

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051523\
 Data File : VX035668.D
 Acq On : 15 May 2023 16:22
 Operator : JC/MD
 Sample : 02751-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-DUP-02-05062023

Quant Time: May 16 05:01:14 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)

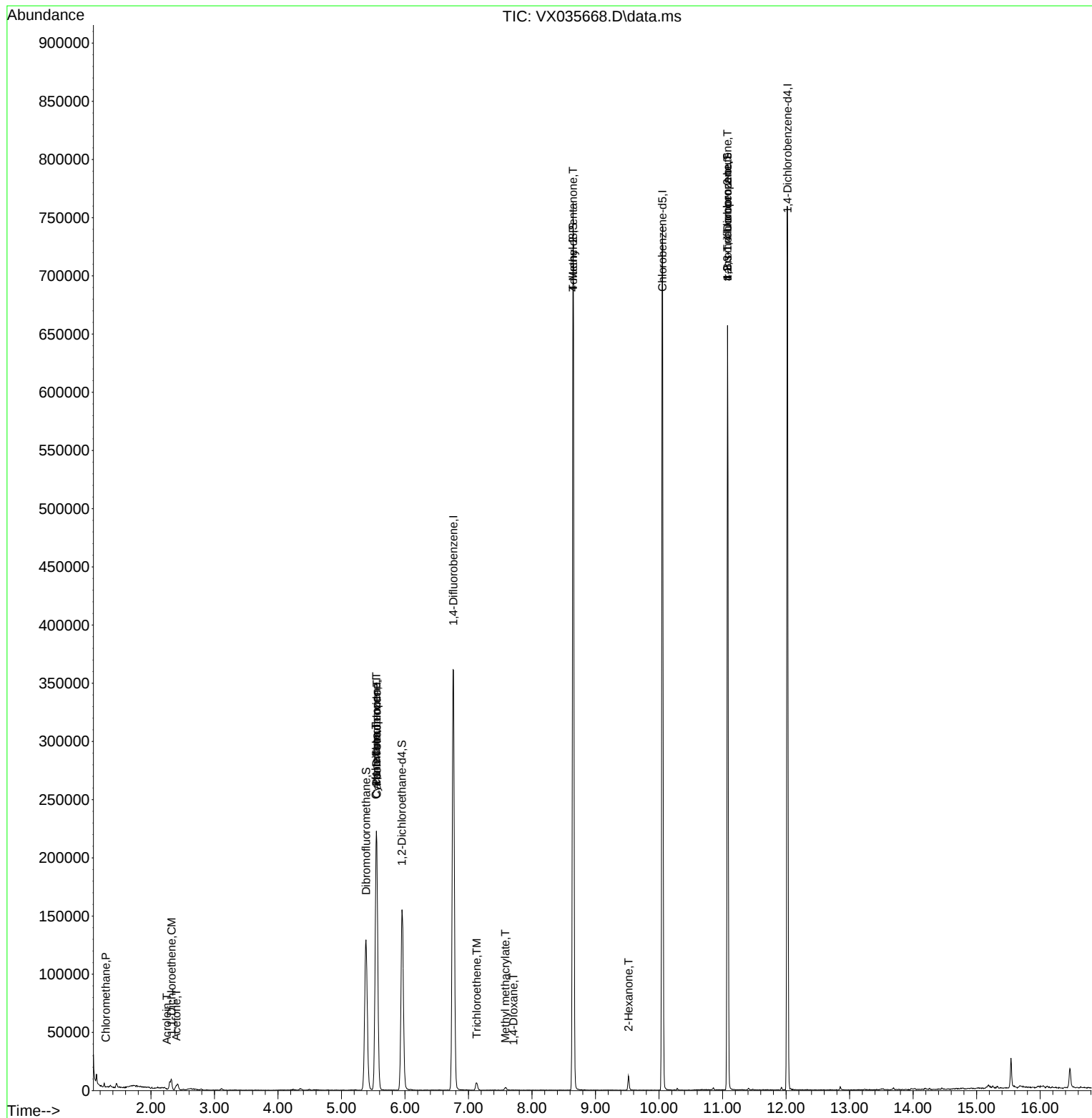
Internal Standards						
1) Pentafluorobenzene	5.550	168	189251	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	349747	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	316027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	157944	47.839	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.680%		
35) Dibromofluoromethane	5.385	113	111887	47.436	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.880%		
50) Toluene-d8	8.647	98	419257	48.115	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.240%		
62) 4-Bromofluorobenzene	11.079	95	171377	48.847	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.700%		
Target Compounds						Qvalue
3) Chloromethane	1.288	50	603	0.201	ug/l	# 42
12) 1,1-Dichloroethene	2.325	96	2585	1.227	ug/l	82
13) Acrolein	2.252	56	255	0.369	ug/l	# 37
16) Acetone	2.398	43	4840	3.411	ug/l	98
31) Cyclohexane	5.544	56	5341	1.280	ug/l	# 24
36) 1,1-Dichloropropene	5.550	75	17813	4.784	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	22765	6.455	ug/l	# 15
44) Trichloroethene	7.129	130	2598	0.984	ug/l	88
48) Methyl methacrylate	7.580	41	773	0.231	ug/l	# 45
49) 1,4-Dioxane	7.708	88	48	2.648	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.647	43	2574	0.660	ug/l	# 1
59) 2-Hexanone	9.519	43	1793	0.610	ug/l	# 48
76) 1,2,3-Trichloropropane	11.079	75	94957	26.985	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	94957	86.968	ug/l	# 8

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

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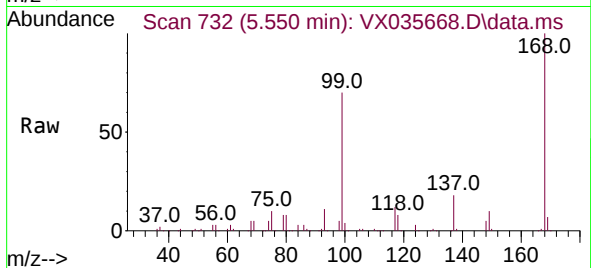
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
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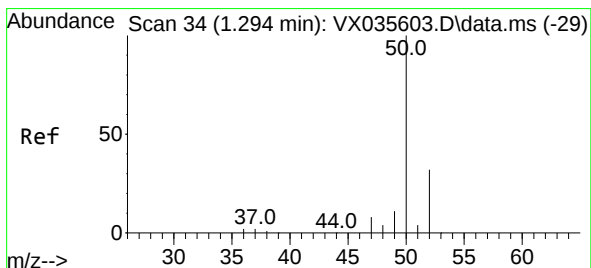
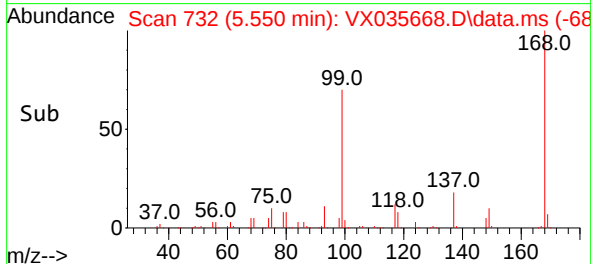
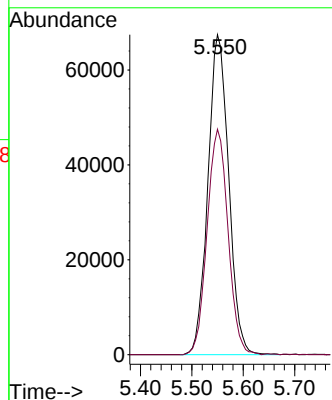


