

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051523\
 Data File : VX035667.D
 Acq On : 15 May 2023 15:59
 Operator : JC/MD
 Sample : 02751-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-04-81-05092023

Quant Time: May 16 05:00:48 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)

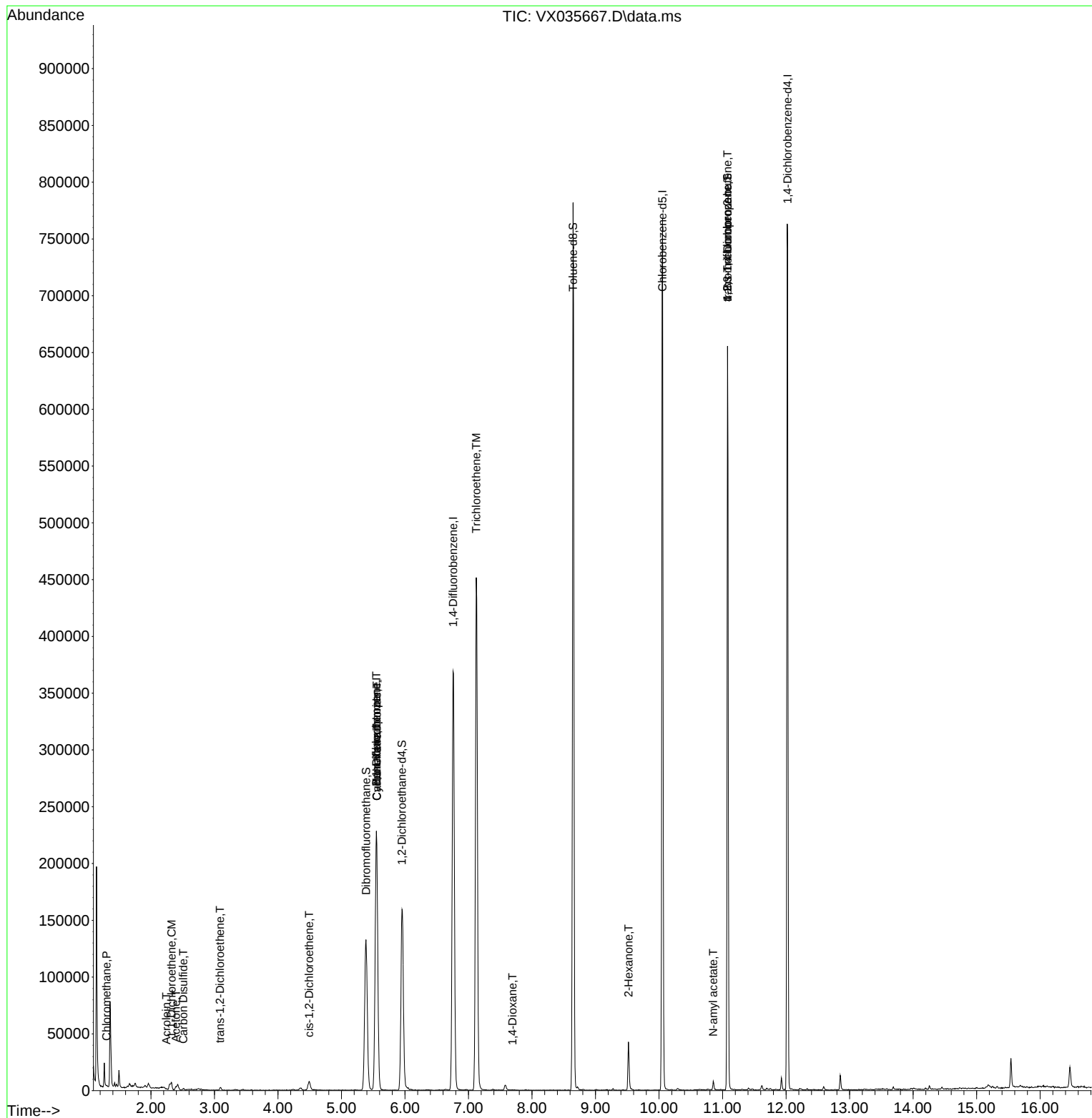
Internal Standards						
1) Pentafluorobenzene	5.550	168	194045	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	357443	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	326341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	161081	47.584	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.160%
35) Dibromofluoromethane	5.385	113	116422	48.296	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.600%
50) Toluene-d8	8.647	98	432494	48.566	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.140%
62) 4-Bromofluorobenzene	11.079	95	175463	48.935	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.860%
Target Compounds						
						Qvalue
3) Chloromethane	1.300	50	1132	0.369	ug/l	94
12) 1,1-Dichloroethene	2.325	96	1846	0.854	ug/l #	86
13) Acrolein	2.239	56	281	0.396	ug/l #	26
16) Acetone	2.392	43	3721	2.557	ug/l	95
17) Carbon Disulfide	2.507	76	1613	0.309	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	869	0.367	ug/l	90
27) cis-1,2-Dichloroethene	4.489	96	4624	1.624	ug/l	94
31) Cyclohexane	5.556	56	5263	1.231	ug/l #	14
36) 1,1-Dichloropropene	5.550	75	18011	4.733	ug/l #	50
38) Carbon Tetrachloride	5.556	117	22235	6.169	ug/l #	15
44) Trichloroethene	7.122	130	164781	61.051	ug/l	93
49) 1,4-Dioxane	7.689	88	32	2.423	ug/l #	1
59) 2-Hexanone	9.518	43	6215	2.070	ug/l #	44
74) N-amyl acetate	10.853	43	1159	0.202	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	95590	26.791	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	95590	86.343	ug/l #	8

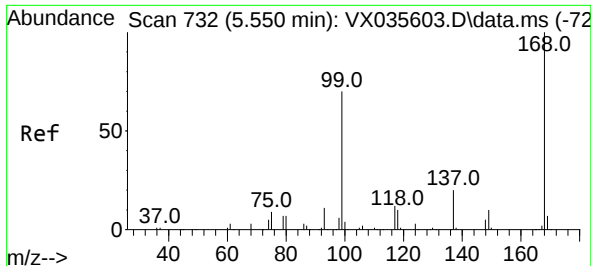
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

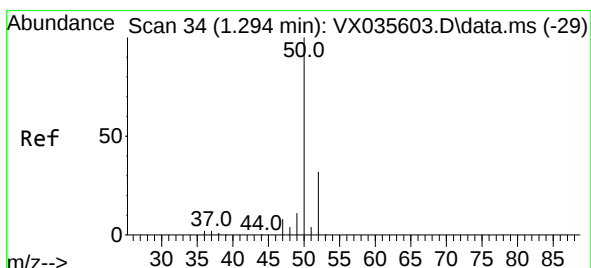
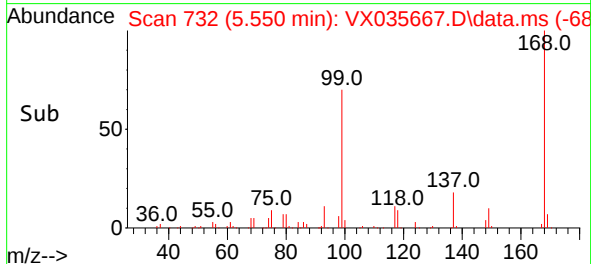
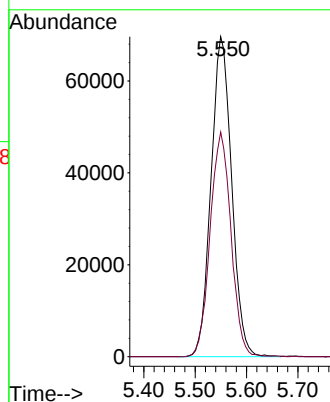
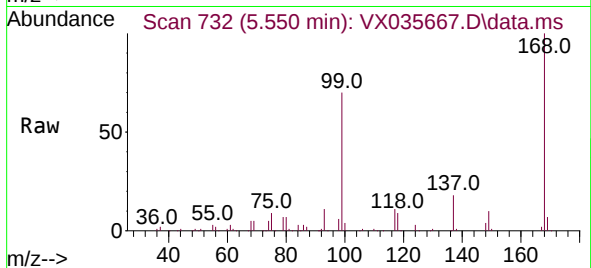




