

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051623\
 Data File : VX035692.D
 Acq On : 16 May 2023 15:39
 Operator : JC/MD
 Sample : 02751-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: May 17 05:31:29 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)

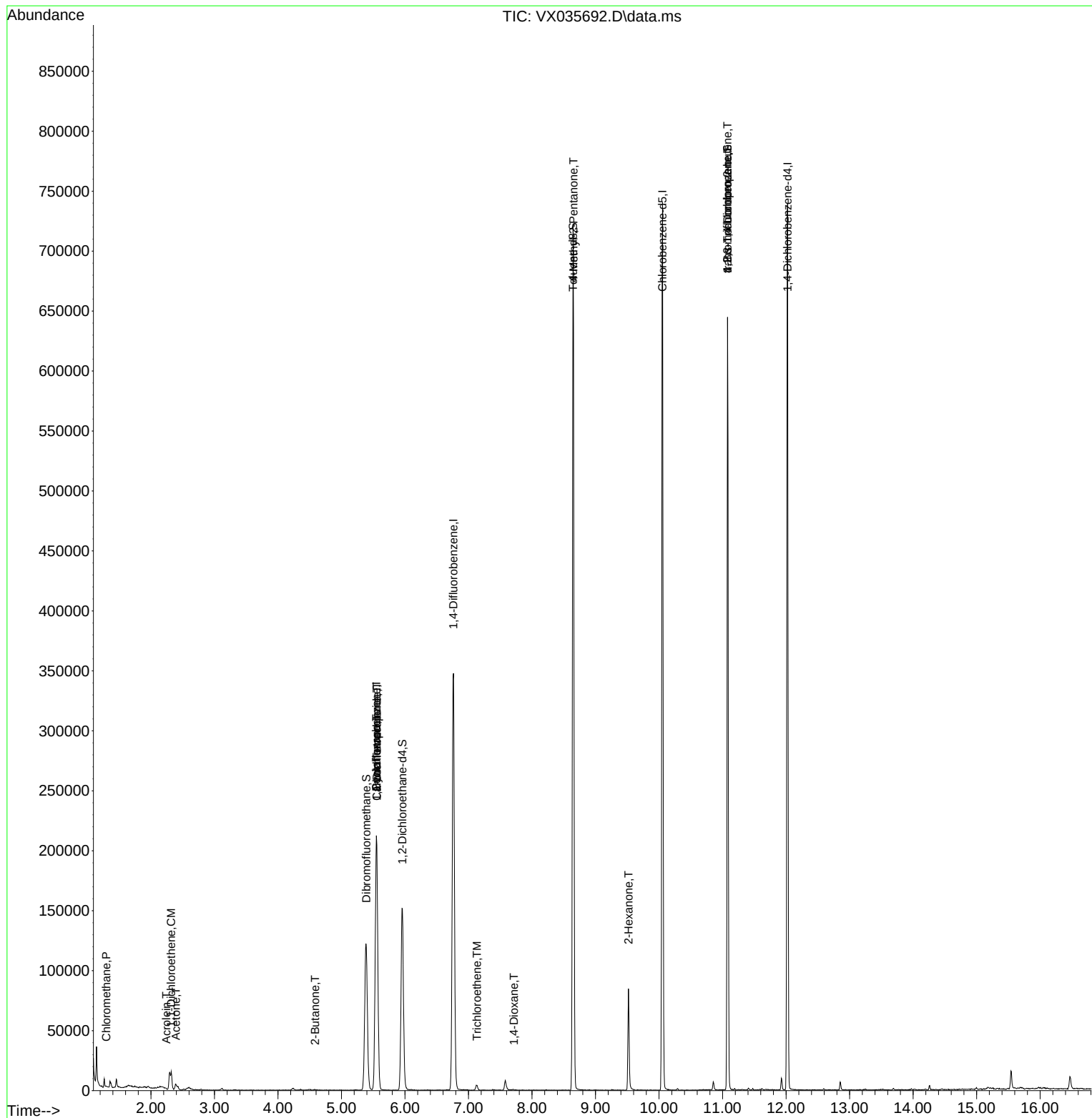
Internal Standards						
1) Pentafluorobenzene	5.550	168	178406	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	331679	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	306473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153797	49.415	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.820%
35) Dibromofluoromethane	5.391	113	107437	48.031	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.060%
50) Toluene-d8	8.647	98	400729	48.494	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.980%
62) 4-Bromofluorobenzene	11.079	95	168851	50.749	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.500%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	676	0.240	ug/l	# 75
12) 1,1-Dichloroethene	2.319	96	3540	1.782	ug/l	98
13) Acrolein	2.239	56	359	0.551	ug/l	# 81
16) Acetone	2.392	43	5938	4.439	ug/l	92
25) 2-Butanone	4.586	43	905	0.489	ug/l	# 51
31) Cyclohexane	5.550	56	4730	1.203	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	17289	4.897	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	20834	6.229	ug/l	# 14
44) Trichloroethene	7.135	130	1473	0.588	ug/l	98
49) 1,4-Dioxane	7.714	88	237	5.371	ug/l	# 54
51) 4-Methyl-2-Pentanone	8.653	43	2232	0.603	ug/l	# 1
59) 2-Hexanone	9.519	43	12007	4.309	ug/l	# 49
76) 1,2,3-Trichloropropane	11.079	75	93705	26.580	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	93705	85.663	ug/l	# 8

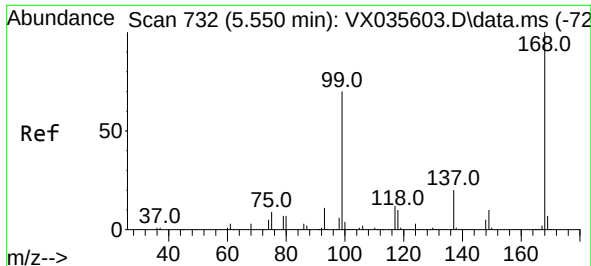
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

