

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112524\
 Data File : VX043989.D
 Acq On : 25 Nov 2024 16:12
 Operator : JC/MD
 Sample : P4873-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-19-20241114

Quant Time: Nov 27 07:42:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

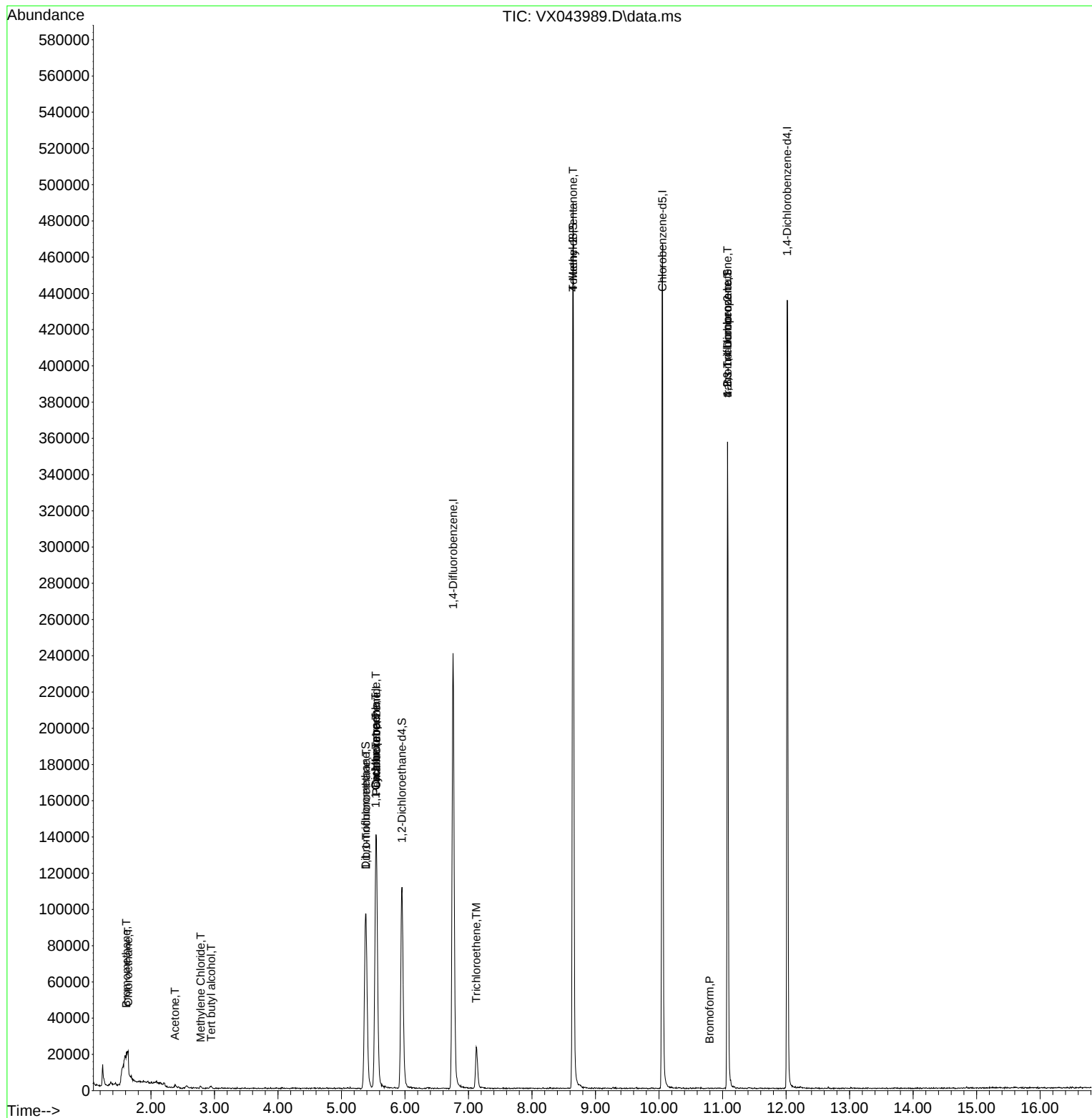
Internal Standards						
1) Pentafluorobenzene	5.549	168	122379	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	236964	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	83659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	108381	51.634	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 103.260%		
35) Dibromofluoromethane	5.379	113	79345	46.860	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 93.720%		
50) Toluene-d8	8.646	98	287176	49.202	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 98.400%		
62) 4-Bromofluorobenzene	11.079	95	91476	46.051	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 92.100%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	603	0.565	ug/l #	55
6) Chloroethane	1.642	64	715	0.676	ug/l #	76
11) Tert butyl alcohol	2.946	59	299	0.887	ug/l #	73
16) Acetone	2.379	43	1318	1.367	ug/l	89
20) Methylene Chloride	2.782	84	404	0.247	ug/l #	84
31) Cyclohexane	5.543	56	3680	1.573	ug/l #	38
32) 1,1,1-Trichloroethane	5.385	97	5753	2.182	ug/l	97
36) 1,1-Dichloropropene	5.537	75	11758	5.573	ug/l #	49
38) Carbon Tetrachloride	5.543	117	14267	6.018	ug/l #	17
44) Trichloroethene	7.122	130	9081	4.881	ug/l	84
51) 4-Methyl-2-Pentanone	8.646	43	1390	0.546	ug/l #	1
71) Bromoform	10.799	173	21	1.224	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	52346	28.532	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	52346	77.858	ug/l #	6

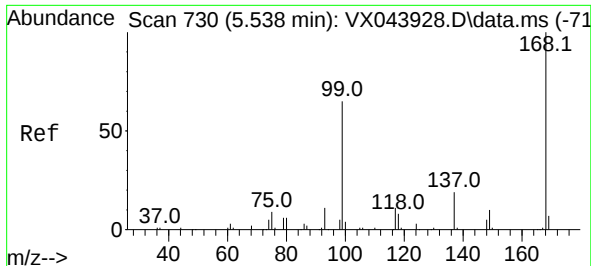
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112524\
Data File : VX043989.D
Acq On : 25 Nov 2024 16:12
Operator : JC/MD
Sample : P4873-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-19-20241114