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035668.D
Acq: 15 May 2023 16:22

Instrument :
MSVOA_X
ClientSampleId :
FSND-DUP-02-05062023

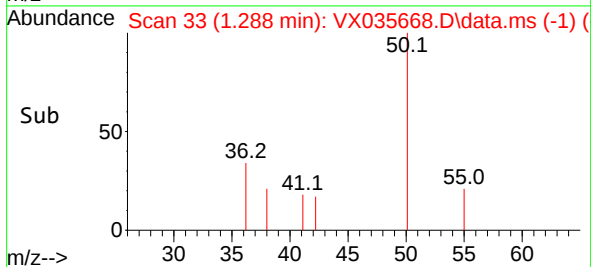
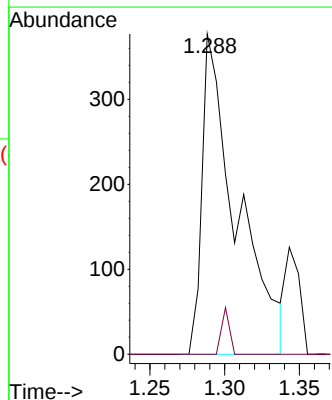
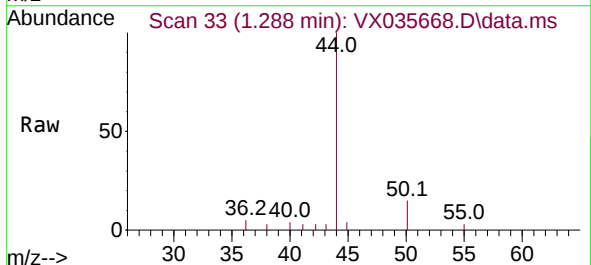


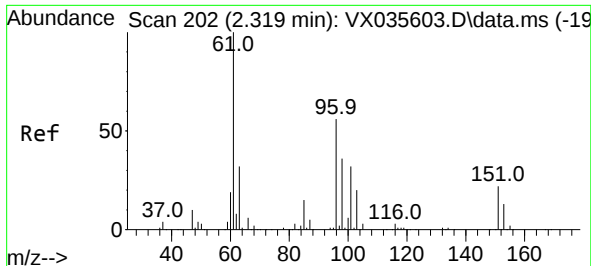
Tgt Ion:168 Resp: 189251
Ion Ratio Lower Upper
168 100
99 70.5 45.7 68.5#



#3
Chloromethane
Concen: 0.201 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX035668.D
Acq: 15 May 2023 16:22

Tgt Ion: 50 Resp: 603
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#





#12

1,1-Dichloroethene

Concen: 1.227 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX035668.D

Acq: 15 May 2023 16:22

Instrument :

MSVOA_X

ClientSampleId :

FSND-DUP-02-05062023

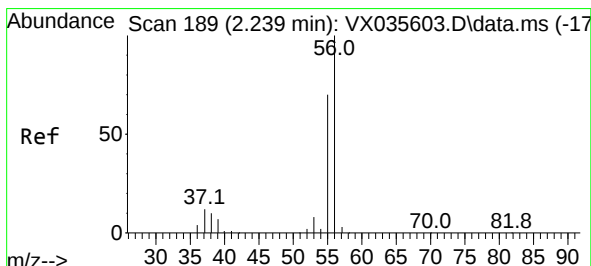
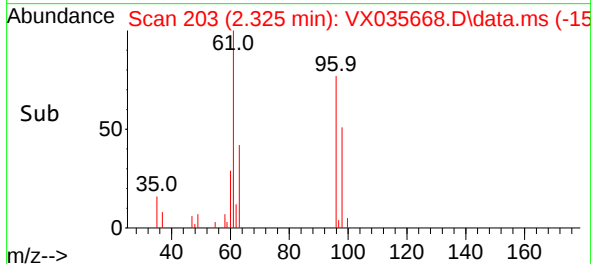
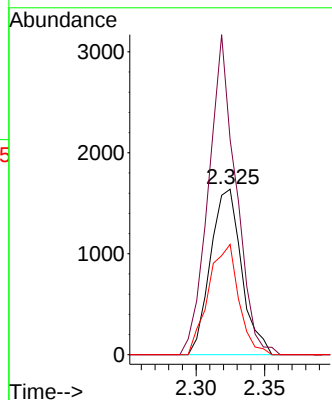
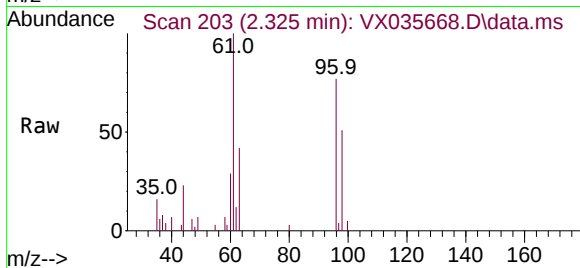
Tgt Ion: 96 Resp: 2585

Ion Ratio Lower Upper

96 100

61 130.0 128.8 193.2

98 66.6 51.4 77.0



#13

Acrolein

Concen: 0.369 ug/l

RT: 2.252 min Scan# 191

Delta R.T. 0.013 min

Lab File: VX035668.D

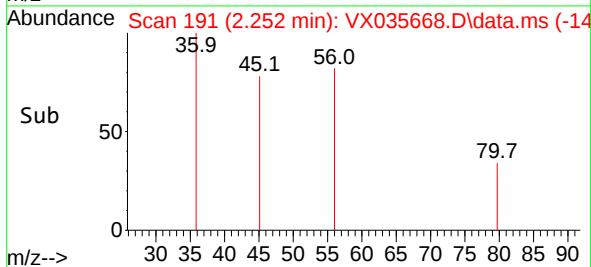
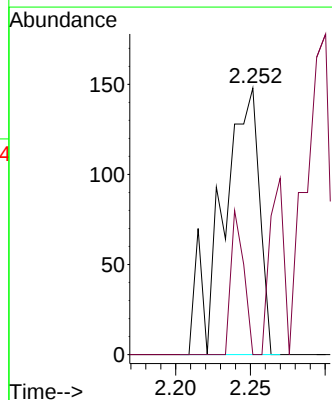
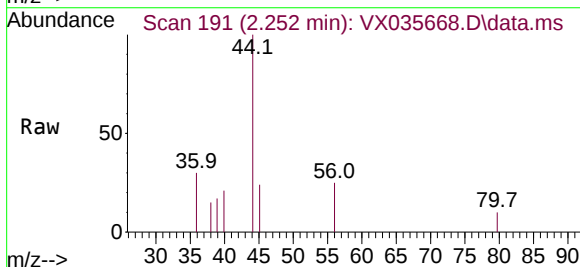
Acq: 15 May 2023 16:22