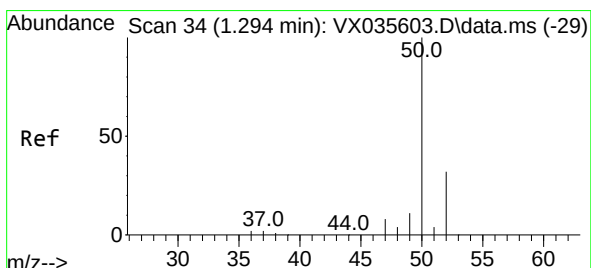
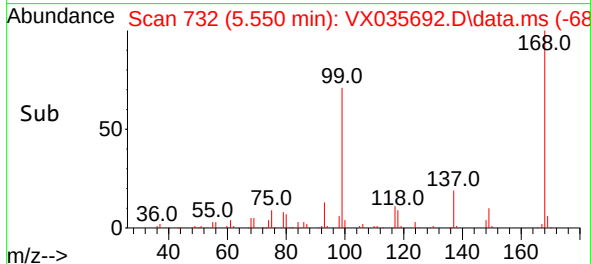
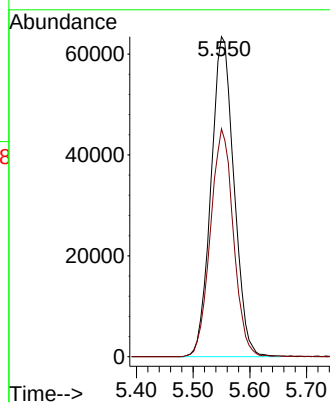
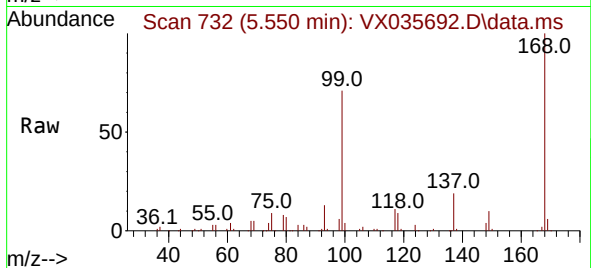




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035692.D
Acq: 16 May 2023 15:39

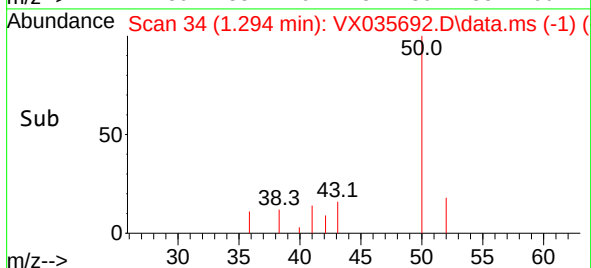
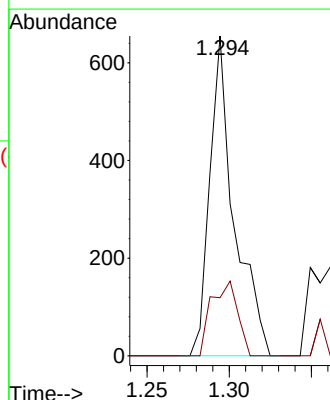
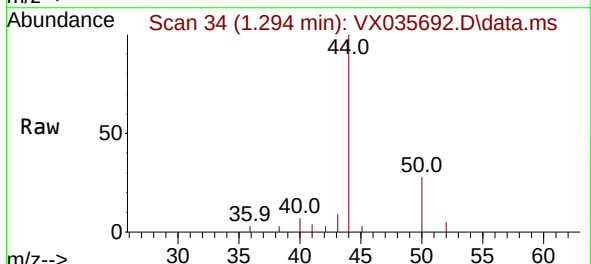
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-01-99-05062023

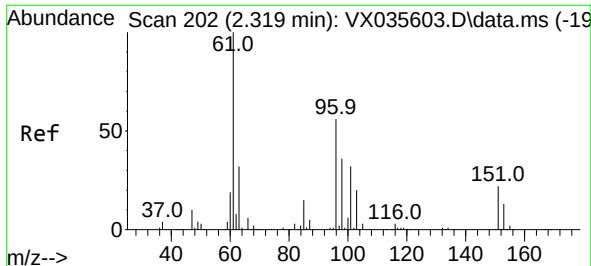
Tgt Ion:168 Resp: 178406
Ion Ratio Lower Upper
168 100
99 71.2 45.7 68.5#



#3
Chloromethane
Concen: 0.240 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035692.D
Acq: 16 May 2023 15:39

Tgt Ion: 50 Resp: 676
Ion Ratio Lower Upper
50 100
52 18.2 25.9 38.9#





#12

1,1-Dichloroethene

Concen: 1.782 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX035692.D

Acq: 16 May 2023 15:39

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-01-99-05062023

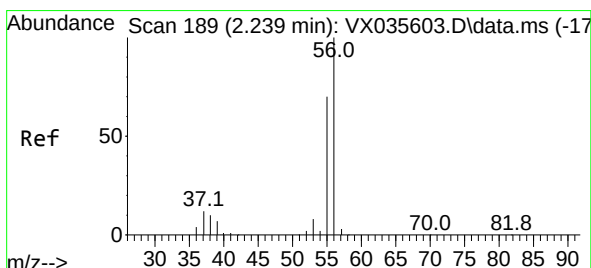
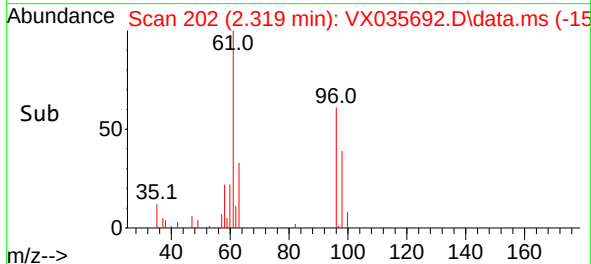
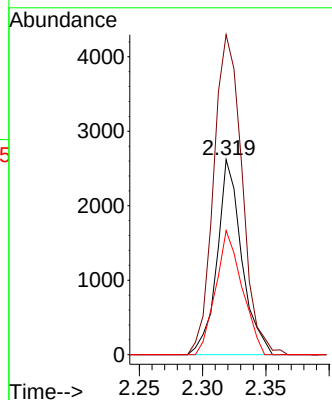
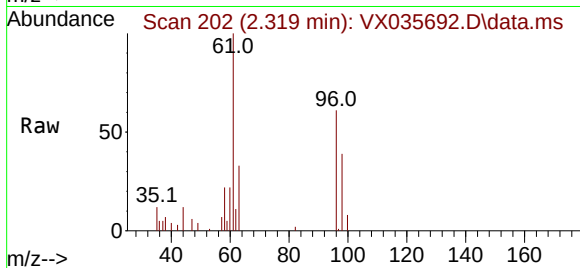
Tgt Ion: 96 Resp: 3540