Quant Time: Nov 27 07:42:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

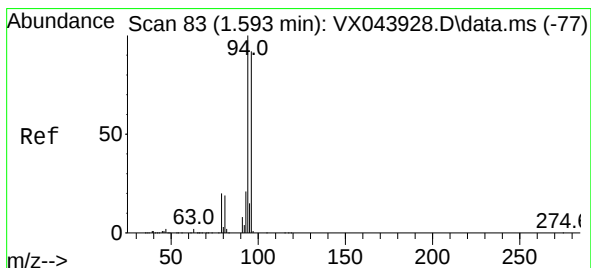
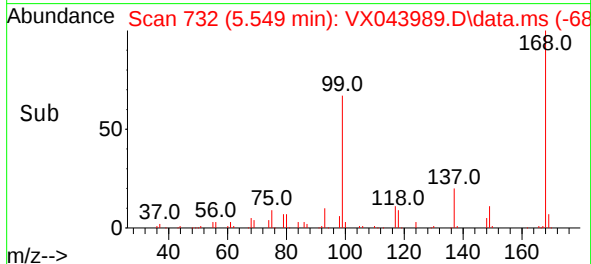
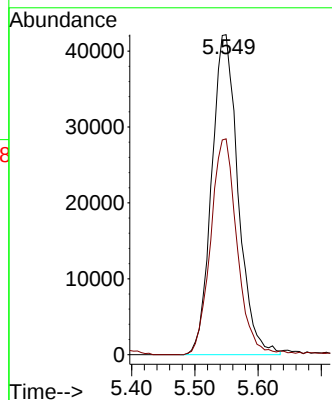
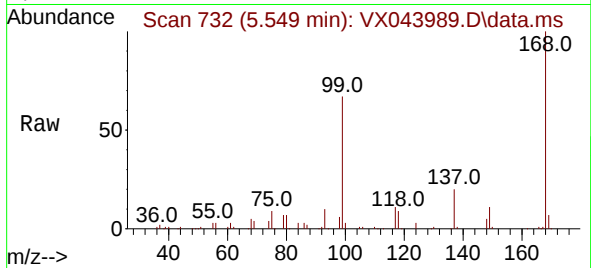




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.011 min
Lab File: VX043989.D
Acq: 25 Nov 2024 16:12

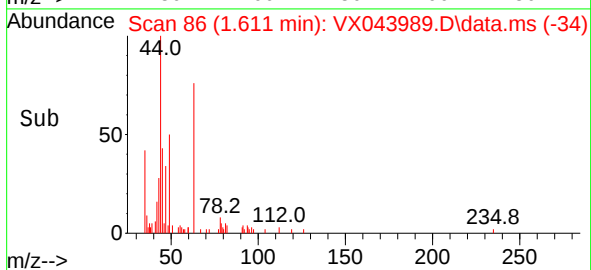
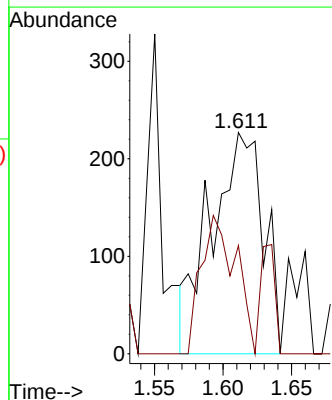
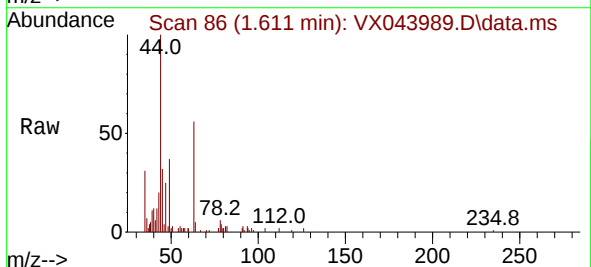
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-19-20241114

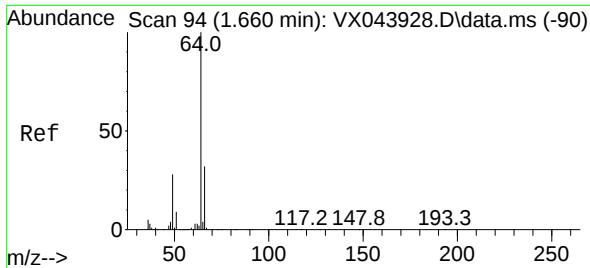
Tgt Ion:168 Resp: 122379
Ion Ratio Lower Upper
168 100
99 67.5 51.8 77.8



#5
Bromomethane
Concen: 0.565 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.018 min
Lab File: VX043989.D
Acq: 25 Nov 2024 16:12

Tgt Ion: 94 Resp: 603
Ion Ratio Lower Upper
94 100
96 48.9 73.9 110.9#

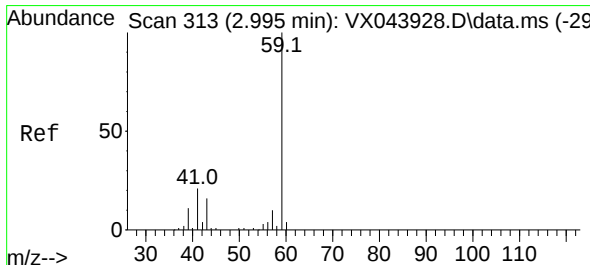
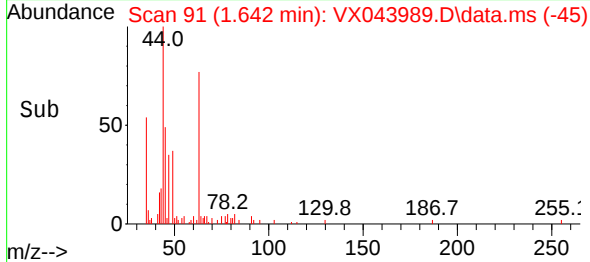
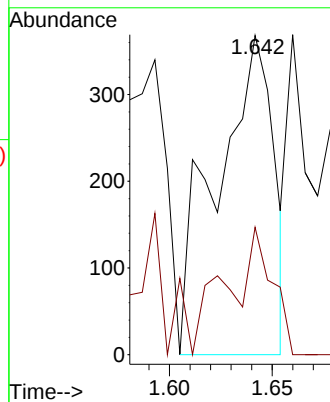
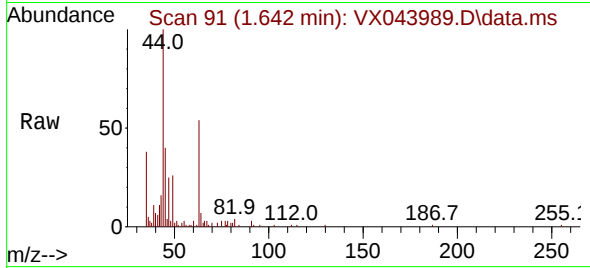




#6
Chloroethane
Concen: 0.676 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.019 min
Lab File: VX043989.D
Acq: 25 Nov 2024 16:12