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035667.D
Acq: 15 May 2023 15:59

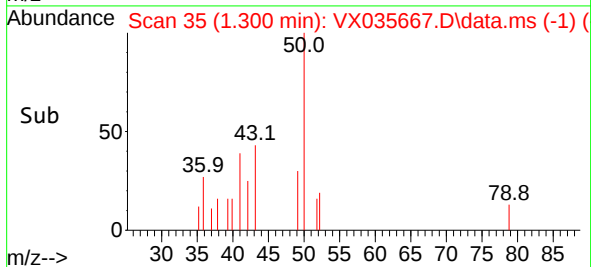
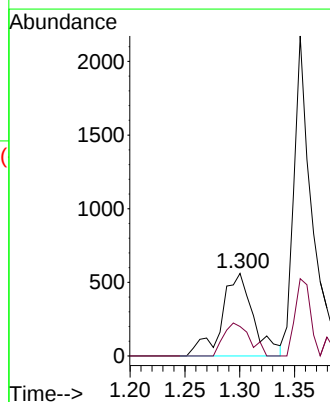
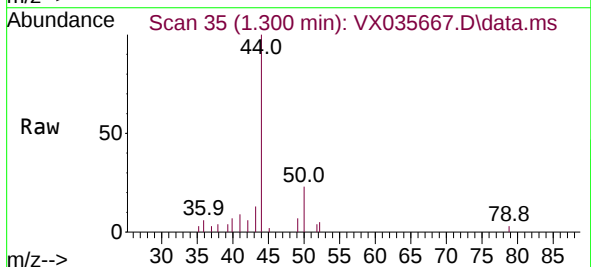
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-04-81-05092023

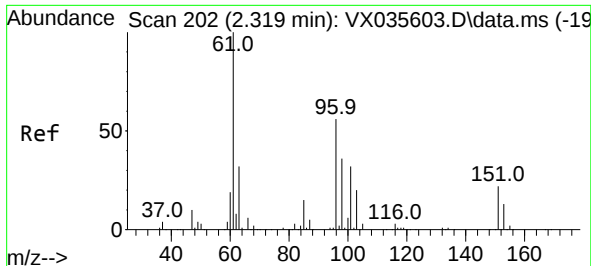
Tgt Ion:168 Resp: 194045
Ion Ratio Lower Upper
168 100
99 70.2 45.7 68.5#



#3
Chloromethane
Concen: 0.369 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX035667.D
Acq: 15 May 2023 15:59

Tgt Ion: 50 Resp: 1132
Ion Ratio Lower Upper
50 100
52 35.7 25.9 38.9





#12

1,1-Dichloroethene

Concen: 0.854 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX035667.D

Acq: 15 May 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-04-81-05092023

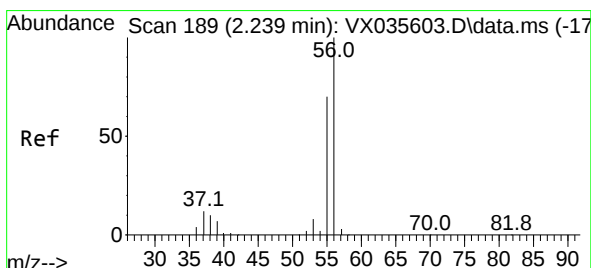
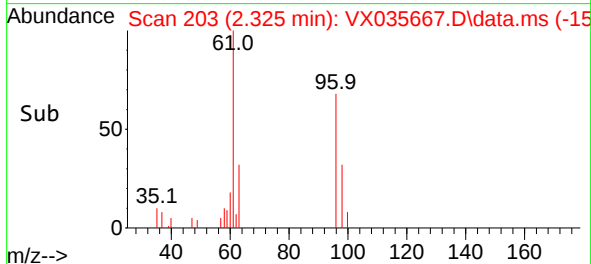
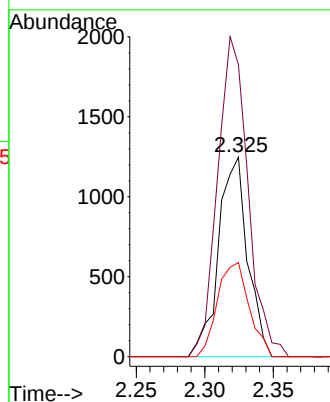
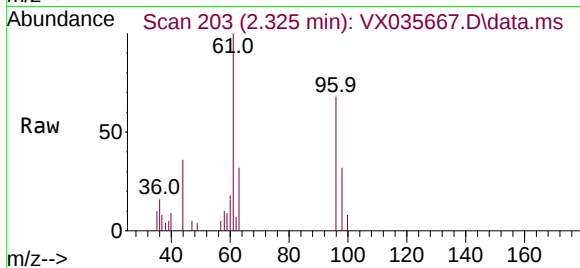
Tgt Ion: 96 Resp: 1846

Ion Ratio Lower Upper

96 100

61 146.2 128.8 193.2

98 47.1 51.4 77.0#



#13

Acrolein

Concen: 0.396 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX035667.D

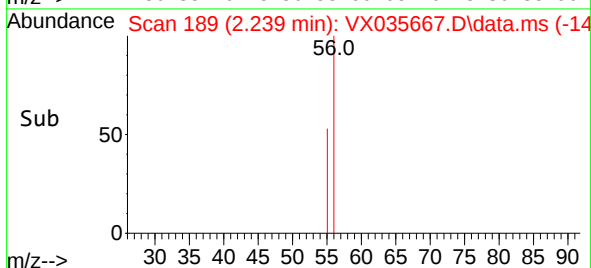
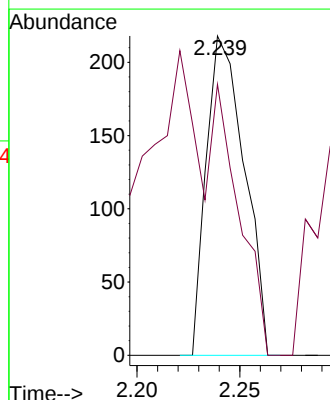
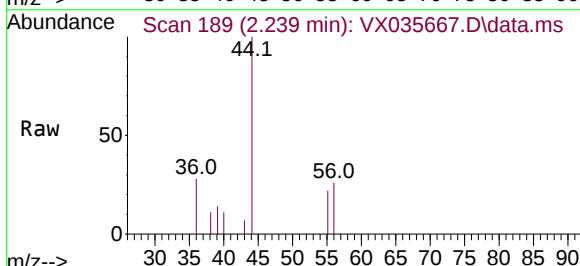
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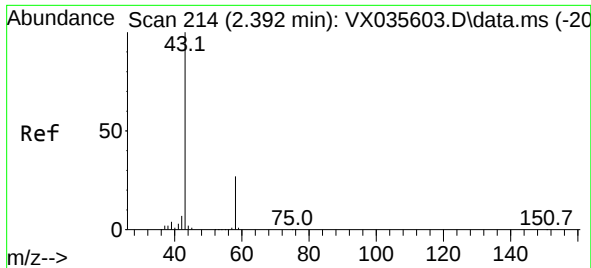
Tgt Ion: 56 Resp: 281