Ion Ratio Lower Upper

96 100

61 164.0 128.8 193.2

98 63.6 51.4 77.0



#13

Acrolein

Concen: 0.551 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX035692.D

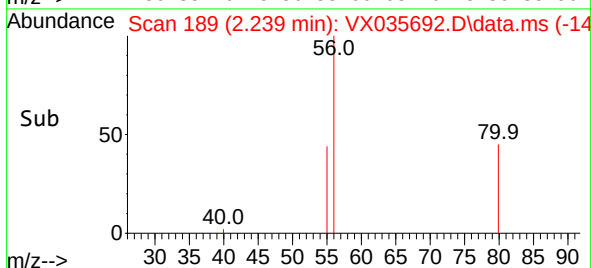
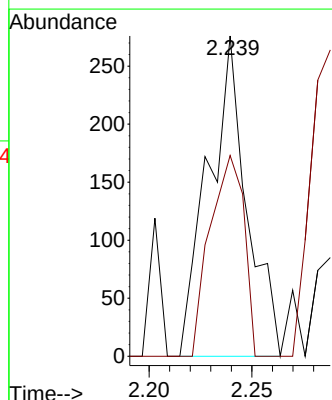
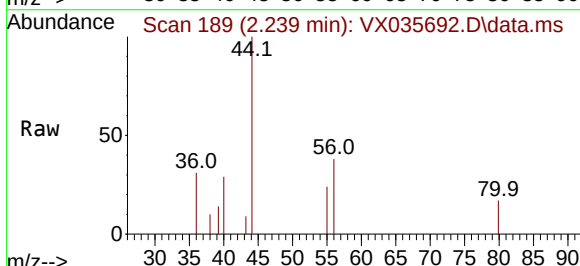
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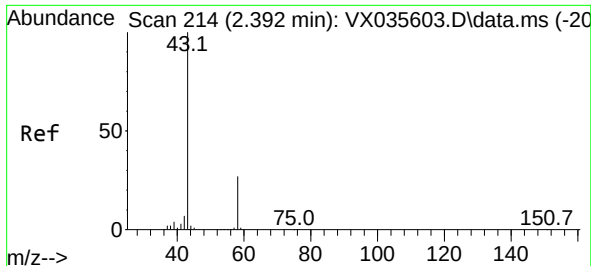
Tgt Ion: 56 Resp: 359

Ion Ratio Lower Upper

56 100

55 55.4 56.6 85.0#

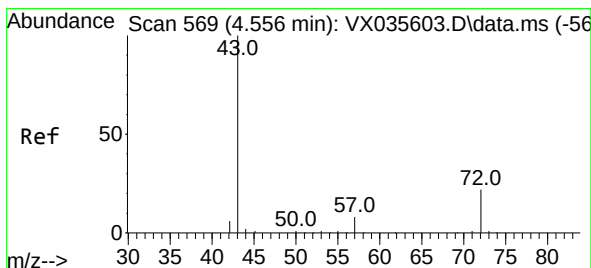
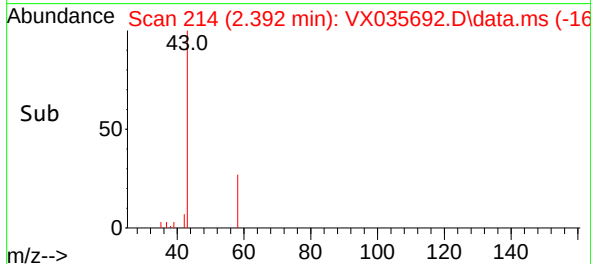
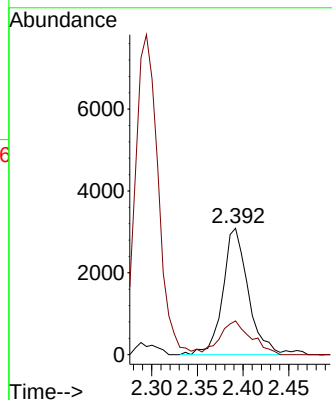
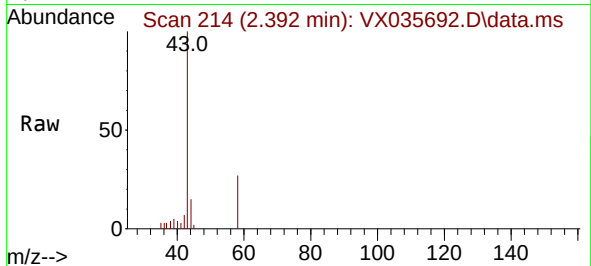




#16
Acetone
Concen: 4.439 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX035692.D
Acq: 16 May 2023 15:39

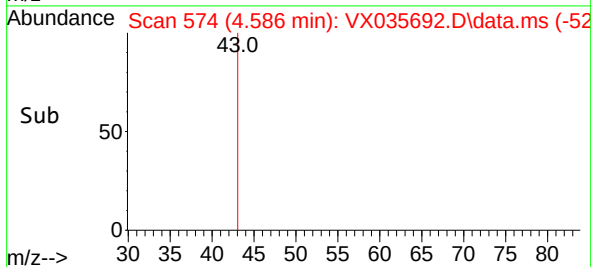
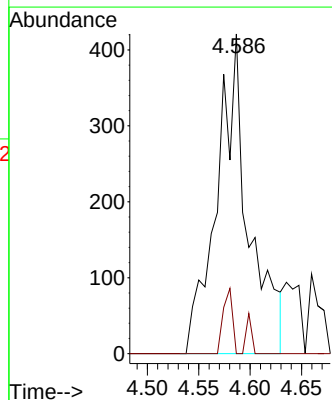
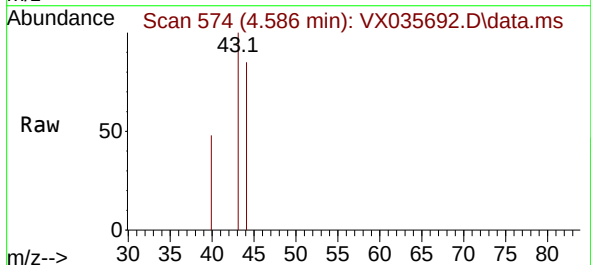
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-01-99-05062023

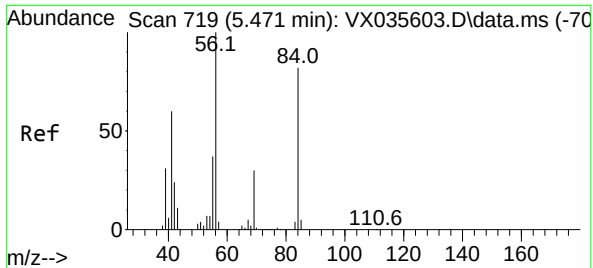
Tgt Ion: 43 Resp: 5938
Ion Ratio Lower Upper
43 100
58 26.7 24.7 37.1



#25
2-Butanone
Concen: 0.489 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.030 min
Lab File: VX035692.D
Acq: 16 May 2023 15:39