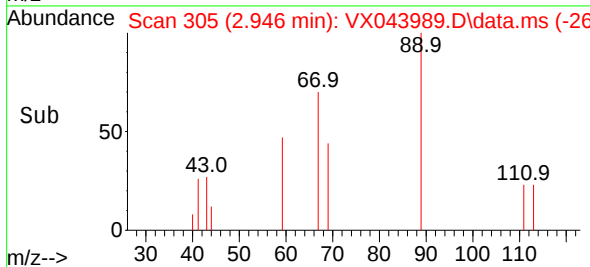
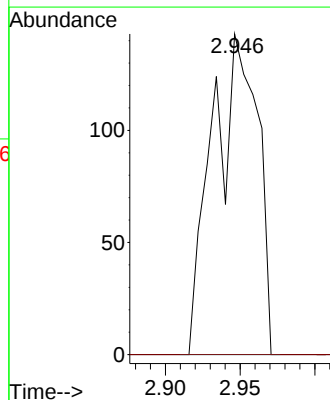
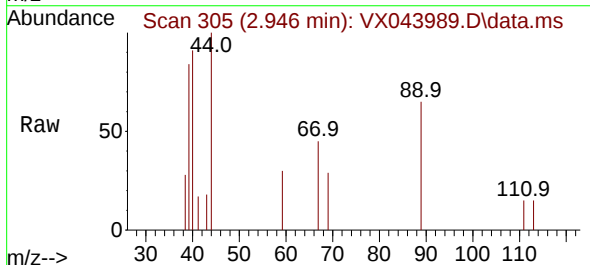
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-19-20241114

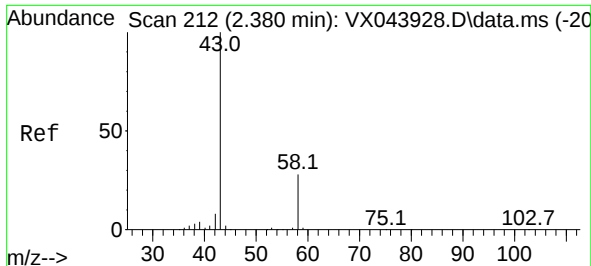
Tgt Ion: 64 Resp: 715
Ion Ratio Lower Upper
64 100
66 18.8 25.9 38.9#



#11
Tert butyl alcohol
Concen: 0.887 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX043989.D
Acq: 25 Nov 2024 16:12

Tgt Ion: 59 Resp: 299
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#





#16

Acetone

Concen: 1.367 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX043989.D

Acq: 25 Nov 2024 16:12

Instrument :

MSVOA_X

ClientSampleId :

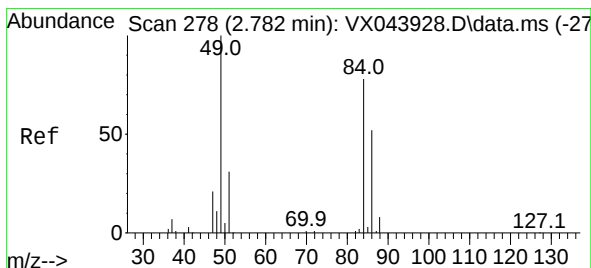
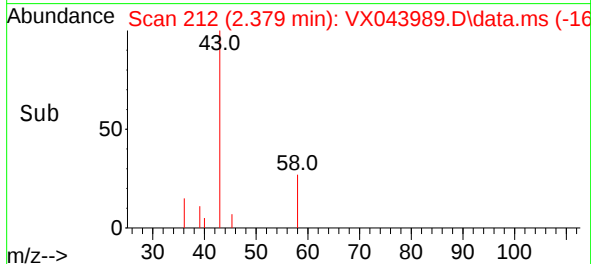
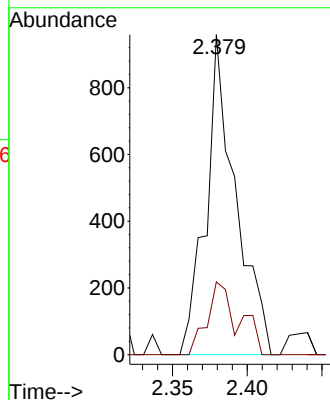
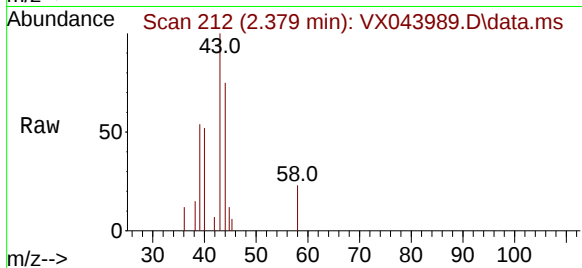
FSND-MW-19-20241114

Tgt Ion: 43 Resp: 1318

Ion Ratio Lower Upper

43 100

58 22.7 22.7 34.1



#20

Methylene Chloride

Concen: 0.247 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX043989.D

Acq: 25 Nov 2024 16:12

Tgt Ion: 84 Resp: 404

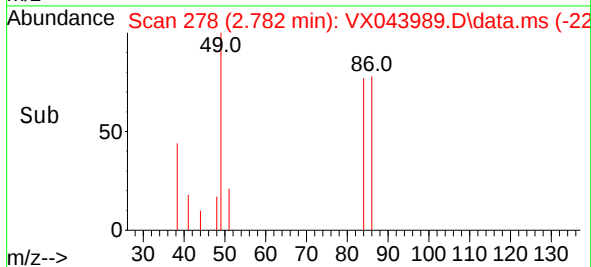
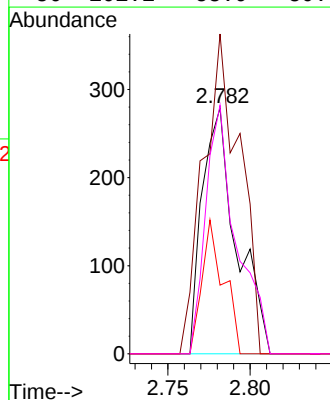
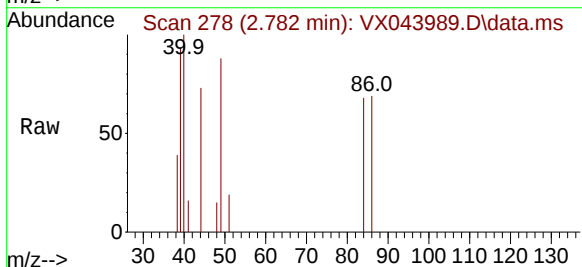
Ion Ratio Lower Upper