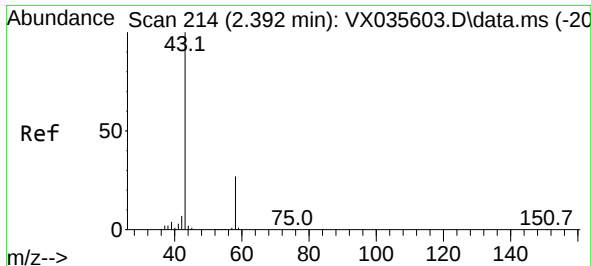
Tgt Ion: 56 Resp: 255

Ion Ratio Lower Upper

56 100

55 18.8 56.6 85.0#





#16

Acetone

Concen: 3.411 ug/l

RT: 2.398 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX035668.D

Acq: 15 May 2023 16:22

Instrument :

MSVOA_X

ClientSampleId :

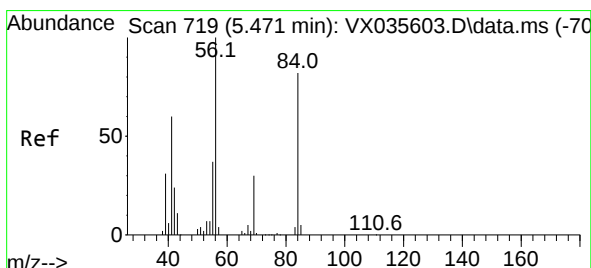
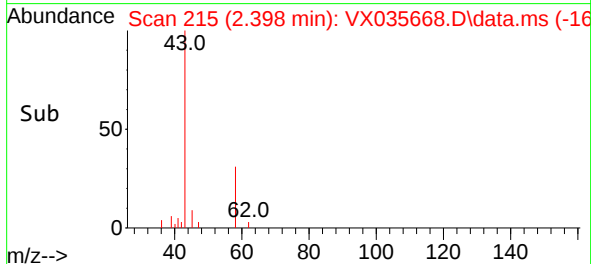
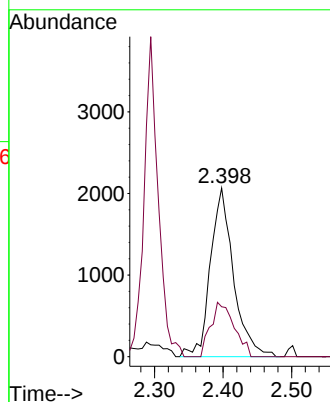
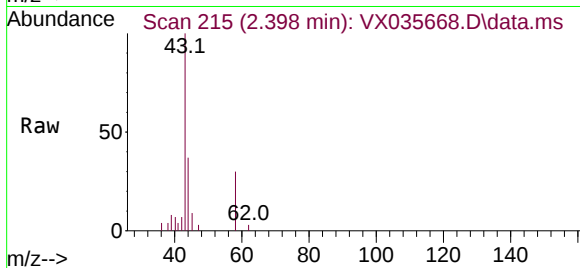
FSND-DUP-02-05062023

Tgt Ion: 43 Resp: 4840

Ion Ratio Lower Upper

43 100

58 29.6 24.7 37.1



#31

Cyclohexane

Concen: 1.280 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX035668.D

Acq: 15 May 2023 16:22

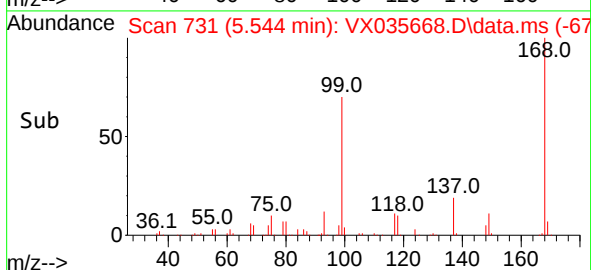
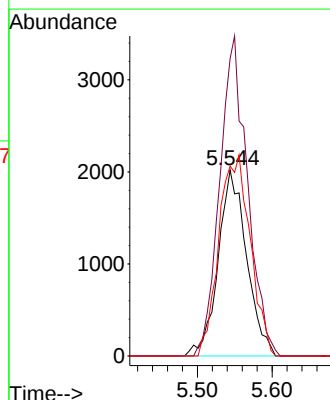
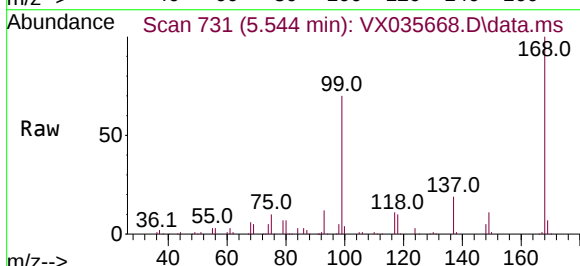
Tgt Ion: 56 Resp: 5341

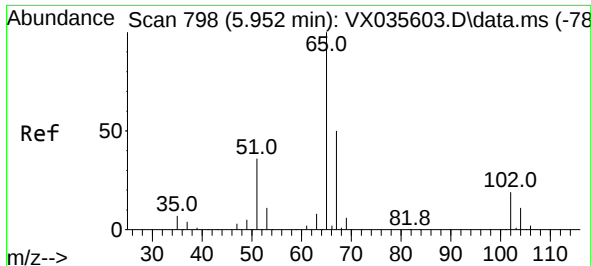
Ion Ratio Lower Upper

56 100

69 159.9 23.7 35.5#

84 102.1 68.5 102.7





#33

1,2-Dichloroethane-d4

Concen: 47.839 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035668.D

Acq: 15 May 2023 16:22

Instrument :

MSVOA_X

ClientSampleId :