Tgt Ion: 43 Resp: 905
Ion Ratio Lower Upper
43 100
72 0.0 19.3 28.9#

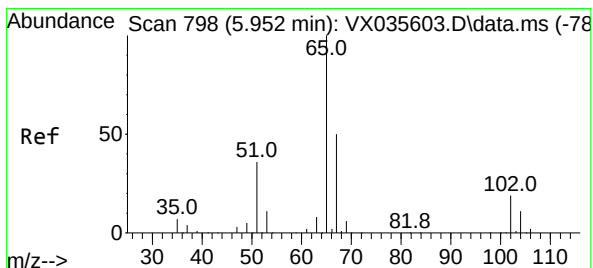
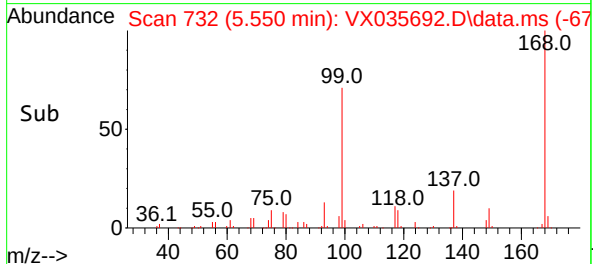
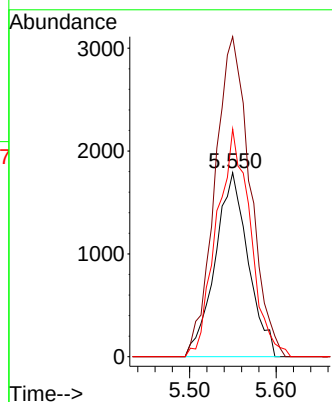
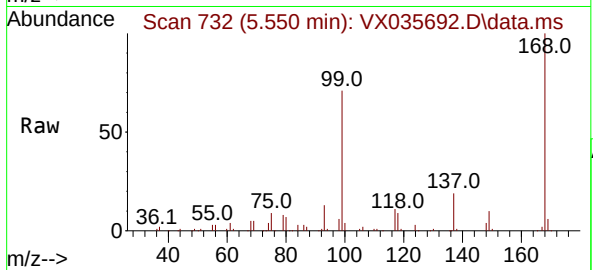




#31
Cyclohexane
Concen: 1.203 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX035692.D
Acq: 16 May 2023 15:39

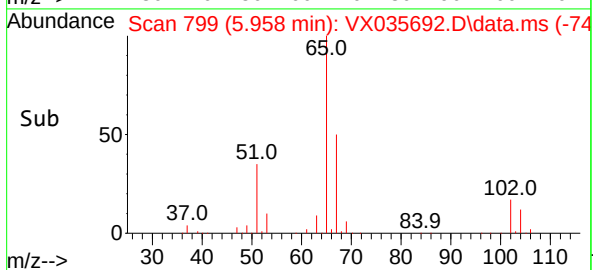
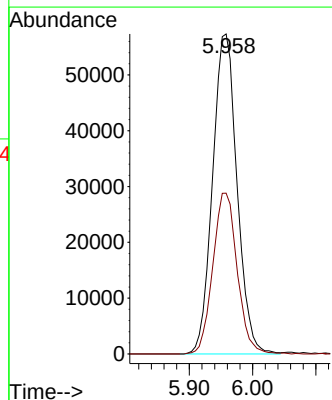
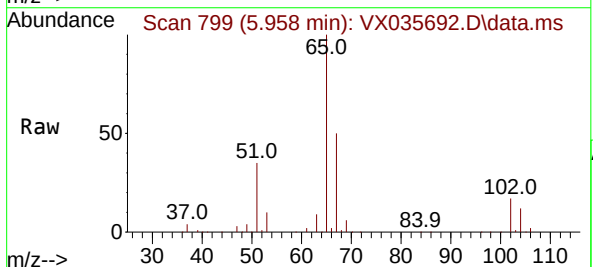
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-01-99-05062023

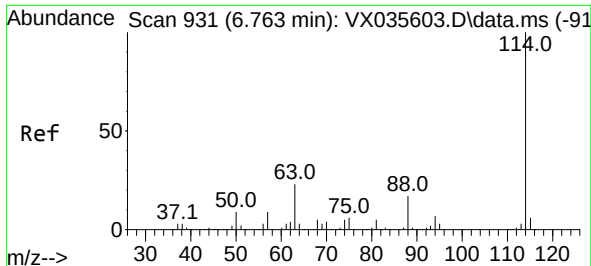
Tgt Ion: 56 Resp: 4730
Ion Ratio Lower Upper
56 100
69 174.0 23.7 35.5#
84 123.8 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 49.415 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX035692.D
Acq: 16 May 2023 15:39

Tgt Ion: 65 Resp: 153797
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.0

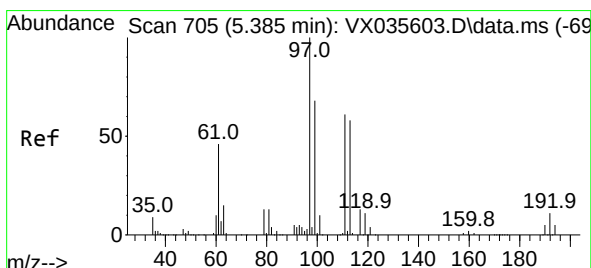
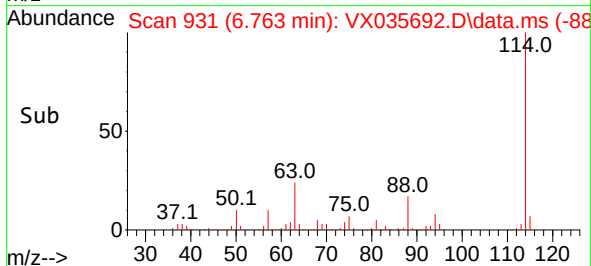
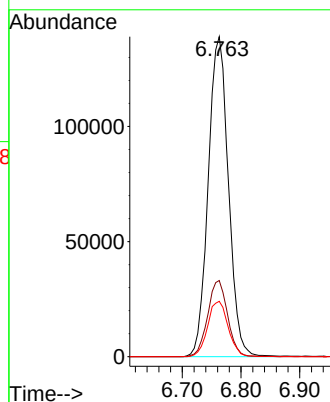
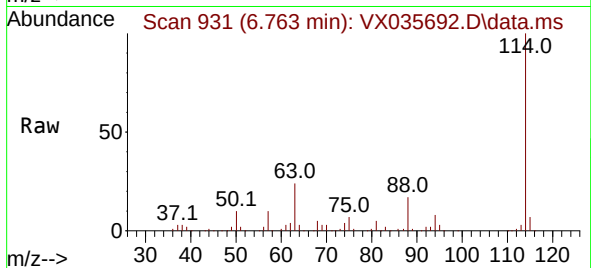




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035692.D
Acq: 16 May 2023 15:39