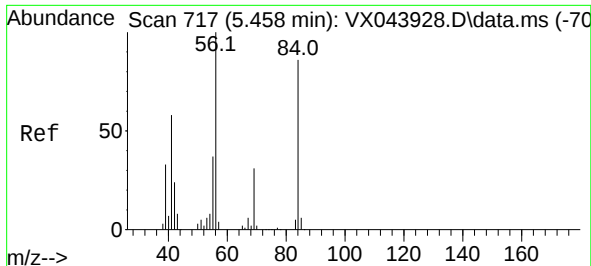
84 100

49 130.1 102.7 154.1

51 28.0 31.7 47.5#

86 101.1 53.9 80.9#

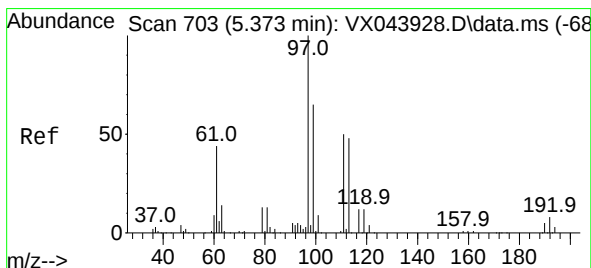
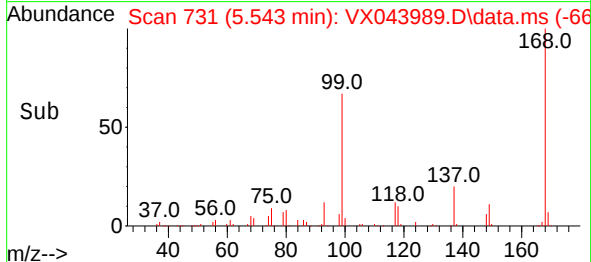
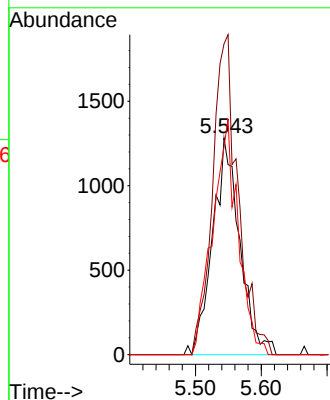
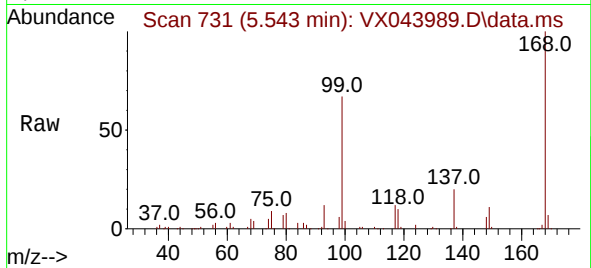




#31
Cyclohexane
Concen: 1.573 ug/l
RT: 5.543 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX043989.D
Acq: 25 Nov 2024 16:12

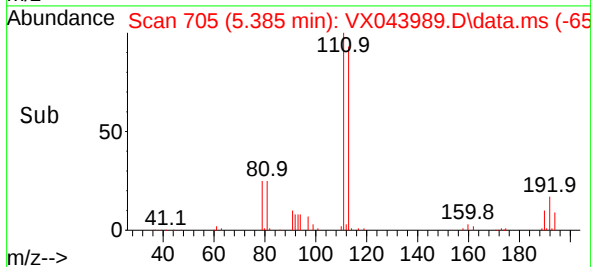
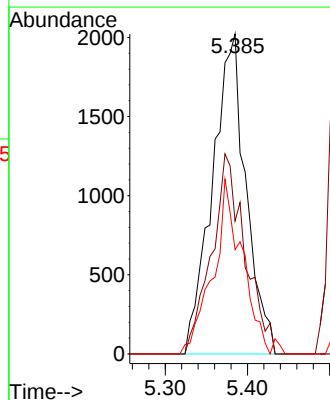
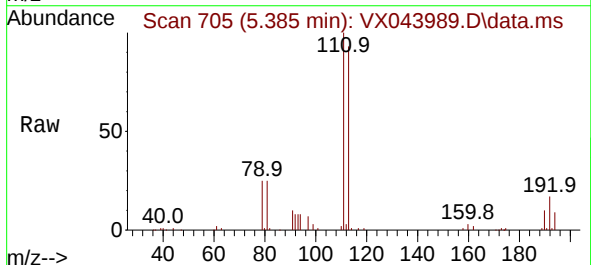
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-19-20241114

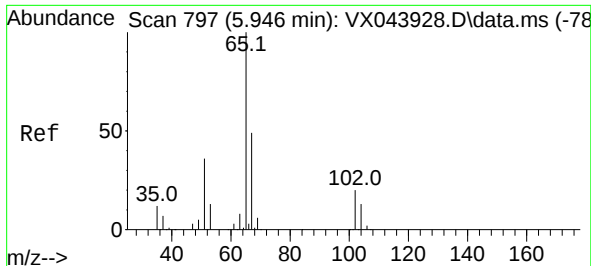
Tgt Ion: 56 Resp: 3680
Ion Ratio Lower Upper
56 100
69 143.5 24.7 37.1#
84 95.9 68.7 103.1



#32
1,1,1-Trichloroethane
Concen: 2.182 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX043989.D
Acq: 25 Nov 2024 16:12

Tgt Ion: 97 Resp: 5753
Ion Ratio Lower Upper
97 100
99 62.0 50.8 76.2
61 47.0 35.4 53.2





#33

1,2-Dichloroethane-d4

Concen: 51.634 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX043989.D

Acq: 25 Nov 2024 16:12

Instrument :

MSVOA_X

ClientSampleId :

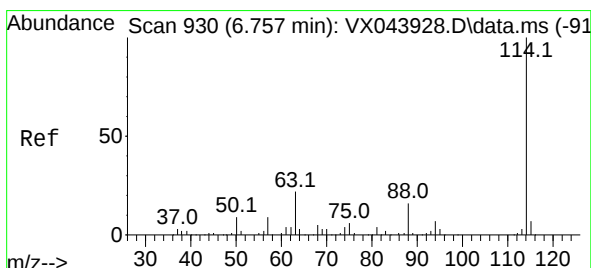
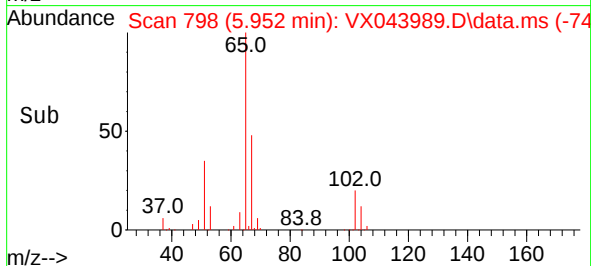
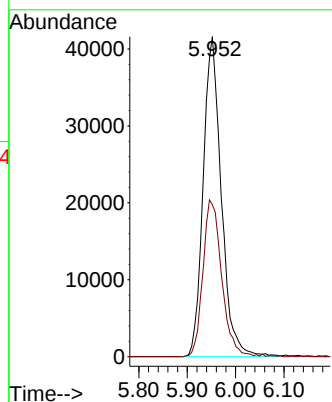
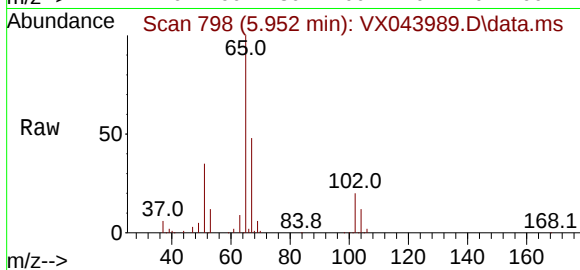
FSND-MW-19-20241114