Ion Ratio Lower Upper

56 100

55 131.7 56.6 85.0#

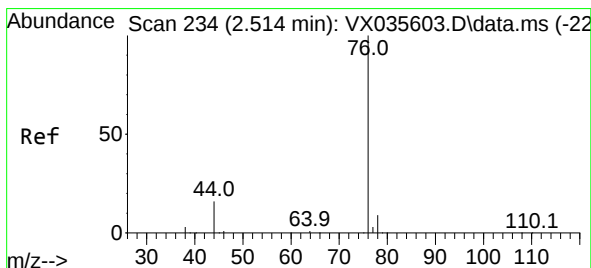
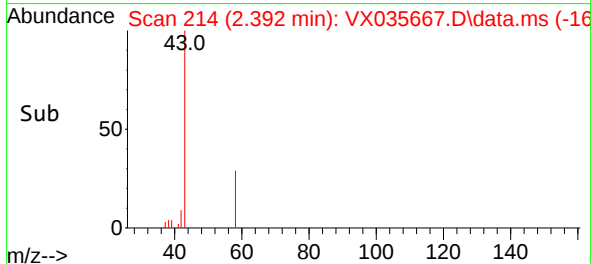
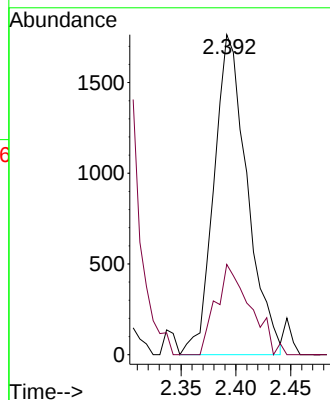
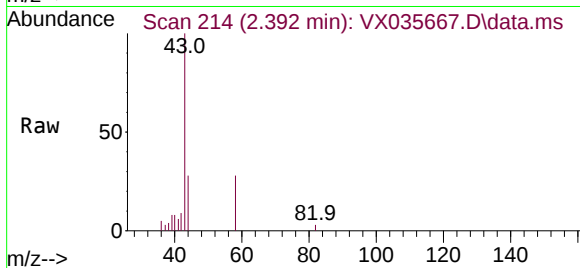




#16
Acetone
Concen: 2.557 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX035667.D
Acq: 15 May 2023 15:59

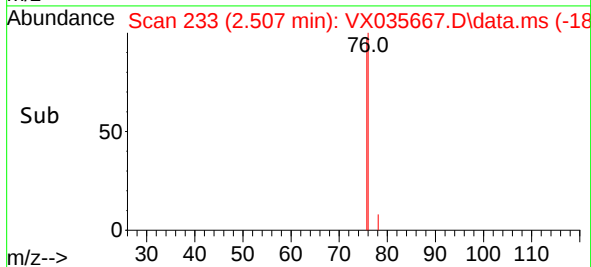
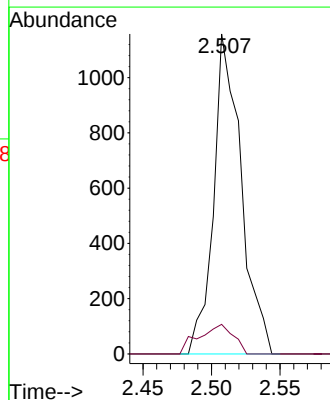
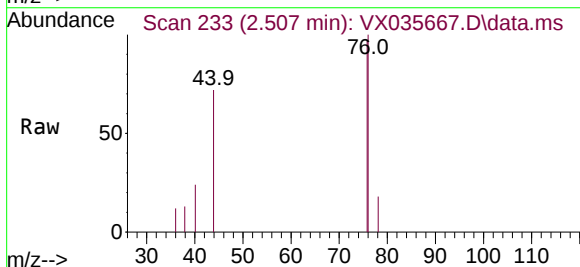
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-04-81-05092023

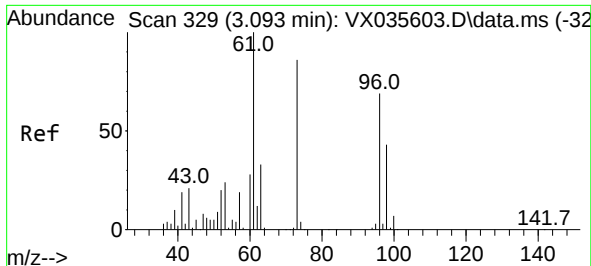
Tgt Ion: 43 Resp: 3721
Ion Ratio Lower Upper
43 100
58 28.2 24.7 37.1



#17
Carbon Disulfide
Concen: 0.309 ug/l
RT: 2.507 min Scan# 233
Delta R.T. -0.007 min
Lab File: VX035667.D
Acq: 15 May 2023 15:59

Tgt Ion: 76 Resp: 1613
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

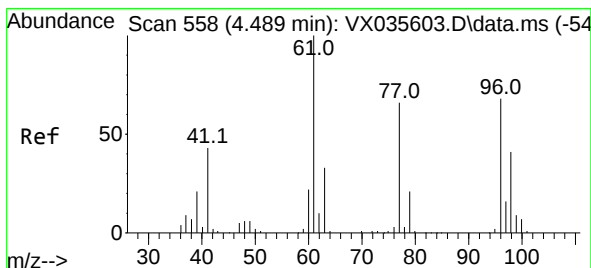
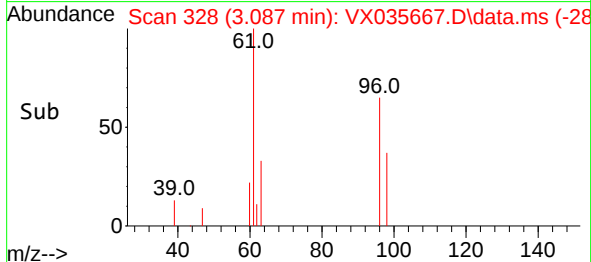
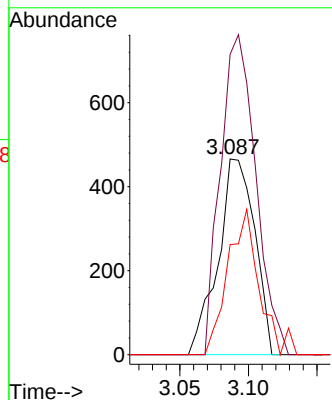
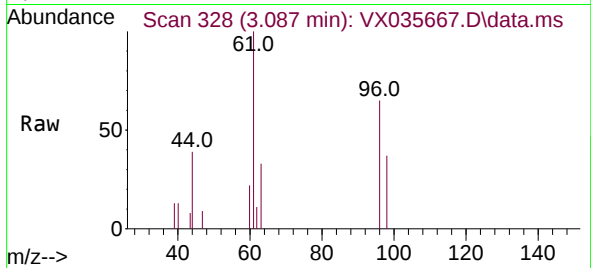




#21
trans-1,2-Dichloroethene
Concen: 0.367 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX035667.D
Acq: 15 May 2023 15:59