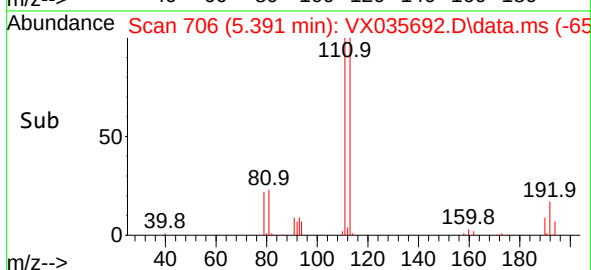
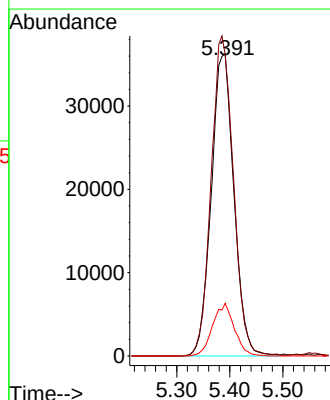
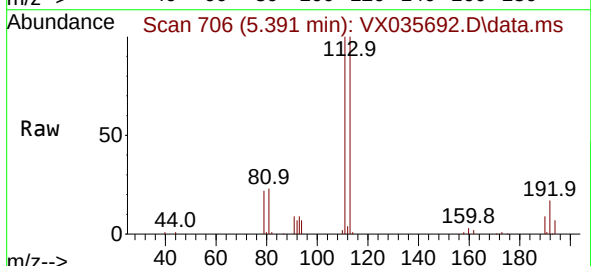
Instrument :
MSVOA_X
ClientSampleId :
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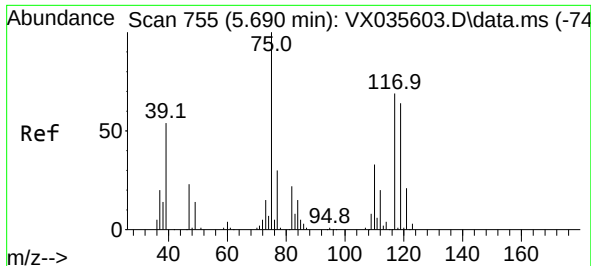
Tgt Ion:114 Resp: 331679
Ion Ratio Lower Upper
114 100
63 23.8 0.0 42.2
88 17.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.031 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX035692.D
Acq: 16 May 2023 15:39

Tgt Ion:113 Resp: 107437
Ion Ratio Lower Upper
113 100
111 104.3 83.7 125.5
192 16.7 15.4 23.2

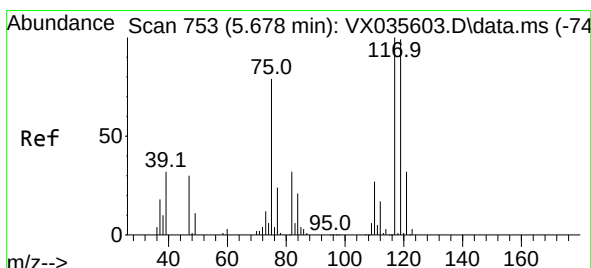
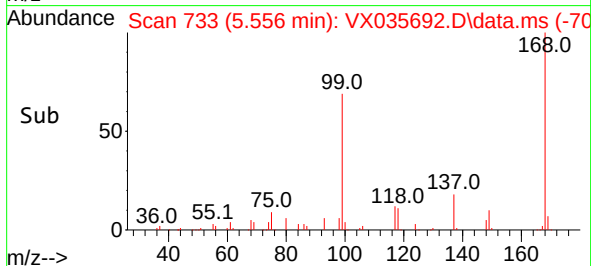
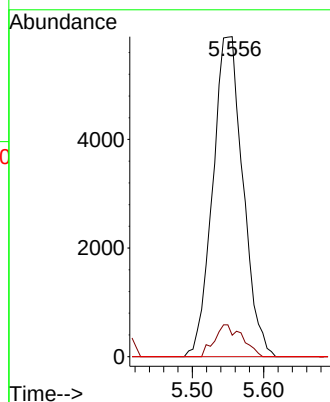
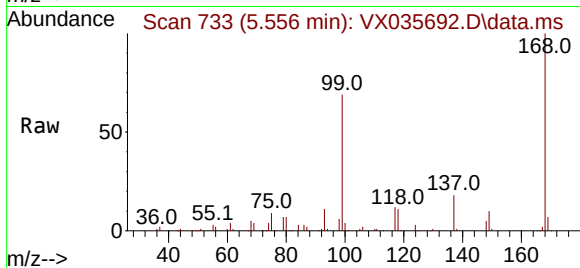




#36
1,1-Dichloropropene
Concen: 4.897 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX035692.D
Acq: 16 May 2023 15:39

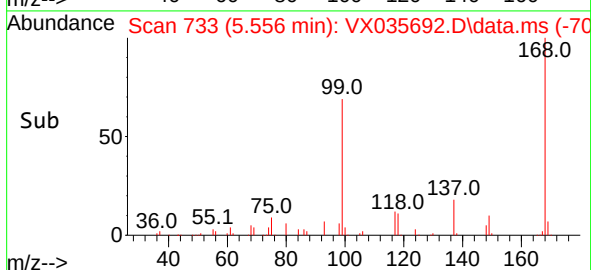
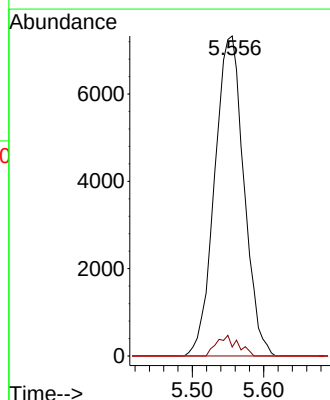
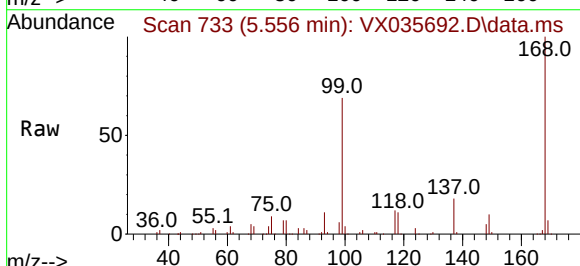
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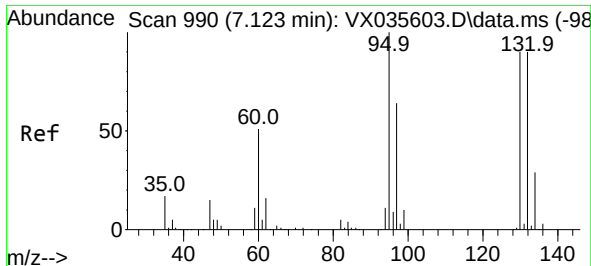
Tgt Ion: 75 Resp: 17289
Ion Ratio Lower Upper
75 100
110 9.1 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.229 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX035692.D
Acq: 16 May 2023 15:39

Tgt Ion: 117 Resp: 20834
Ion Ratio Lower Upper
117 100
119 2.8 76.6 114.8#
121 0.0 23.8 35.6#