Tgt Ion: 65 Resp: 108381

Ion Ratio Lower Upper

65 100

67 50.6 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX043989.D

Acq: 25 Nov 2024 16:12

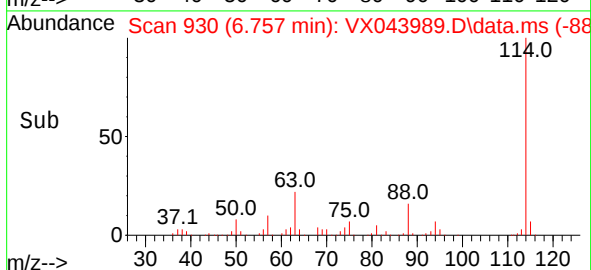
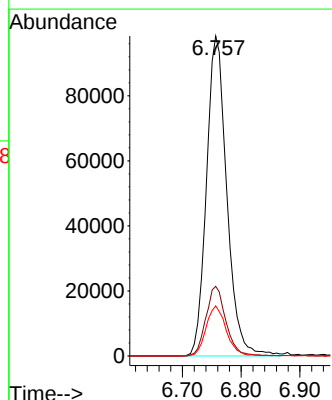
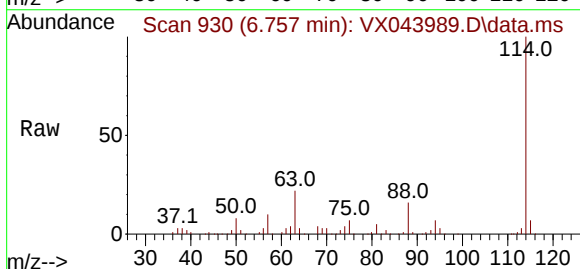
Tgt Ion:114 Resp: 236964

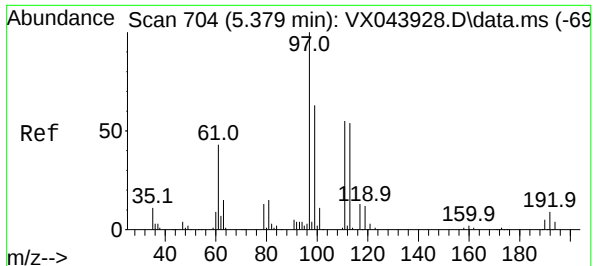
Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.0

88 15.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 46.860 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX043989.D

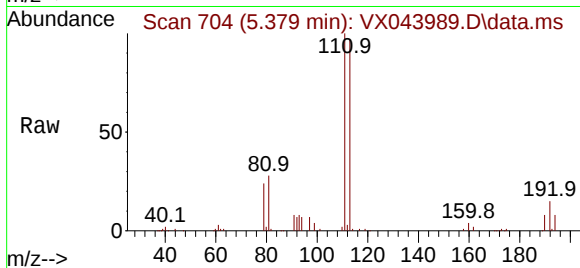
Acq: 25 Nov 2024 16:12

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-19-20241114



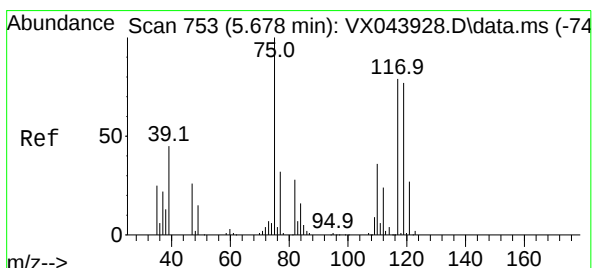
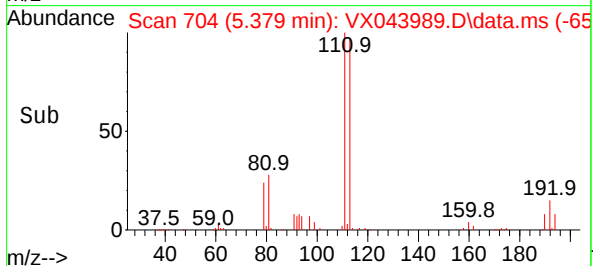
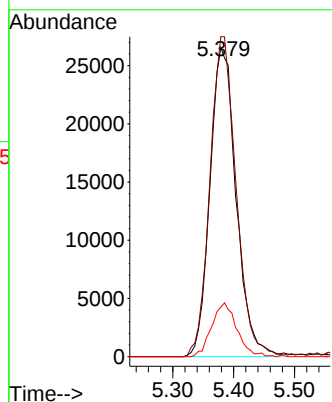
Tgt Ion:113 Resp: 79345

Ion Ratio Lower Upper

113 100

111 103.6 81.0 121.4

192 16.8 13.0 19.6



#36

1,1-Dichloropropene

Concen: 5.573 ug/l

RT: 5.537 min Scan# 730

Delta R.T. -0.141 min

Lab File: VX043989.D

Acq: 25 Nov 2024 16:12

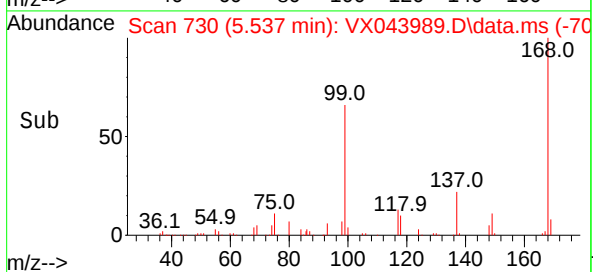
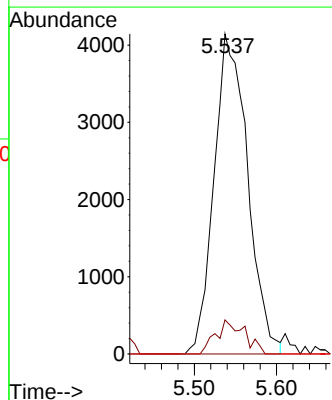
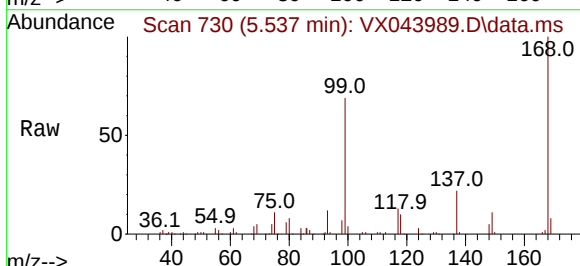
Tgt Ion: 75 Resp: 11758