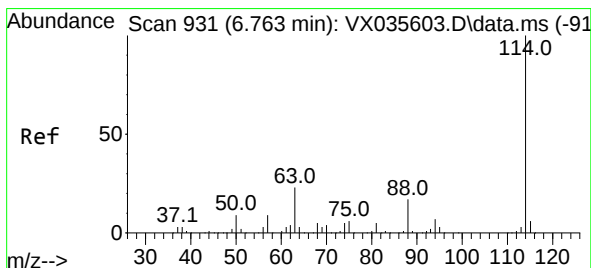
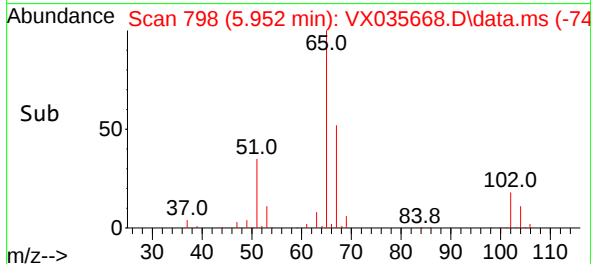
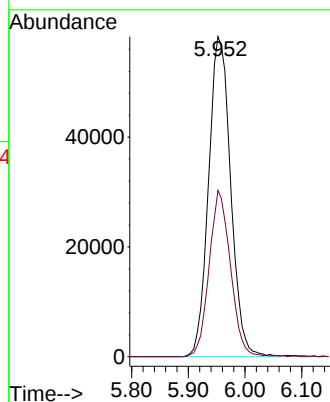
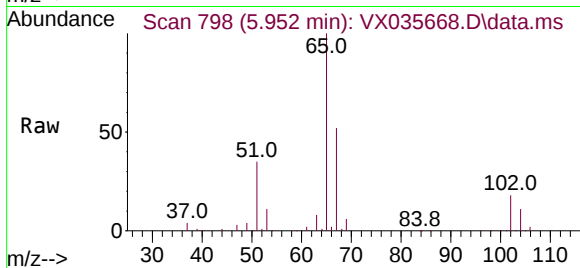
FSND-DUP-02-05062023

Tgt Ion: 65 Resp: 157944

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# 931

Delta R.T. -0.000 min

Lab File: VX035668.D

Acq: 15 May 2023 16:22

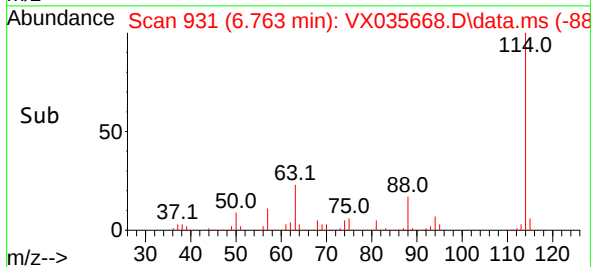
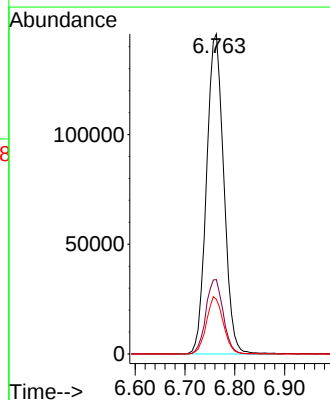
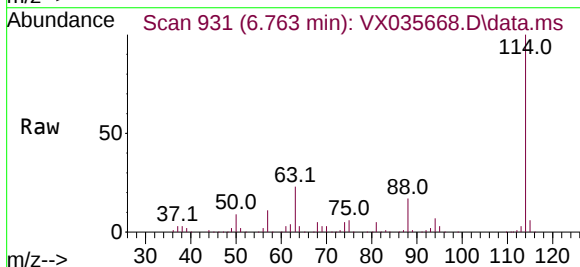
Tgt Ion: 114 Resp: 349747

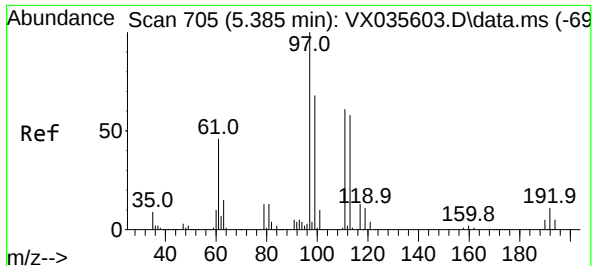
Ion Ratio Lower Upper

114 100

63 23.2 0.0 42.2

88 17.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.436 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035668.D

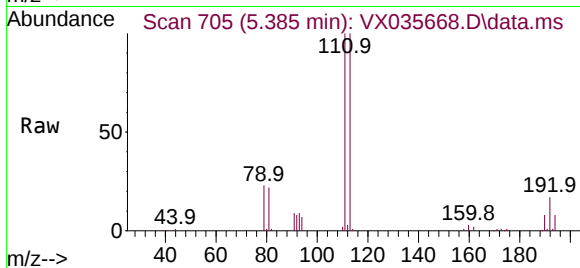
Acq: 15 May 2023 16:22

Instrument :

MSVOA_X

ClientSampleId :

FSND-DUP-02-05062023



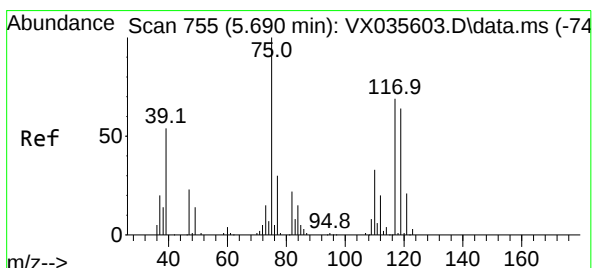
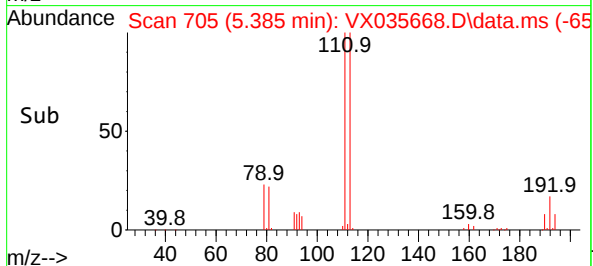
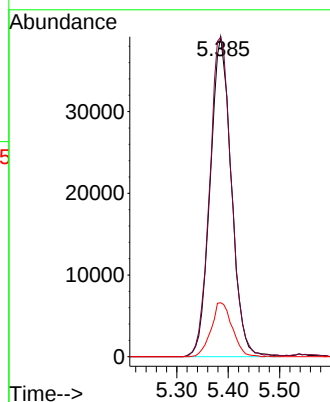
Tgt Ion:113 Resp: 111887

Ion Ratio Lower Upper

113 100

111 102.9 83.7 125.5

192 16.8 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.784 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX035668.D