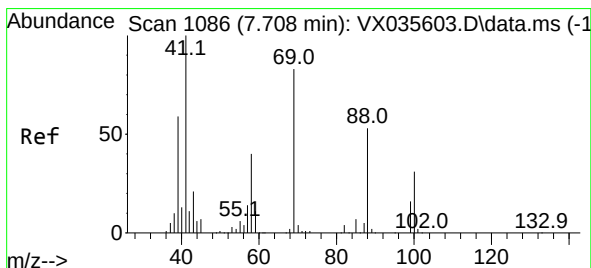
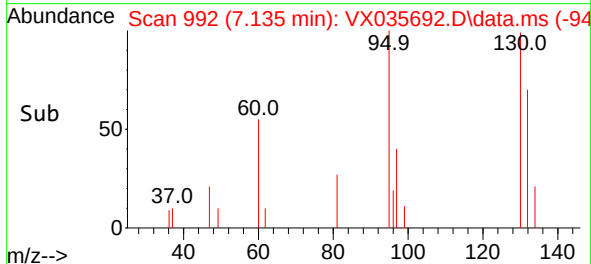
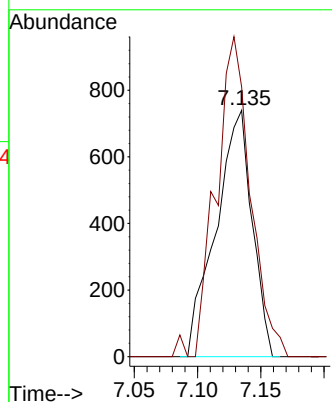
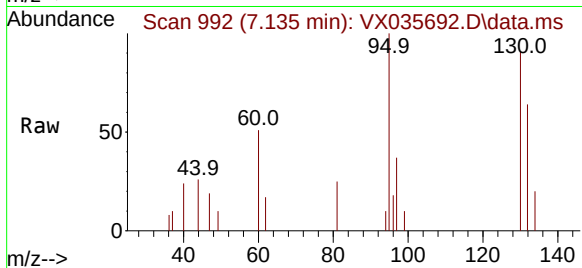




#44
Trichloroethene
Concen: 0.588 ug/l
RT: 7.135 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX035692.D
Acq: 16 May 2023 15:39

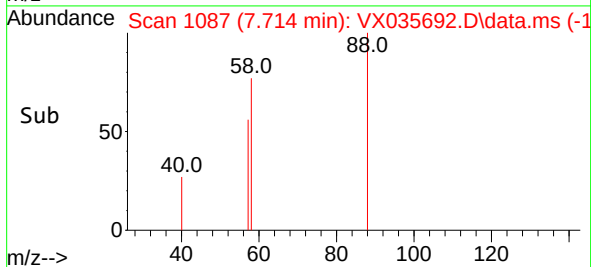
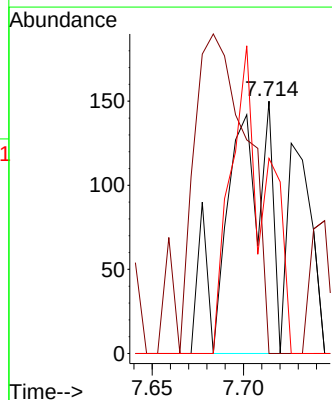
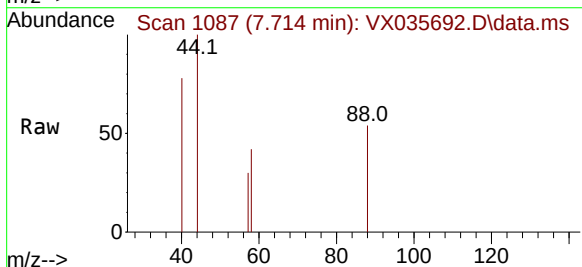
Instrument :
MSVOA_X
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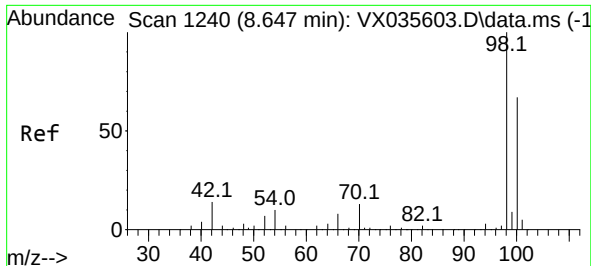
Tgt Ion:130 Resp: 1473
Ion Ratio Lower Upper
130 100
95 101.6 0.0 198.4



#49
1,4-Dioxane
Concen: 5.371 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VX035692.D
Acq: 16 May 2023 15:39

Tgt Ion: 88 Resp: 237
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 103.8 56.8 85.2#

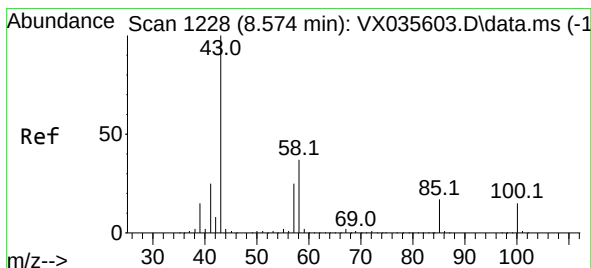
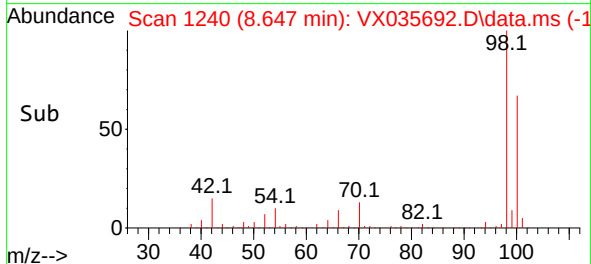
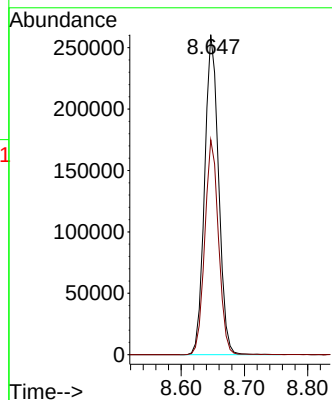
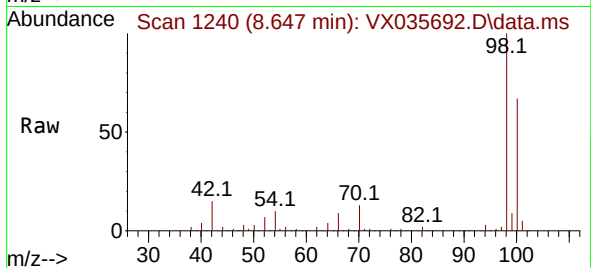




#50
Toluene-d8
Concen: 48.494 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035692.D
Acq: 16 May 2023 15:39