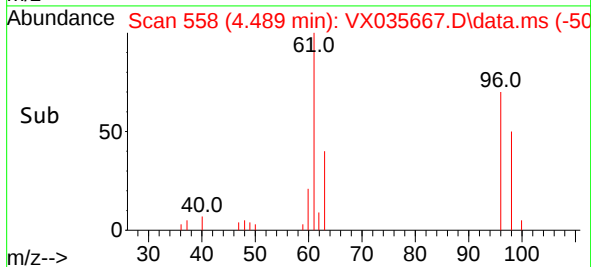
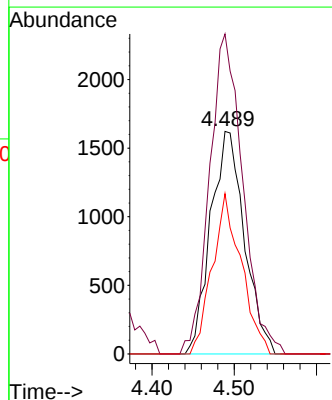
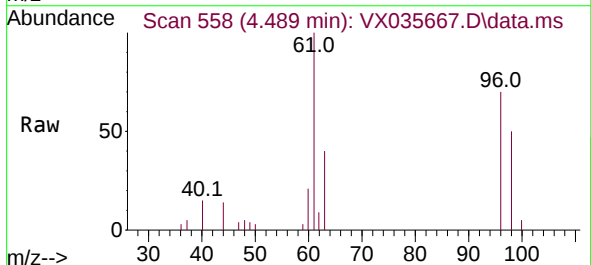
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-04-81-05092023

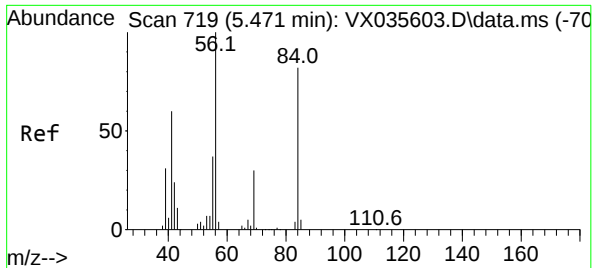
Tgt Ion: 96 Resp: 869
Ion Ratio Lower Upper
96 100
61 153.4 113.0 169.6
98 56.2 52.1 78.1



#27
cis-1,2-Dichloroethene
Concen: 1.624 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX035667.D
Acq: 15 May 2023 15:59

Tgt Ion: 96 Resp: 4624
Ion Ratio Lower Upper
96 100
61 141.6 0.0 300.4
98 61.9 0.0 129.0

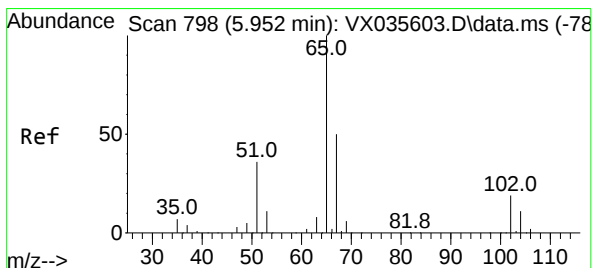
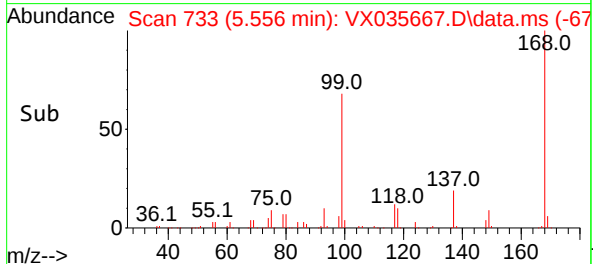
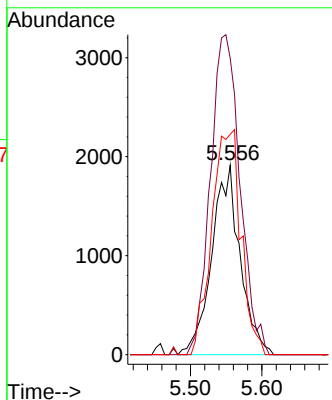
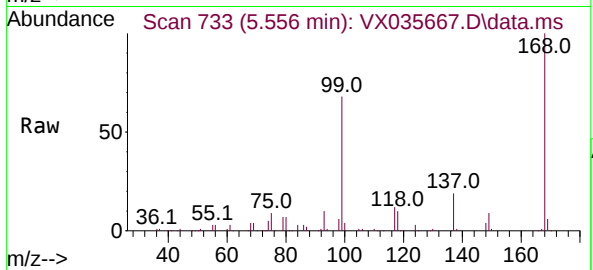




#31
Cyclohexane
Concen: 1.231 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX035667.D
Acq: 15 May 2023 15:59

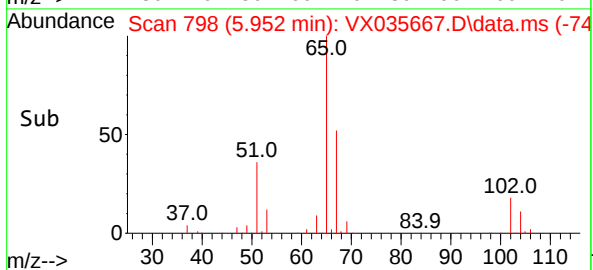
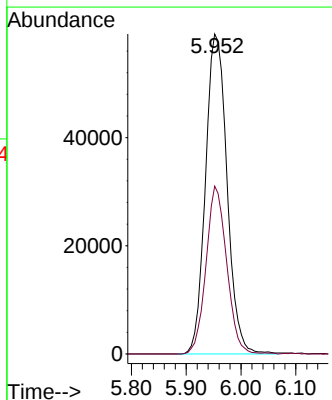
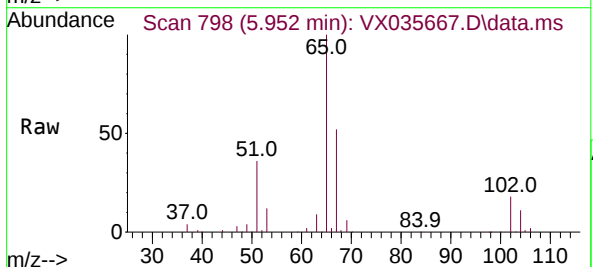
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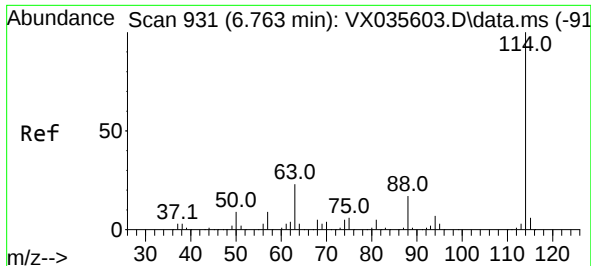
Tgt Ion: 56 Resp: 5263
Ion Ratio Lower Upper
56 100
69 156.6 23.7 35.5#
84 116.4 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.584 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX035667.D
Acq: 15 May 2023 15:59