Acq: 15 May 2023 16:22

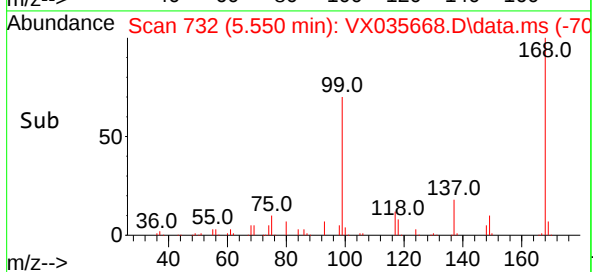
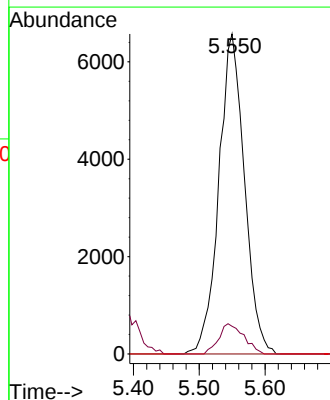
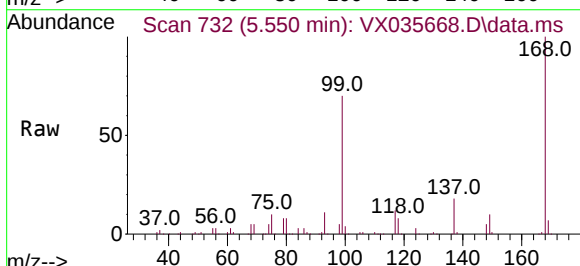
Tgt Ion: 75 Resp: 17813

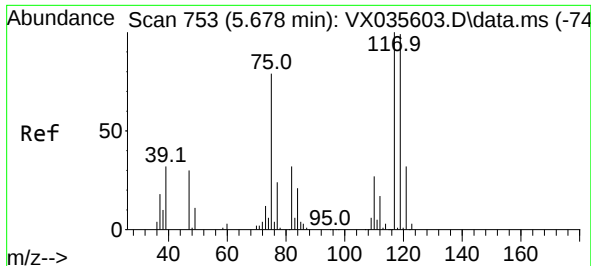
Ion Ratio Lower Upper

75 100

110 9.2 17.5 52.5#

77 0.0 24.3 36.5#

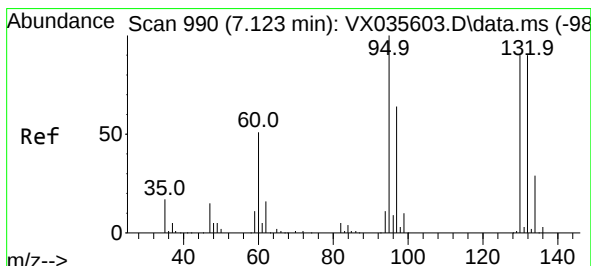
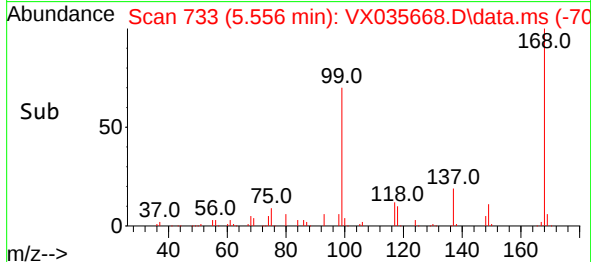
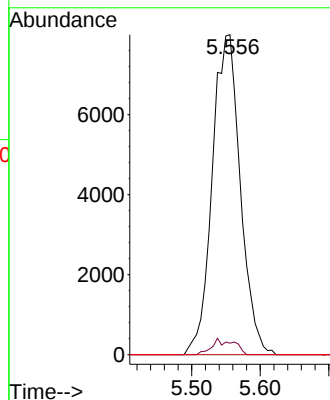
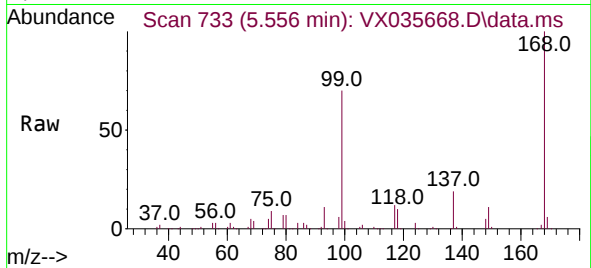




#38
Carbon Tetrachloride
Concen: 6.455 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX035668.D
Acq: 15 May 2023 16:22

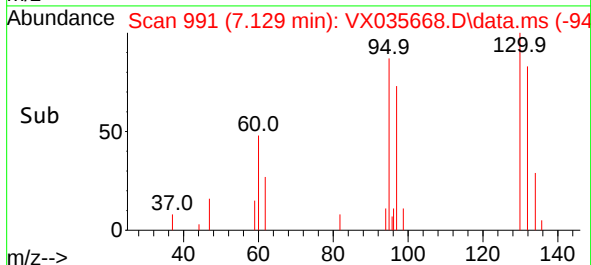
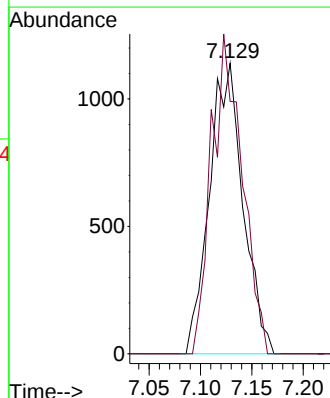
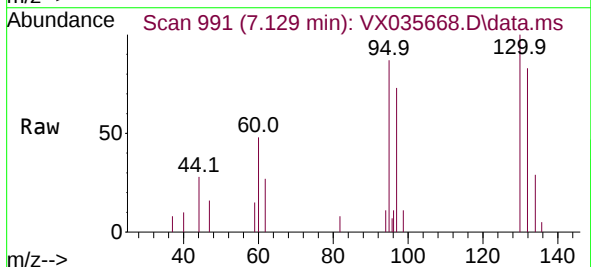
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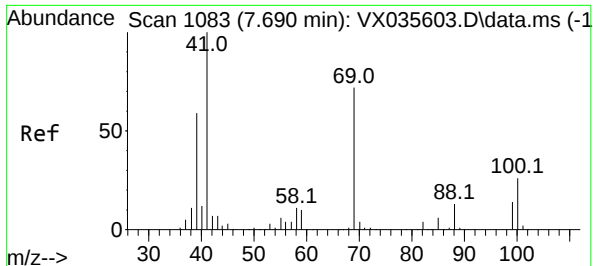
Tgt Ion:117 Resp: 22765
Ion Ratio Lower Upper
117 100
119 3.6 76.6 114.8#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 0.984 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX035668.D
Acq: 15 May 2023 16:22

Tgt Ion:130 Resp: 2598
Ion Ratio Lower Upper
130 100
95 86.9 0.0 198.4





#48

Methyl methacrylate

Concen: 0.231 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.110 min

Lab File: VX035668.D

Acq: 15 May 2023 16:22

Instrument :

MSVOA_X

ClientSampleId :