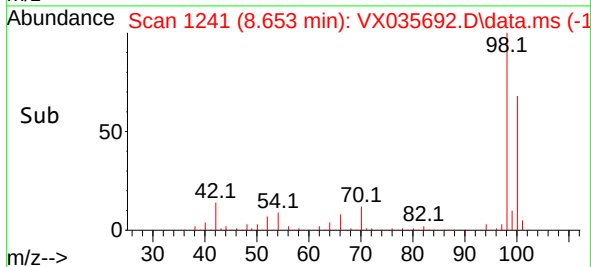
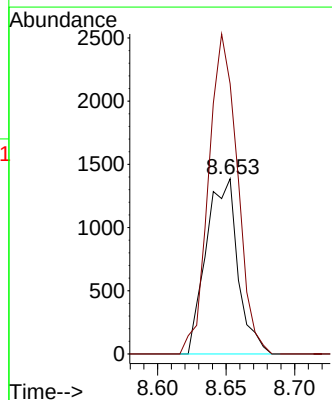
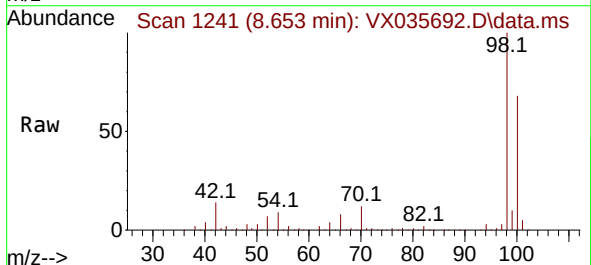
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-01-99-05062023

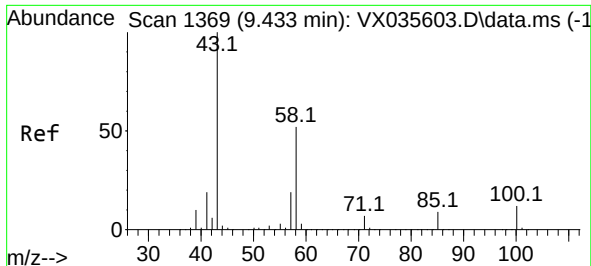
Tgt Ion: 98 Resp: 400729
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.603 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX035692.D
Acq: 16 May 2023 15:39

Tgt Ion: 43 Resp: 2232
Ion Ratio Lower Upper
43 100
58 165.9 30.6 46.0#





#59

2-Hexanone

Concen: 4.309 ug/l

RT: 9.519 min Scan# 11

Delta R.T. 0.086 min

Lab File: VX035692.D

Acq: 16 May 2023 15:39

Instrument :

MSVOA_X

ClientSampleId :

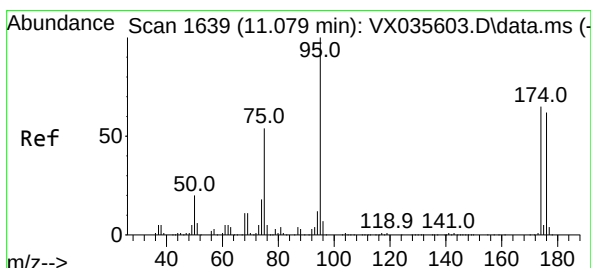
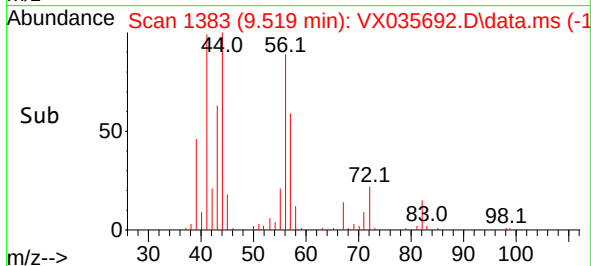
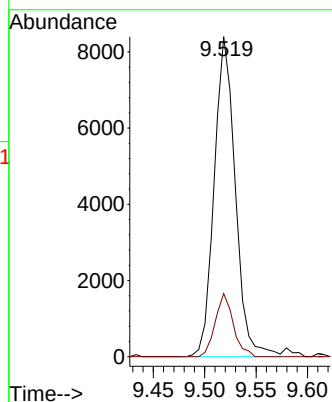
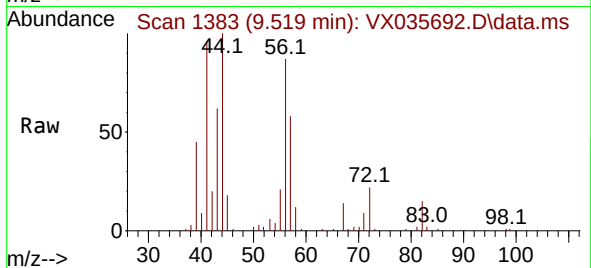
FSND-PRO-01-99-05062023

Tgt Ion: 43 Resp: 12007

Ion Ratio Lower Upper

43 100

58 16.8 26.3 78.9#



#62

4-Bromofluorobenzene

Concen: 50.749 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035692.D

Acq: 16 May 2023 15:39

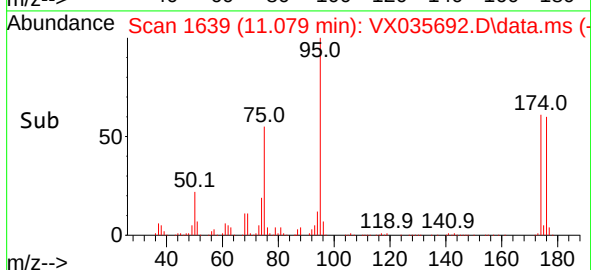
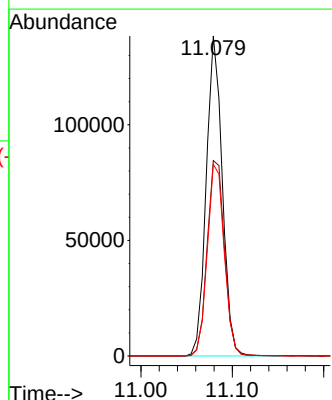
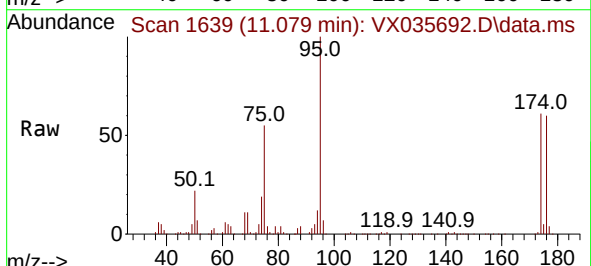
Tgt Ion: 95 Resp: 168851

