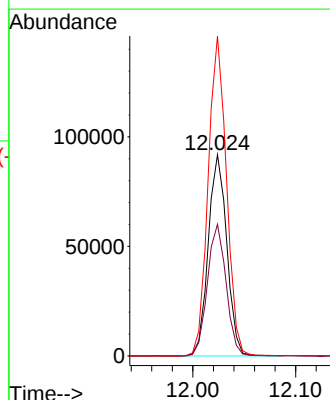
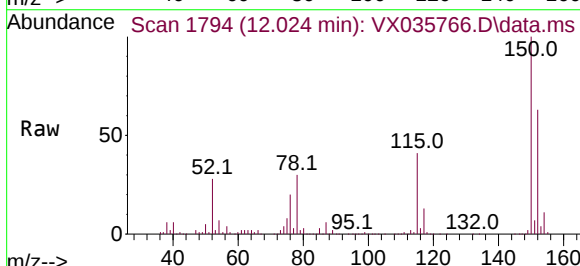
Tgt Ion:152 Resp: 115077

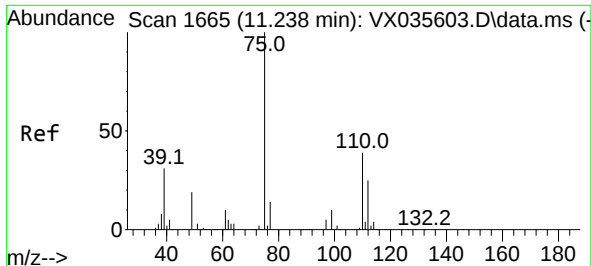
Ion Ratio Lower Upper

152 100

115 66.0 45.0 135.0

150 157.0 0.0 352.4

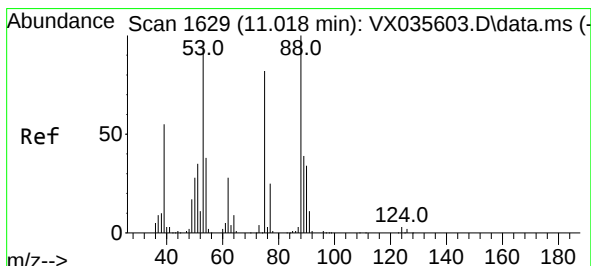
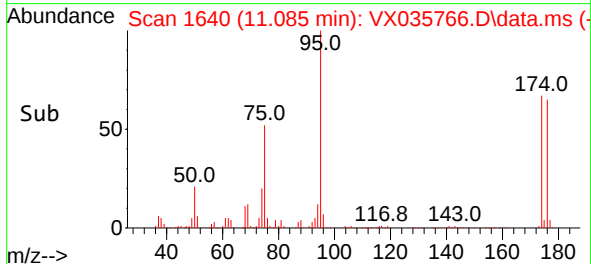
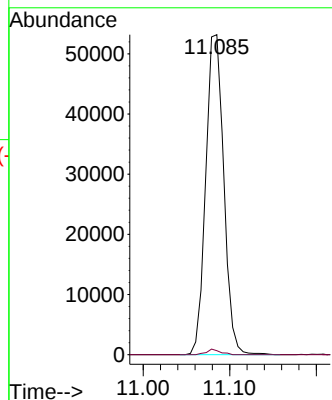
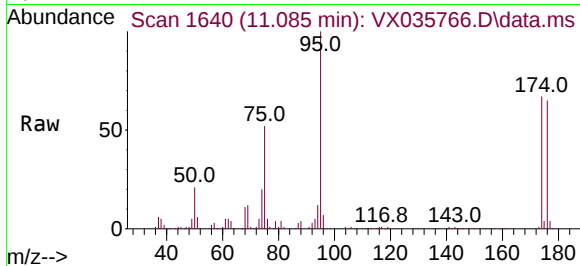




#76
1,2,3-Trichloropropane
Concen: 27.320 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.153 min
Lab File: VX035766.D
Acq: 19 May 2023 17:27

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

Tgt Ion: 75 Resp: 76901
Ion Ratio Lower Upper
75 100
77 1.3 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.049 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX035766.D
Acq: 19 May 2023 17:27

Tgt Ion: 75 Resp: 76901
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