FSND-DUP-02-05062023

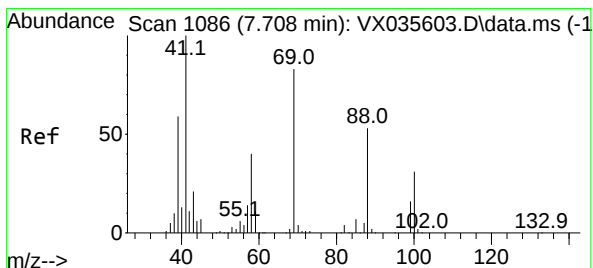
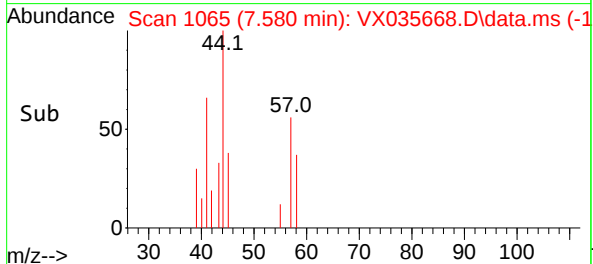
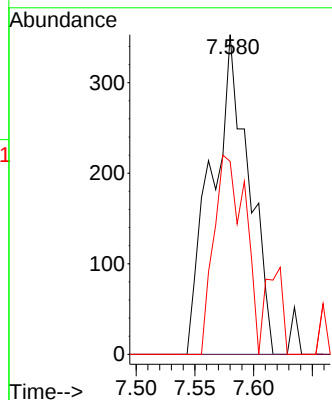
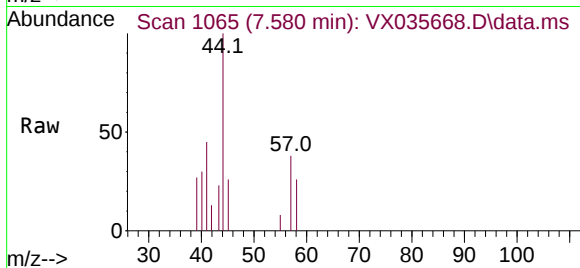
Tgt Ion: 41 Resp: 773

Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.4#

39 52.4 47.7 71.5



#49

1,4-Dioxane

Concen: 2.648 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. -0.000 min

Lab File: VX035668.D

Acq: 15 May 2023 16:22

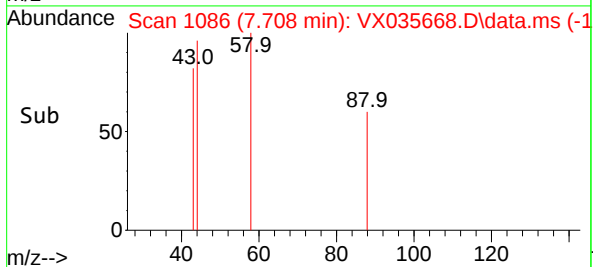
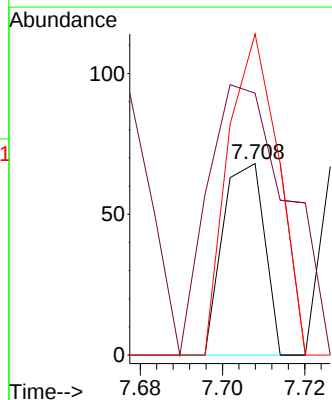
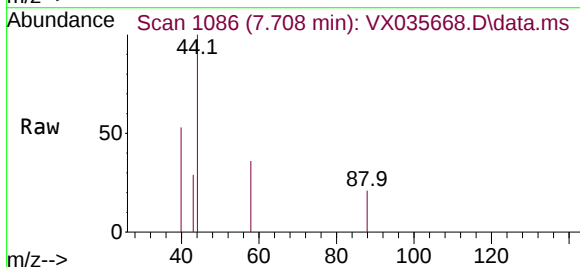
Tgt Ion: 88 Resp: 48

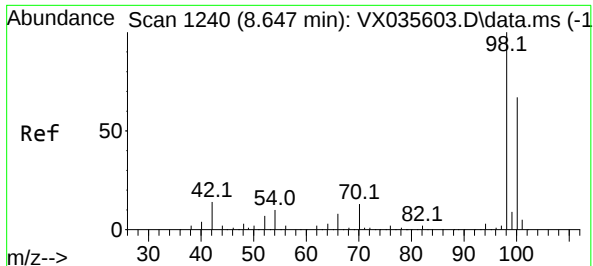
Ion Ratio Lower Upper

88 100

43 270.8 27.7 41.5#

58 202.1 56.8 85.2#

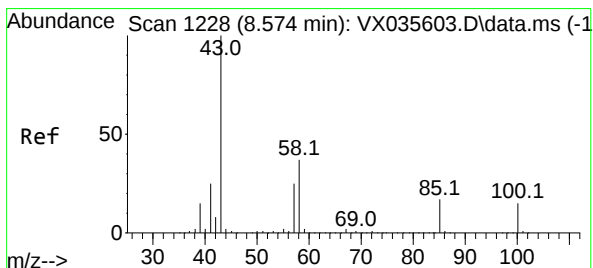
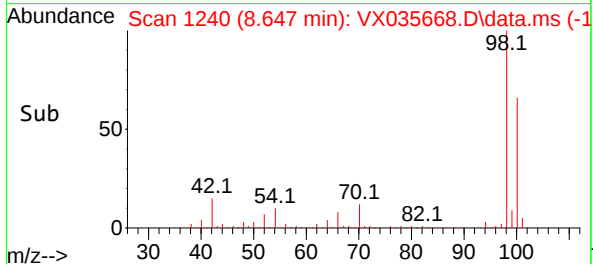
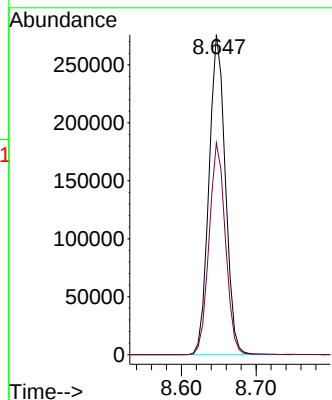
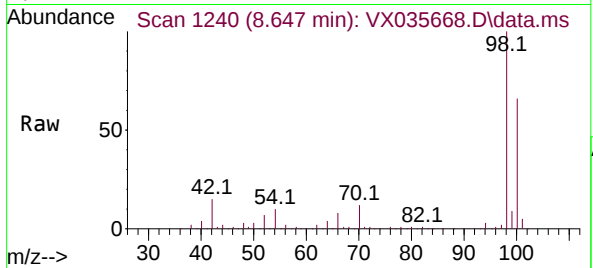




#50
Toluene-d8
Concen: 48.115 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035668.D
Acq: 15 May 2023 16:22