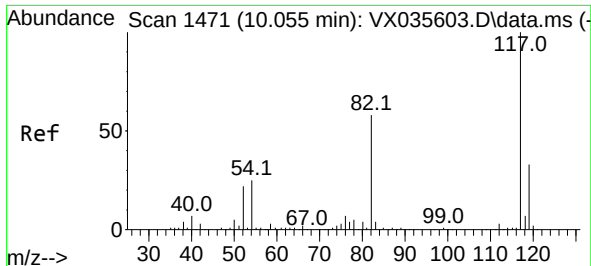
Ion Ratio Lower Upper

95 100

174 65.9 0.0 147.4

176 63.2 0.0 140.6

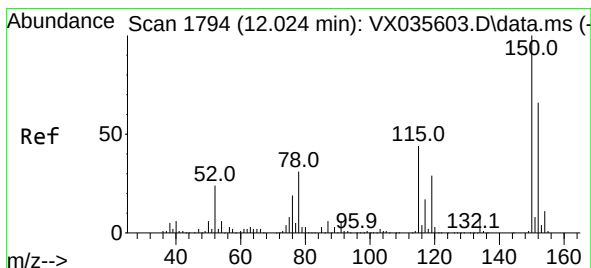
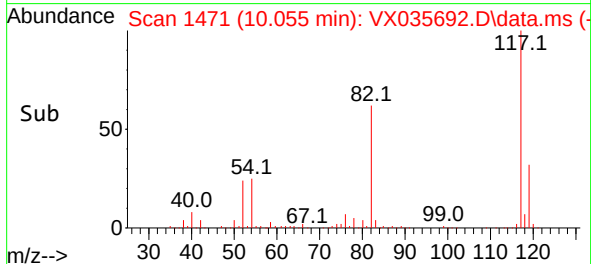
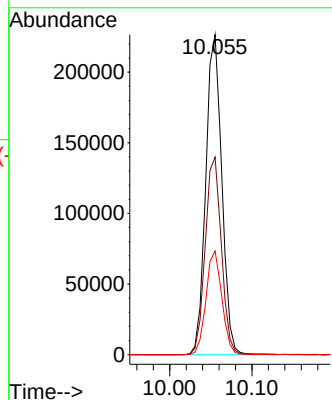
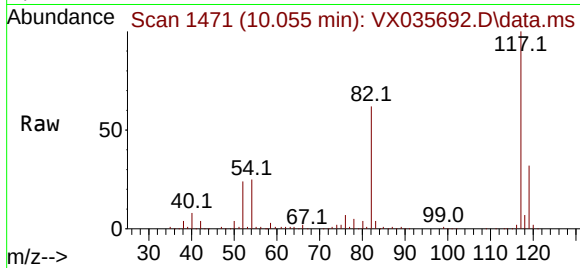




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035692.D
Acq: 16 May 2023 15:39

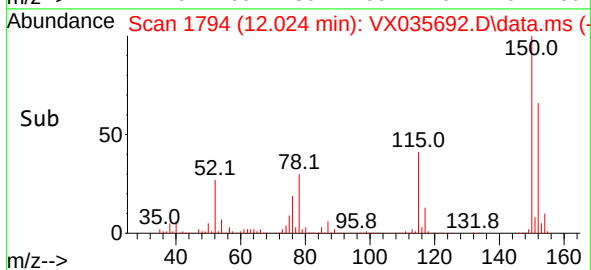
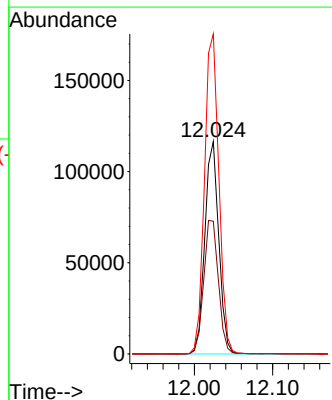
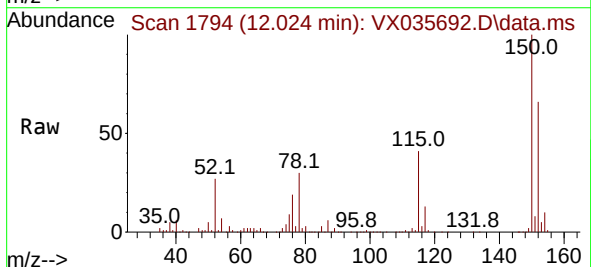
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-01-99-05062023

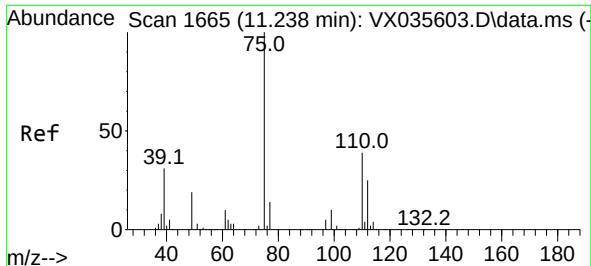
Tgt Ion:117 Resp: 306473
Ion Ratio Lower Upper
117 100
82 61.7 45.0 67.4
119 32.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035692.D
Acq: 16 May 2023 15:39

Tgt Ion:152 Resp: 144128
Ion Ratio Lower Upper
152 100
115 66.4 45.0 135.0
150 154.9 0.0 352.4

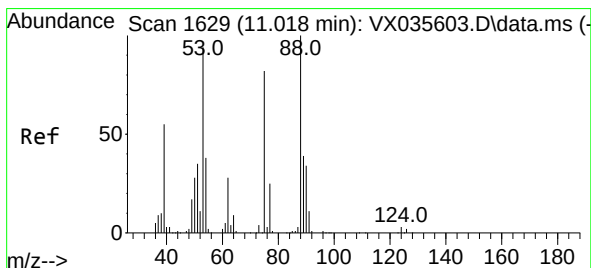
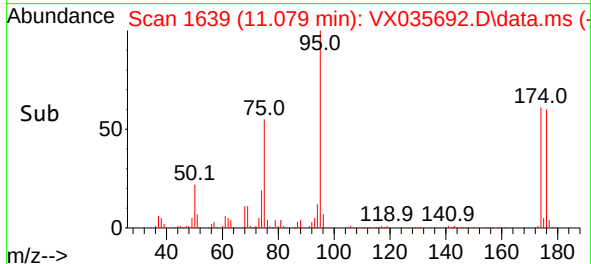
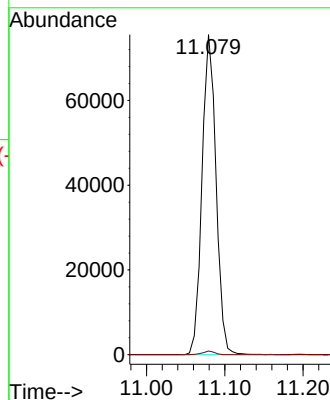
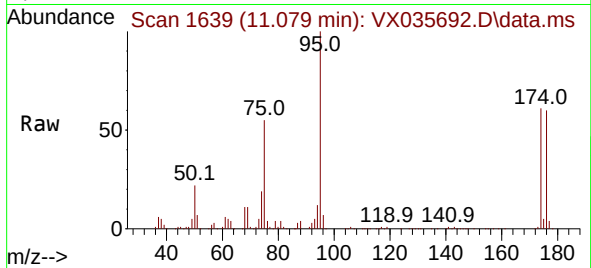




#76
1,2,3-Trichloropropane
Concen: 26.580 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035692.D
Acq: 16 May 2023 15:39

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

Tgt Ion: 75 Resp: 93705
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.663 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035692.D
Acq: 16 May 2023 15:39

Tgt Ion: 75 Resp: 93705
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