Tgt Ion: 65 Resp: 161081
Ion Ratio Lower Upper
65 100
67 50.3 0.0 104.0

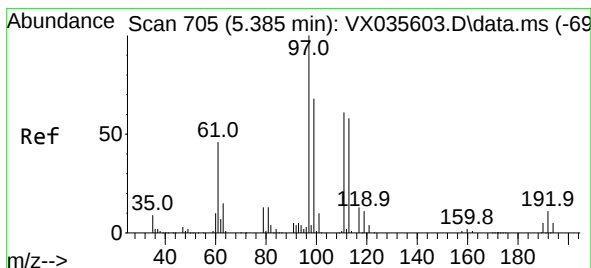
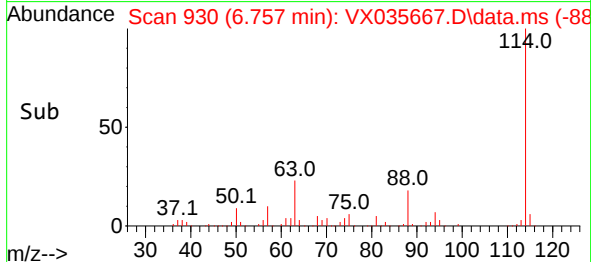
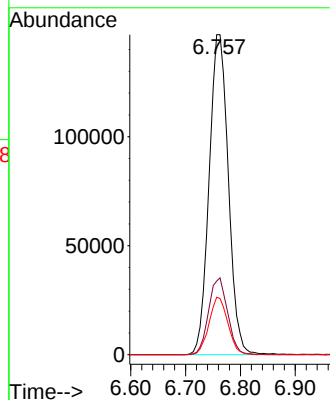
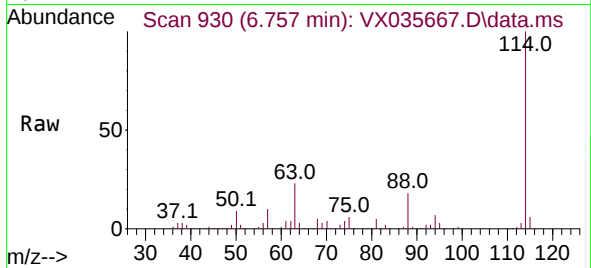




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX035667.D
Acq: 15 May 2023 15:59

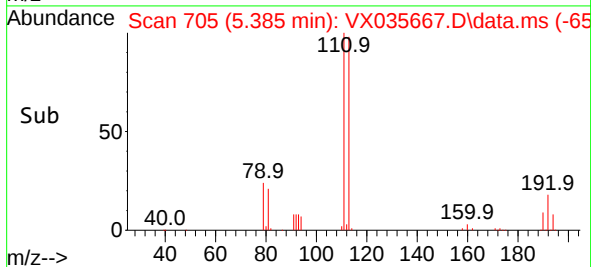
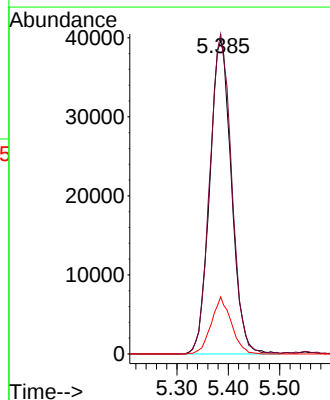
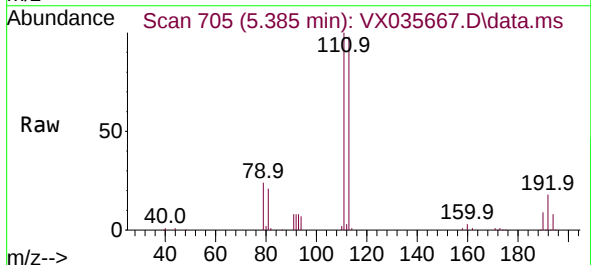
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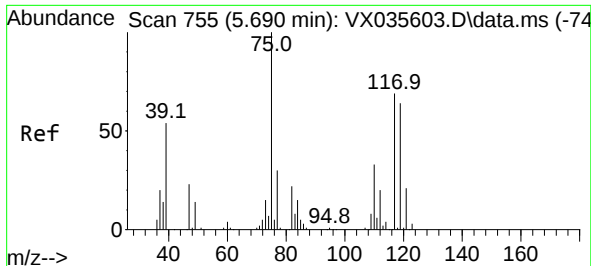
Tgt Ion:114 Resp: 357443
Ion Ratio Lower Upper
114 100
63 23.0 0.0 42.2
88 17.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.296 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035667.D
Acq: 15 May 2023 15:59

Tgt Ion:113 Resp: 116422
Ion Ratio Lower Upper
113 100
111 102.2 83.7 125.5
192 16.8 15.4 23.2

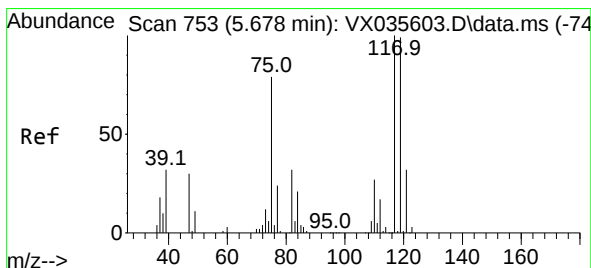
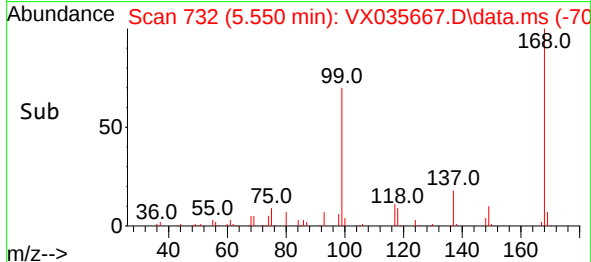
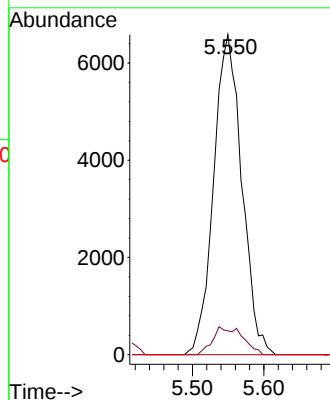
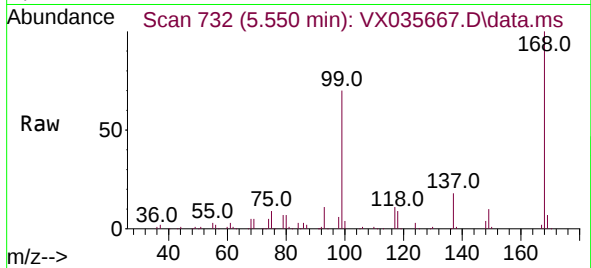




#36
1,1-Dichloropropene
Concen: 4.733 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX035667.D
Acq: 15 May 2023 15:59

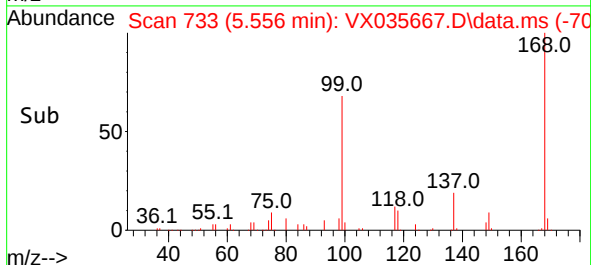
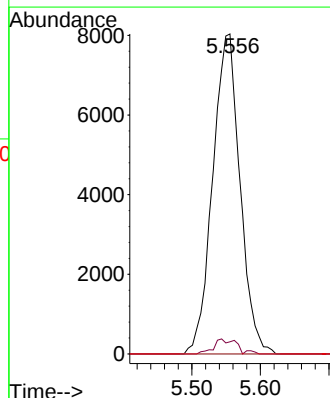
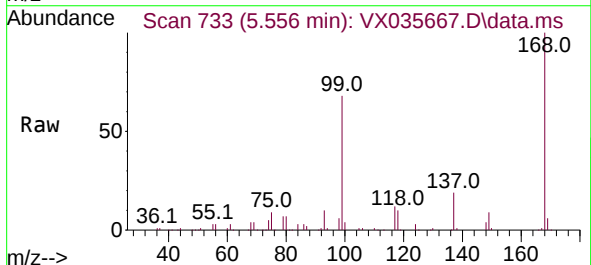
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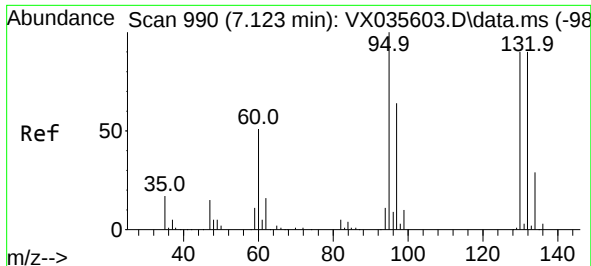
Tgt Ion: 75 Resp: 18011
Ion Ratio Lower Upper
75 100
110 9.2 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.169 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX035667.D
Acq: 15 May 2023 15:59