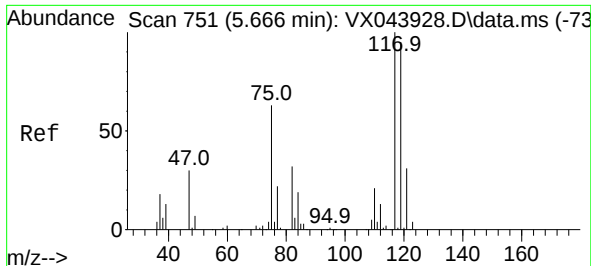
Ion Ratio Lower Upper

75 100

110 9.1 17.4 52.2#

77 0.0 25.8 38.8#





#38

Carbon Tetrachloride

Concen: 6.018 ug/l

RT: 5.543 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX043989.D

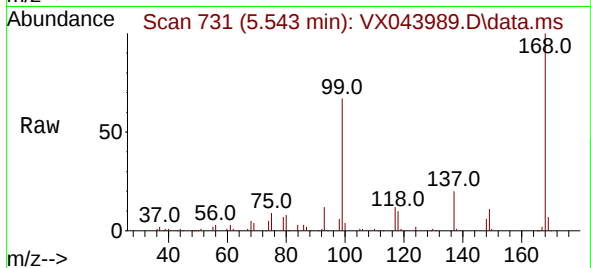
Acq: 25 Nov 2024 16:12

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-19-20241114



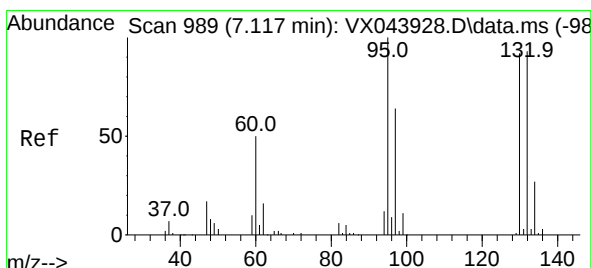
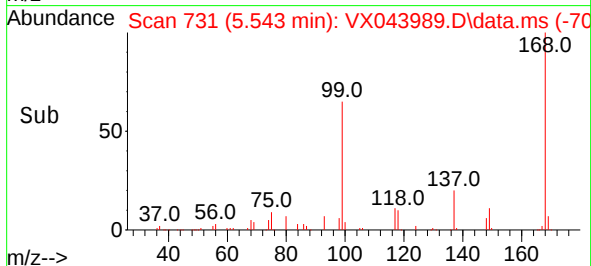
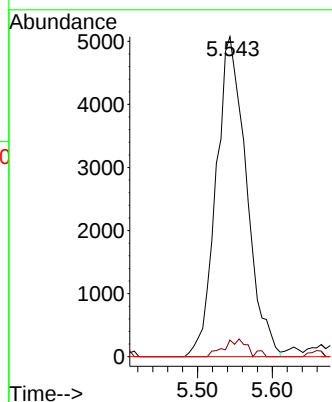
Tgt Ion:117 Resp: 14267

Ion Ratio Lower Upper

117 100

119 5.2 75.2 112.8#

121 0.0 24.5 36.7#



#44

Trichloroethene

Concen: 4.881 ug/l

RT: 7.122 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX043989.D

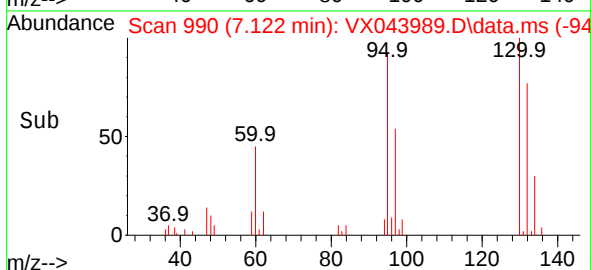
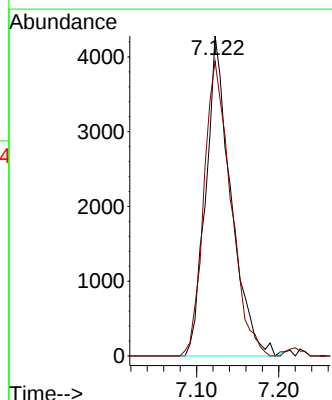
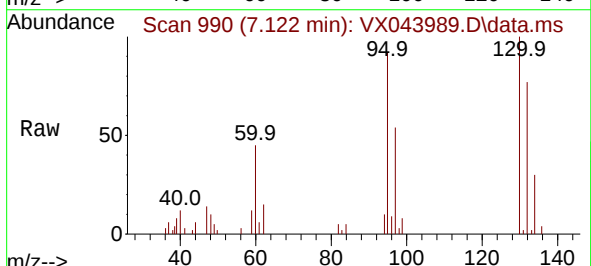
Acq: 25 Nov 2024 16:12

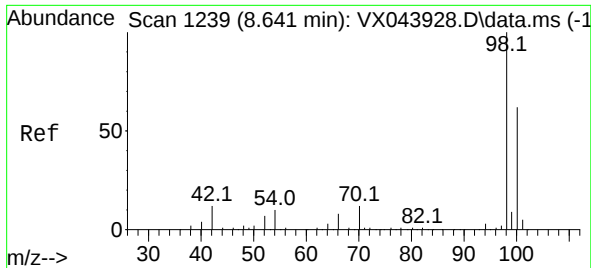
Tgt Ion:130 Resp: 9081

Ion Ratio Lower Upper

130 100

95 92.2 0.0 217.8





#50

Toluene-d8

Concen: 49.202 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX043989.D

Acq: 25 Nov 2024 16:12

Instrument :

MSVOA_X

ClientSampleId :

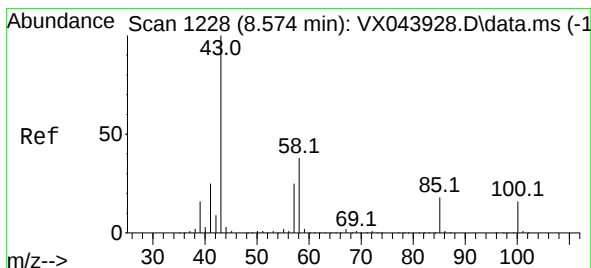
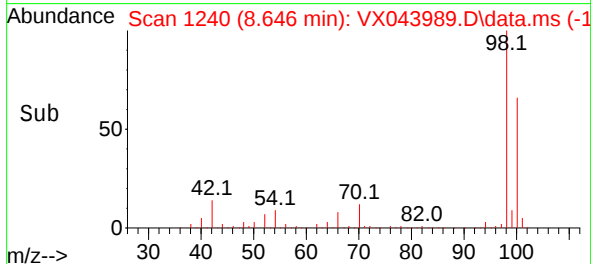
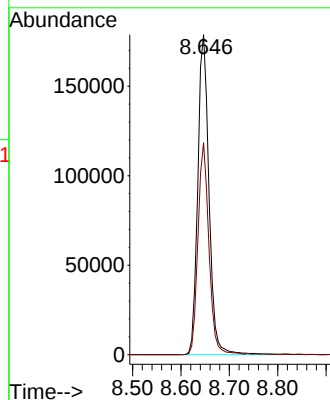
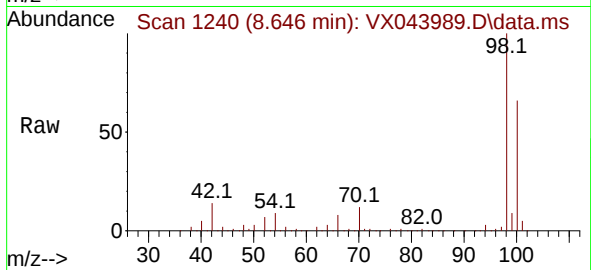
FSND-MW-19-20241114