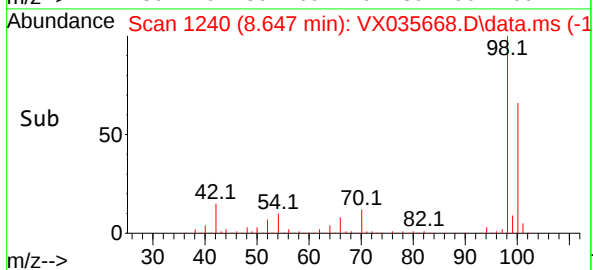
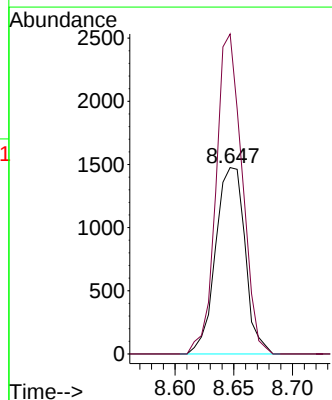
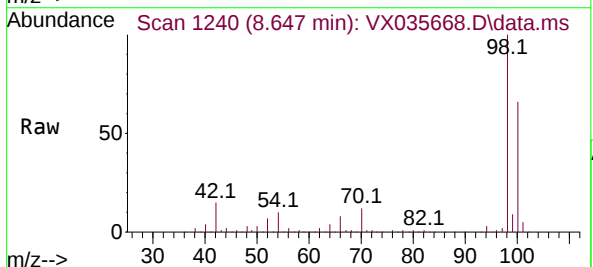
Instrument :
MSVOA_X
ClientSampleId :
FSND-DUP-02-05062023

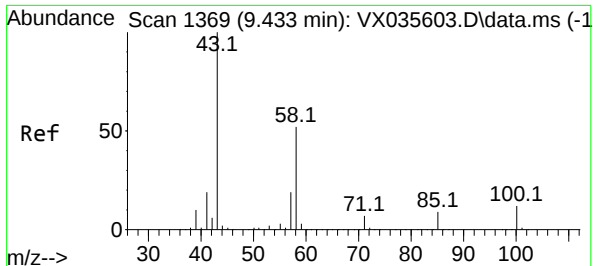
Tgt Ion: 98 Resp: 419257
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.660 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX035668.D
Acq: 15 May 2023 16:22

Tgt Ion: 43 Resp: 2574
Ion Ratio Lower Upper
43 100
58 151.9 30.6 46.0#





#59

2-Hexanone

Concen: 0.610 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.086 min

Lab File: VX035668.D

Acq: 15 May 2023 16:22

Instrument :

MSVOA_X

ClientSampleId :

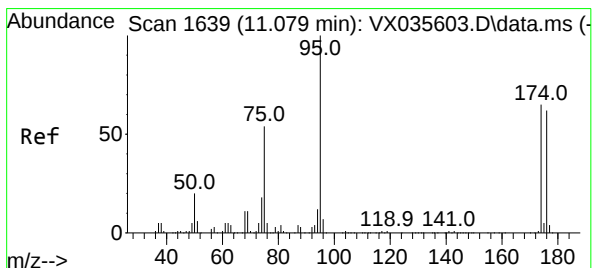
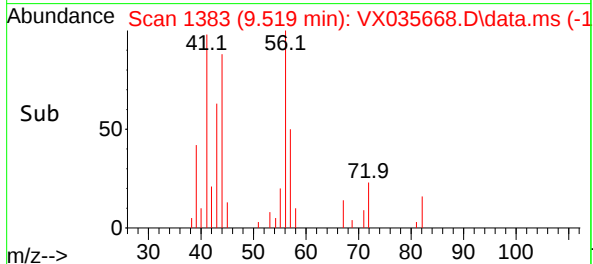
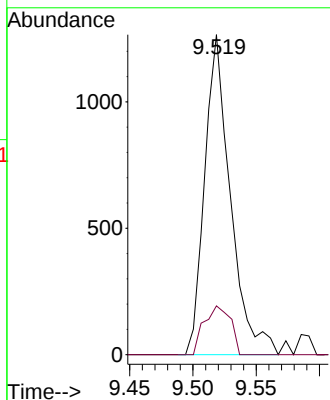
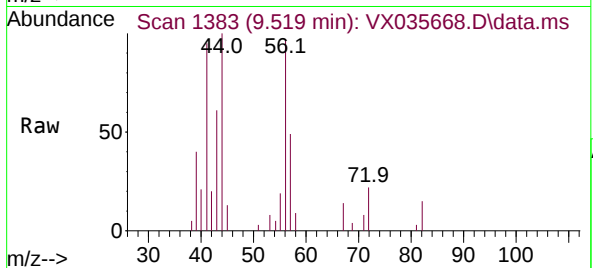
FSND-DUP-02-05062023

Tgt Ion: 43 Resp: 1793

Ion Ratio Lower Upper

43 100

58 15.6 26.3 78.9#



#62

4-Bromofluorobenzene

Concen: 48.847 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035668.D

Acq: 15 May 2023 16:22

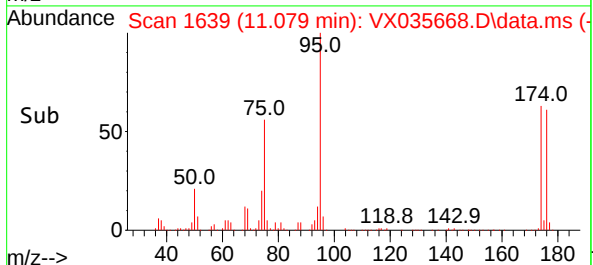
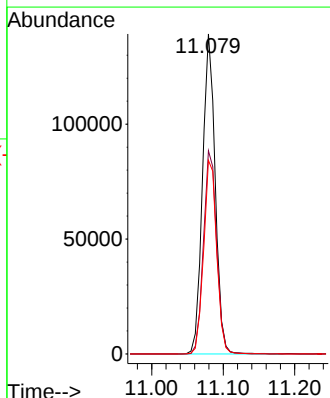
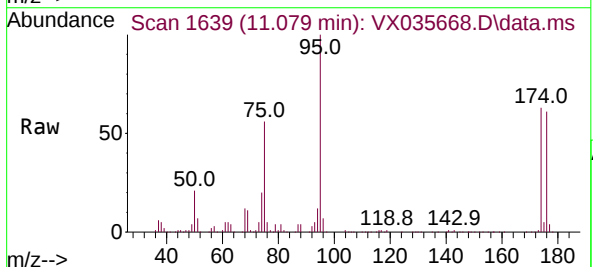
Tgt Ion: 95 Resp: 171377