Tgt Ion: 117 Resp: 22235
Ion Ratio Lower Upper
117 100
119 3.8 76.6 114.8#
121 0.0 23.8 35.6#

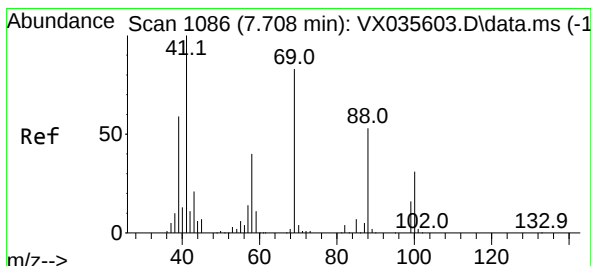
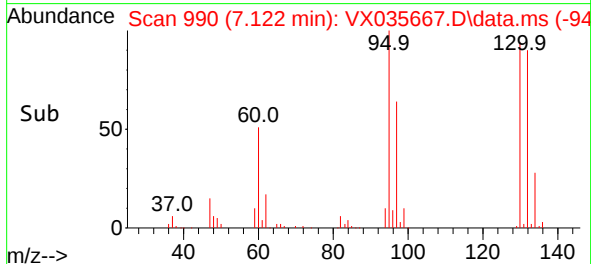
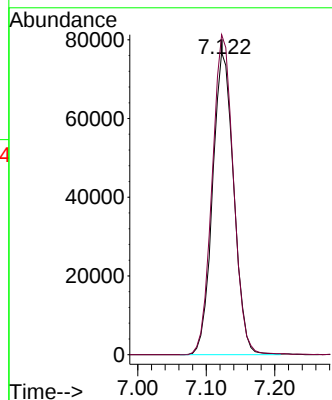
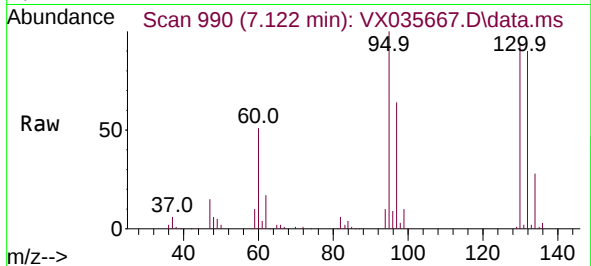




#44
Trichloroethene
Concen: 61.051 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.001 min
Lab File: VX035667.D
Acq: 15 May 2023 15:59

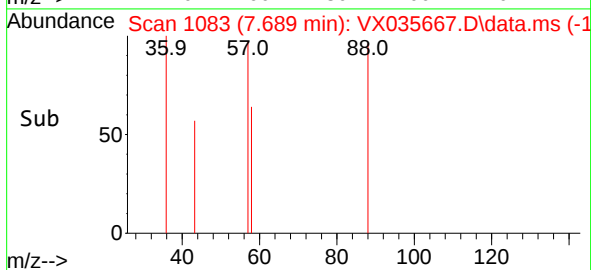
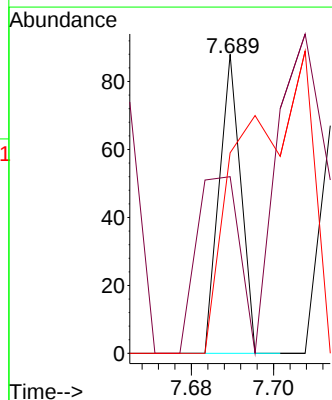
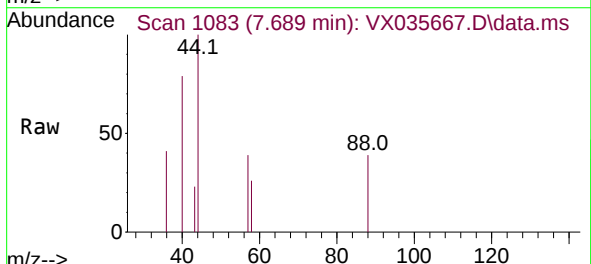
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-04-81-05092023

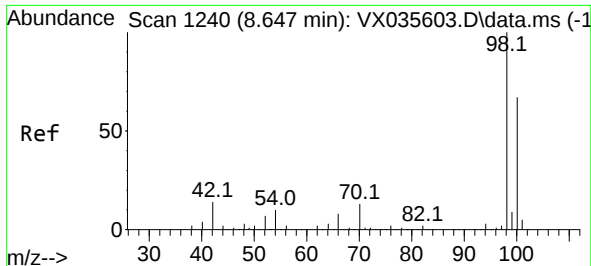
Tgt Ion:130 Resp: 164781
Ion Ratio Lower Upper
130 100
95 105.9 0.0 198.4



#49
1,4-Dioxane
Concen: 2.423 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.019 min
Lab File: VX035667.D
Acq: 15 May 2023 15:59

Tgt Ion: 88 Resp: 32
Ion Ratio Lower Upper
88 100
43 118.8 27.7 41.5#
58 0.0 56.8 85.2#

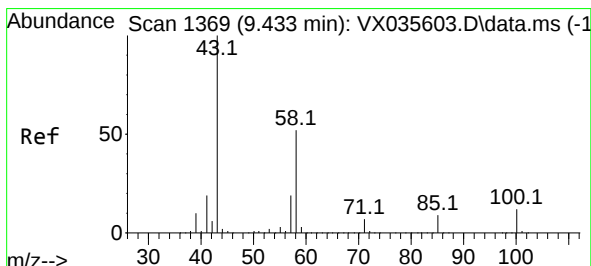
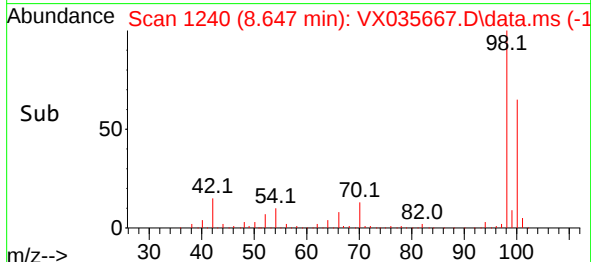
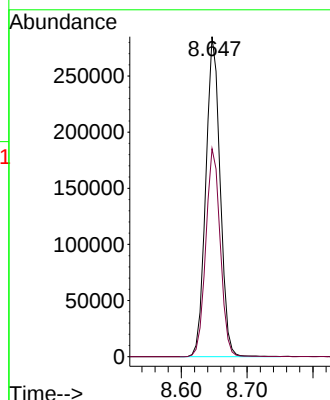
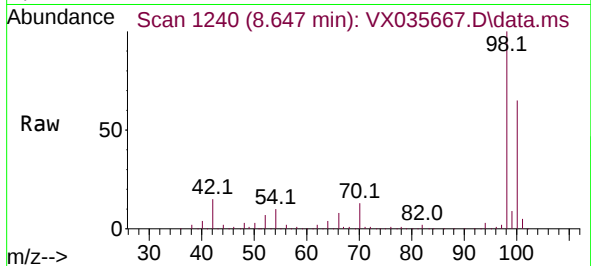