Tgt Ion: 98 Resp: 287176

Ion Ratio Lower Upper

98 100

100 64.7 52.6 79.0



#51

4-Methyl-2-Pentanone

Concen: 0.546 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX043989.D

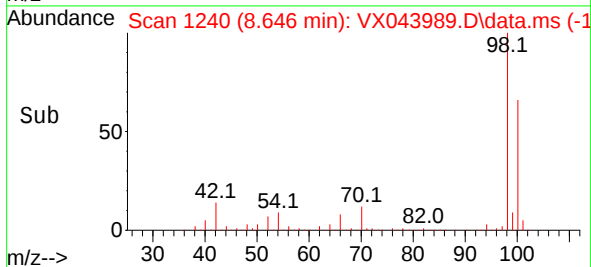
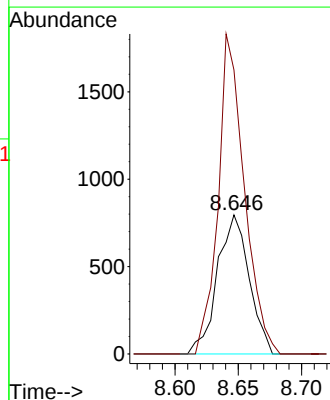
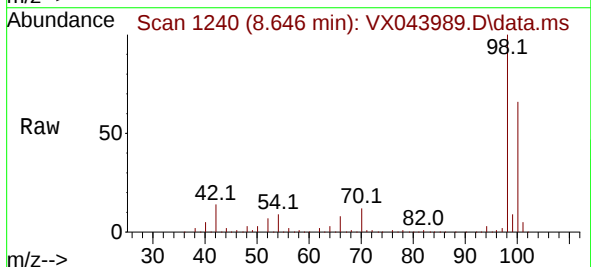
Acq: 25 Nov 2024 16:12

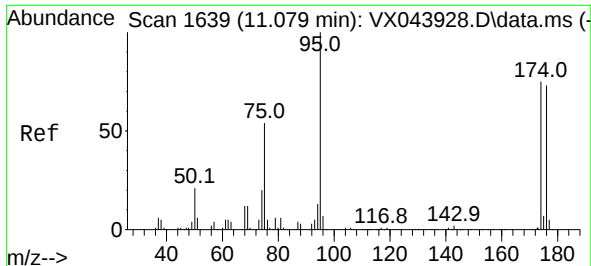
Tgt Ion: 43 Resp: 1390

Ion Ratio Lower Upper

43 100

58 189.9 30.0 45.0#





#62

4-Bromofluorobenzene

Concen: 46.051 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043989.D

Acq: 25 Nov 2024 16:12

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-19-20241114

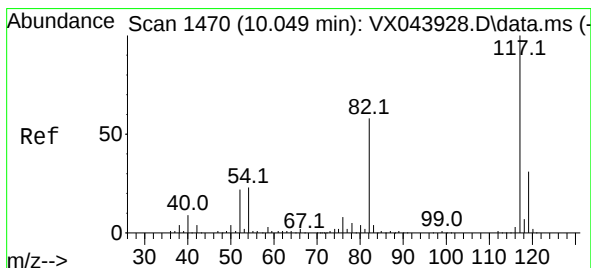
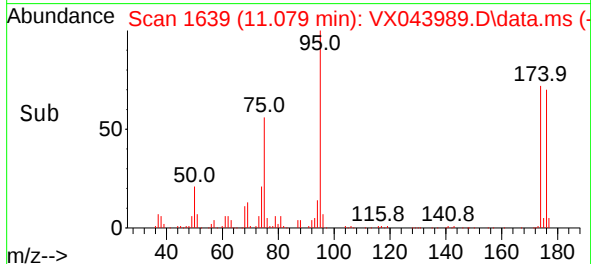
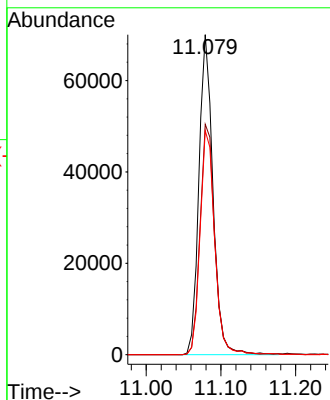
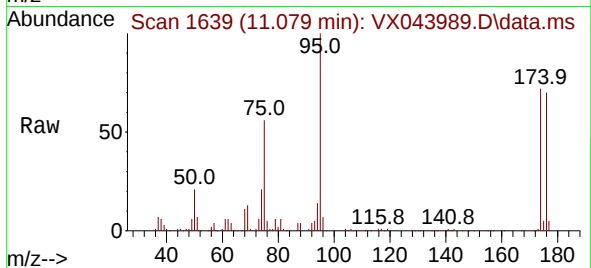
Tgt Ion: 95 Resp: 91476

Ion Ratio Lower Upper

95 100

174 75.0 0.0 150.4

176 72.7 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX043989.D

Acq: 25 Nov 2024 16:12

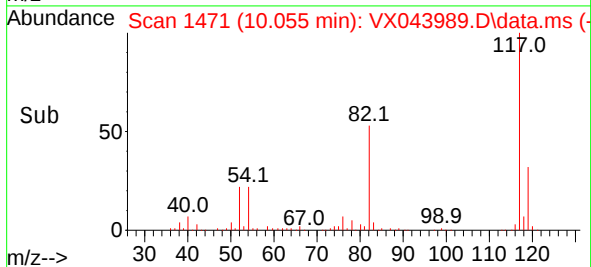
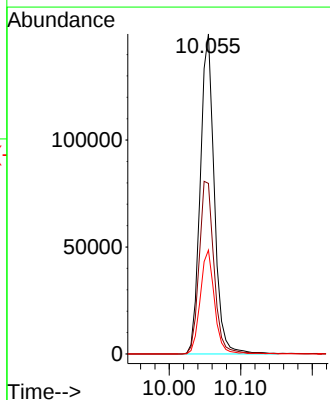
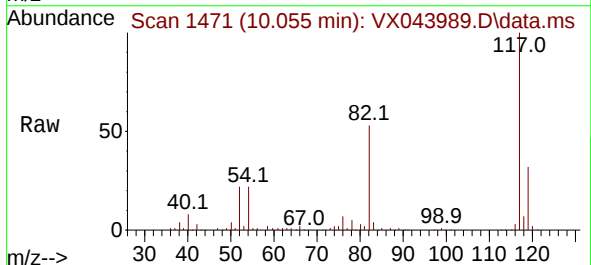
Tgt Ion: 117 Resp: 204246