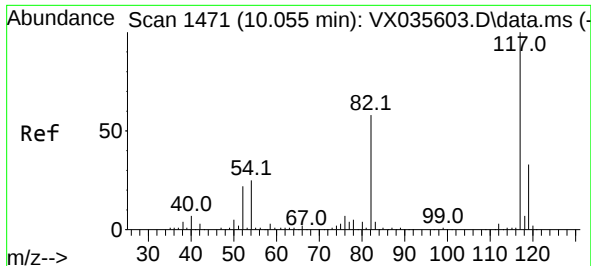
Ion Ratio Lower Upper

95 100

174 66.1 0.0 147.4

176 62.4 0.0 140.6

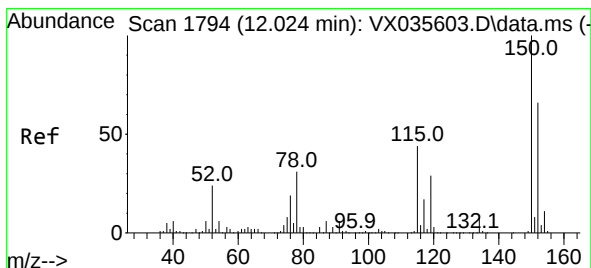
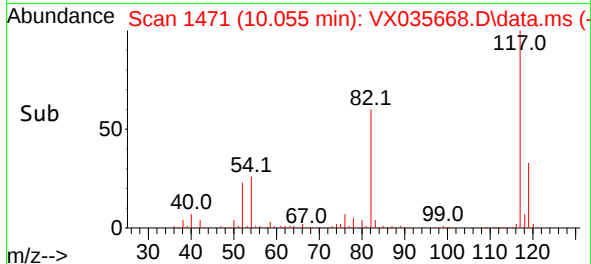
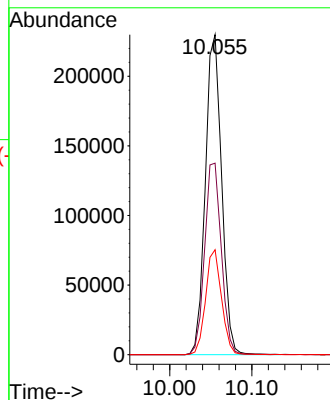
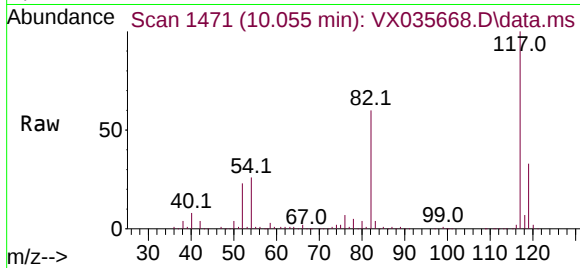




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035668.D
Acq: 15 May 2023 16:22

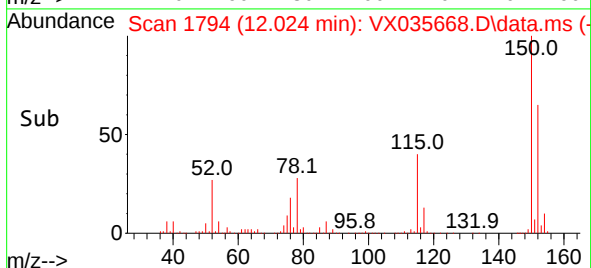
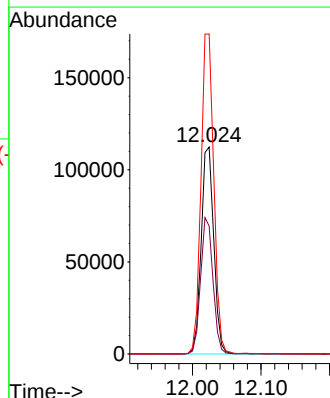
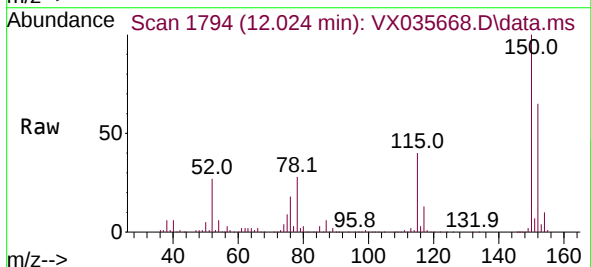
Instrument :
MSVOA_X
ClientSampleId :
FSND-DUP-02-05062023

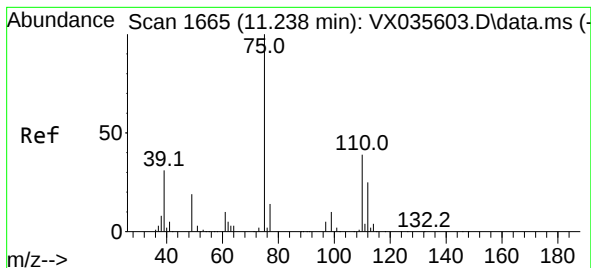
Tgt Ion:117 Resp: 316027
Ion Ratio Lower Upper
117 100
82 59.8 45.0 67.4
119 32.8 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035668.D
Acq: 15 May 2023 16:22

Tgt Ion:152 Resp: 143862
Ion Ratio Lower Upper
152 100
115 64.5 45.0 135.0
150 156.9 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 26.985 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX035668.D

Acq: 15 May 2023 16:22

Instrument :

MSVOA_X

ClientSampleId :

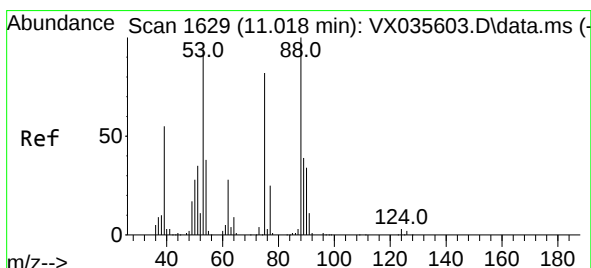
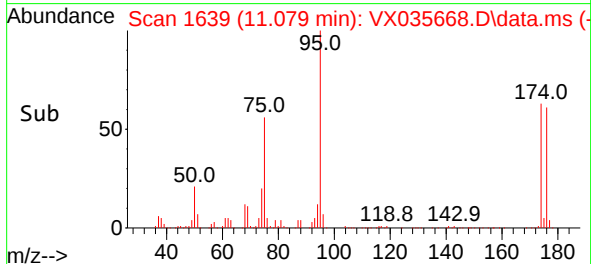
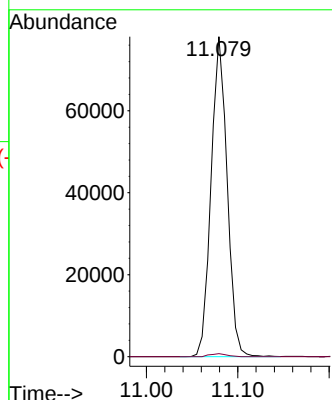
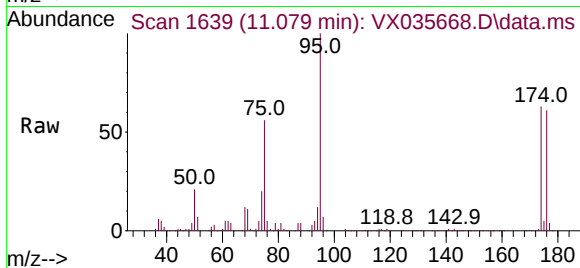
FSND-DUP-02-05062023

Tgt Ion: 75 Resp: 94957

Ion Ratio Lower Upper

75 100

77 1.0 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 86.968 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035668.D

Acq: 15 May 2023 16:22

Tgt Ion: 75 Resp: 94957

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