#50
Toluene-d8
Concen: 48.566 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035667.D
Acq: 15 May 2023 15:59

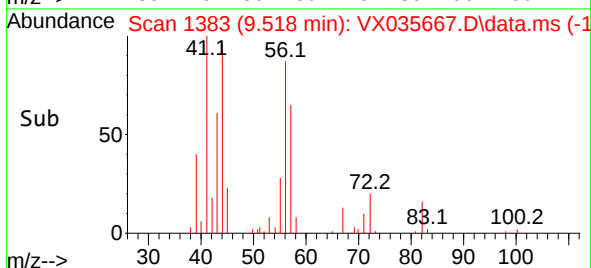
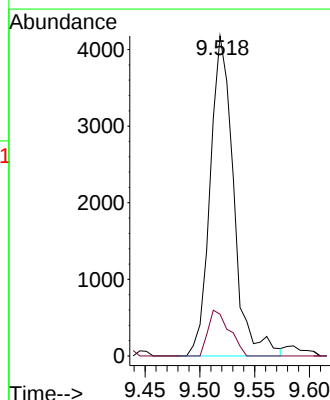
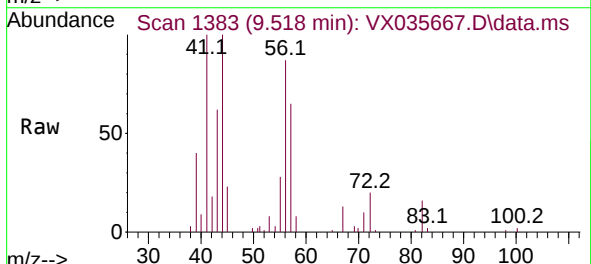
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-04-81-05092023

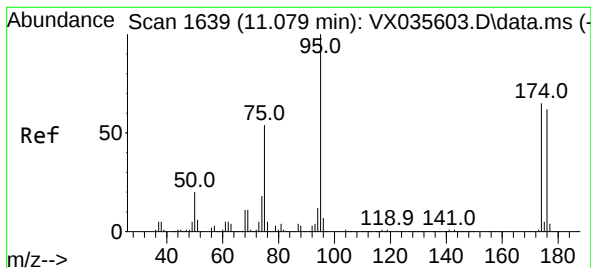
Tgt Ion: 98 Resp: 432494
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#59
2-Hexanone
Concen: 2.070 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.085 min
Lab File: VX035667.D
Acq: 15 May 2023 15:59

Tgt Ion: 43 Resp: 6215
Ion Ratio Lower Upper
43 100
58 12.9 26.3 78.9#

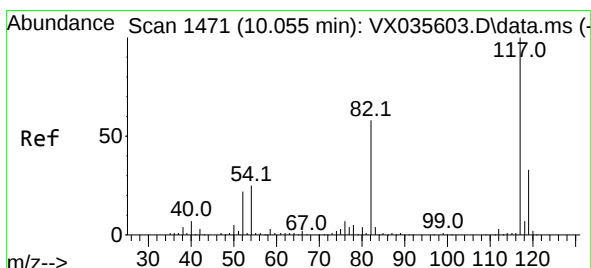
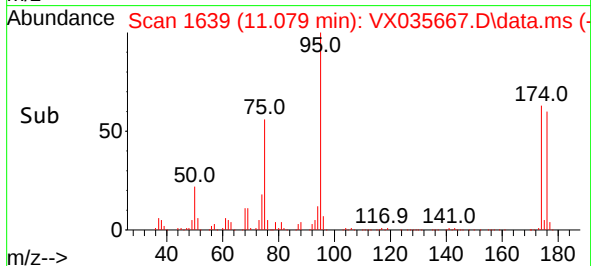
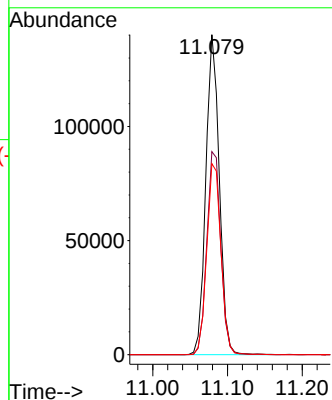
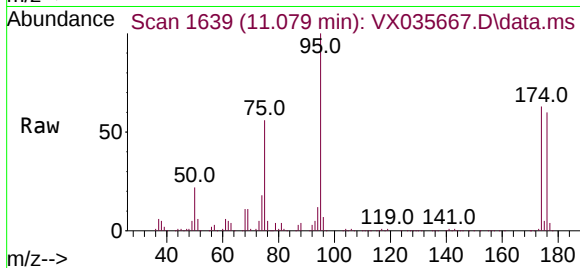




#62
4-Bromofluorobenzene
Concen: 48.935 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035667.D
Acq: 15 May 2023 15:59

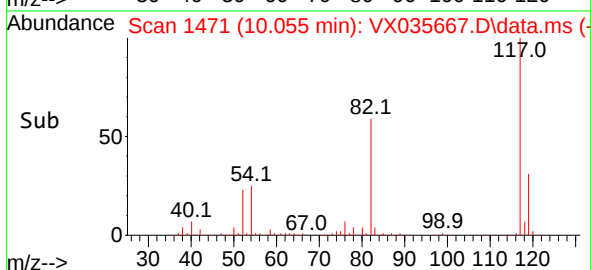
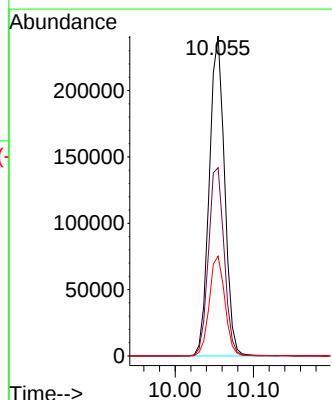
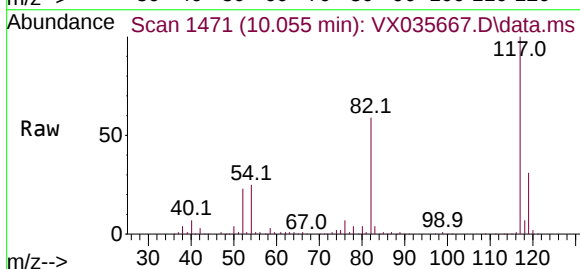
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-04-81-05092023

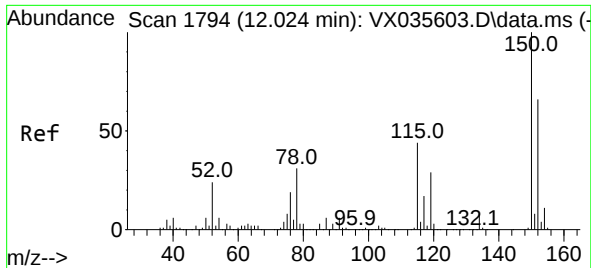
Tgt Ion: 95 Resp: 175463
Ion Ratio Lower Upper
95 100
174 65.6 0.0 147.4
176 62.8 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035667.D
Acq: 15 May 2023 15:59

Tgt Ion: 117 Resp: 326341
Ion Ratio Lower Upper
117 100
82 58.9 45.0 67.4
119 31.2 26.0 39.0

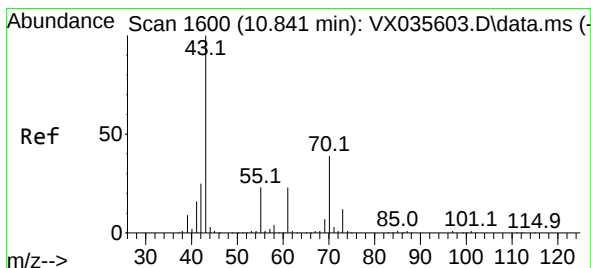
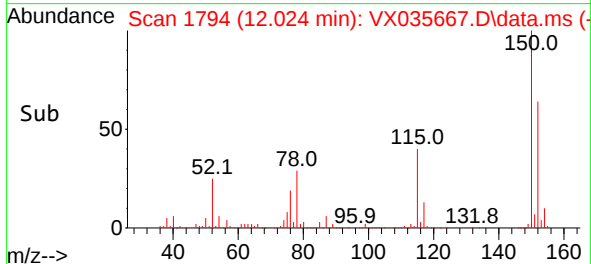
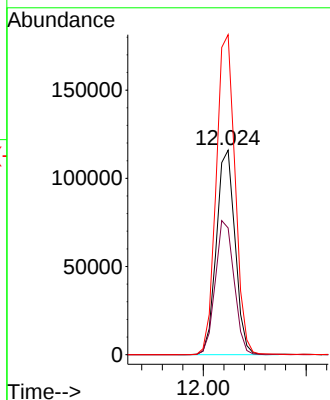
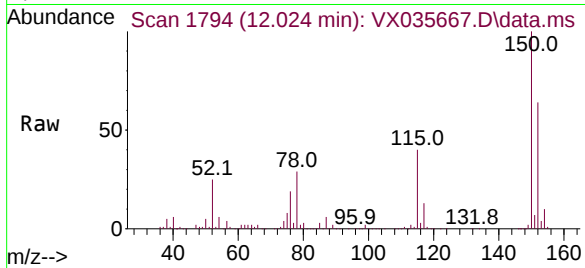




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX035667.D
Acq: 15 May 2023 15:59

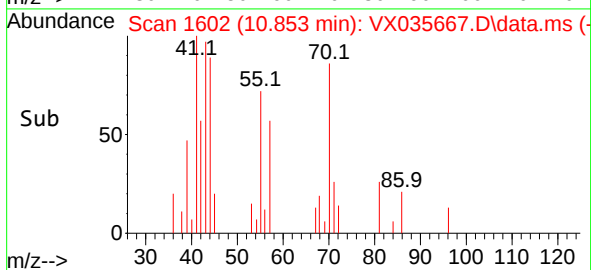
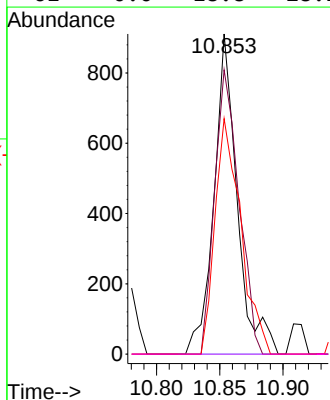
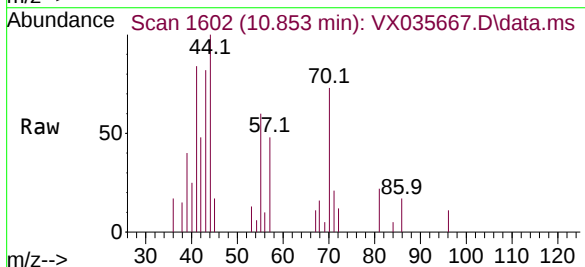
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-04-81-05092023

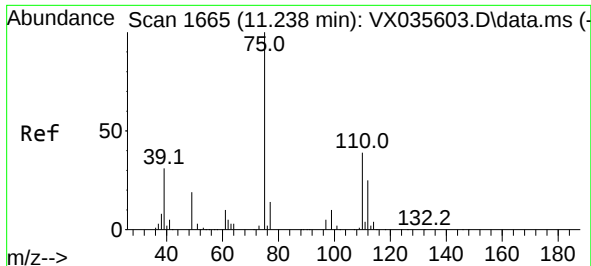
Tgt Ion:152 Resp: 145869
Ion Ratio Lower Upper
152 100
115 65.9 45.0 135.0
150 158.4 0.0 352.4



#74
N-ethyl acetate
Concen: 0.202 ug/l
RT: 10.853 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX035667.D
Acq: 15 May 2023 15:59

Tgt Ion: 43 Resp: 1159
Ion Ratio Lower Upper
43 100
70 93.3 32.1 48.1#
55 82.1 18.3 27.5#
61 0.0 18.8 28.2#

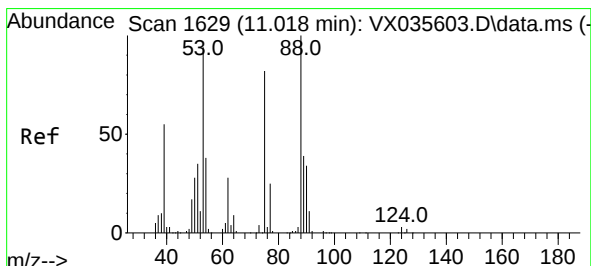
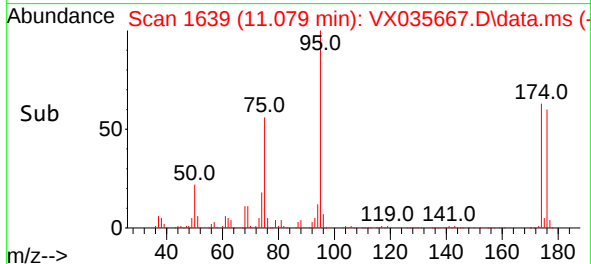
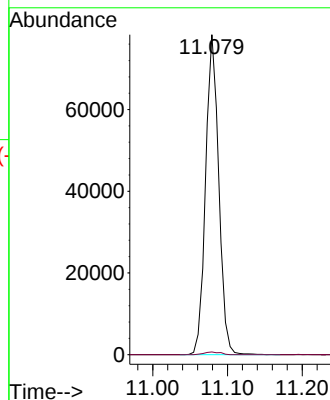
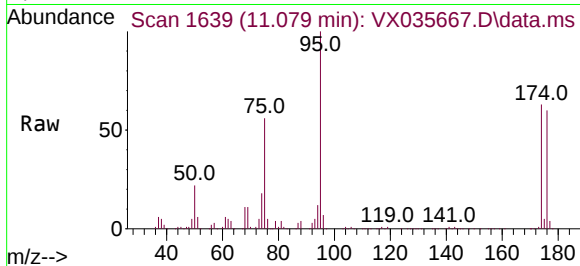




#76
1,2,3-Trichloropropane
Concen: 26.791 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035667.D
Acq: 15 May 2023 15:59

Instrument : MSVOA_X
ClientSampleId : FSND-PRO-04-81-05092023

Tgt Ion: 75 Resp: 95590
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.343 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035667.D
Acq: 15 May 2023 15:59

Tgt Ion: 75 Resp: 95590
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