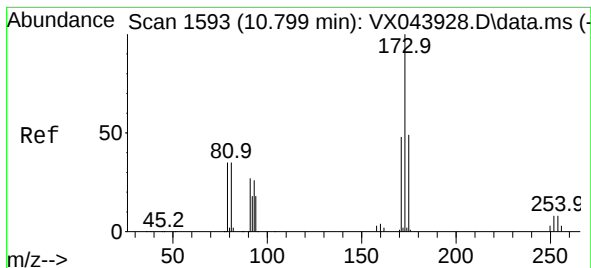
Ion Ratio Lower Upper

117 100

82 53.3 46.4 69.6

119 32.4 24.6 37.0





#71

Bromoform

Concen: 1.224 ug/l

RT: 10.799 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043989.D

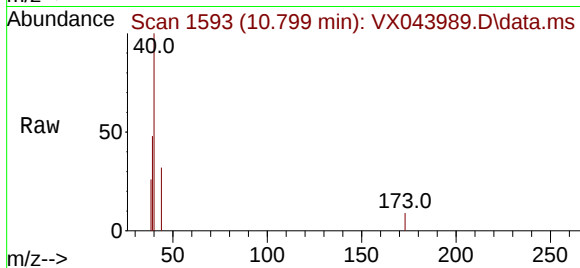
Acq: 25 Nov 2024 16:12

Instrument :

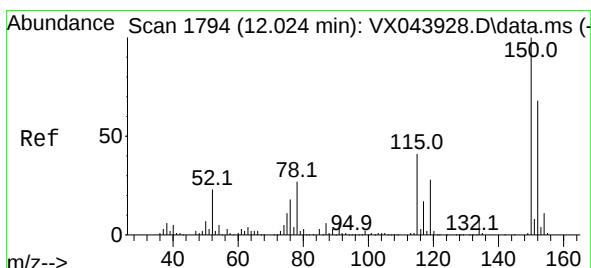
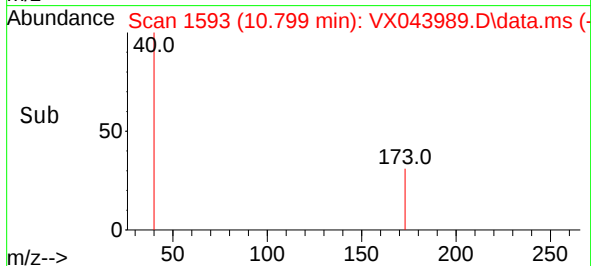
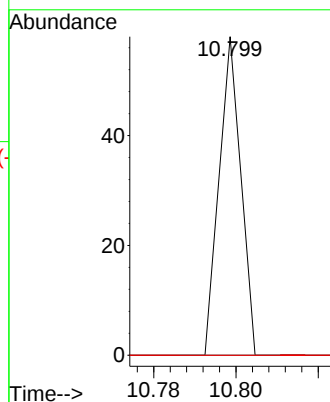
MSVOA_X

ClientSampleId :

FSND-MW-19-20241114



Tgt Ion:173	Resp:	21
Ion Ratio	Lower	Upper
173	100	
175	0.0	24.1 72.2#
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

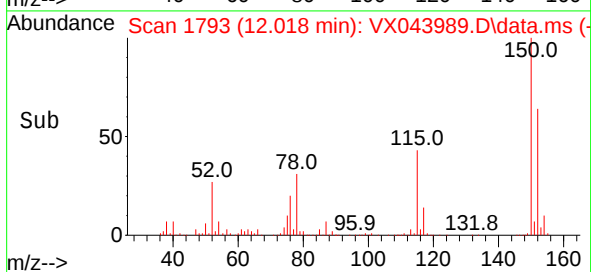
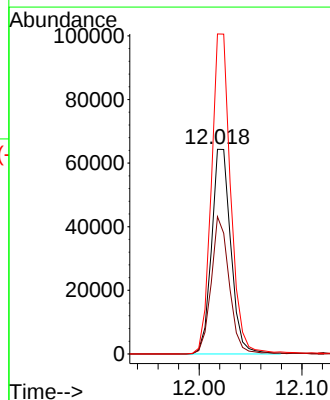
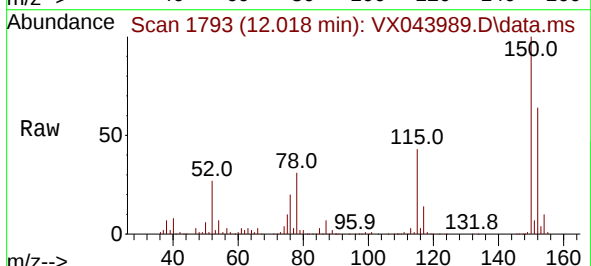
RT: 12.018 min Scan# 1793

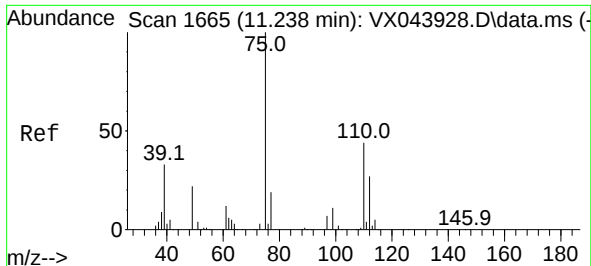
Delta R.T. -0.007 min

Lab File: VX043989.D

Acq: 25 Nov 2024 16:12

Tgt Ion:152	Resp:	83659
Ion Ratio	Lower	Upper
152	100	
115	62.6	45.4 136.2
150	158.1	0.0 353.0

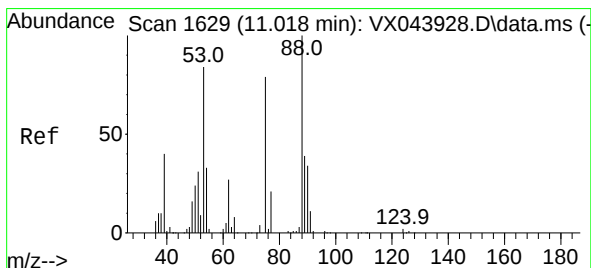
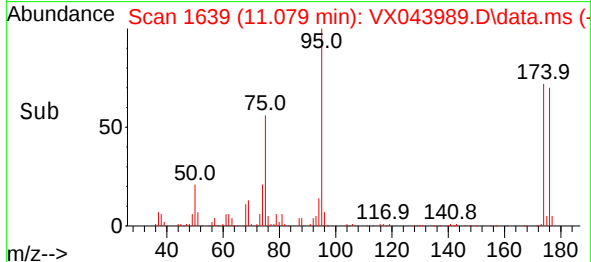
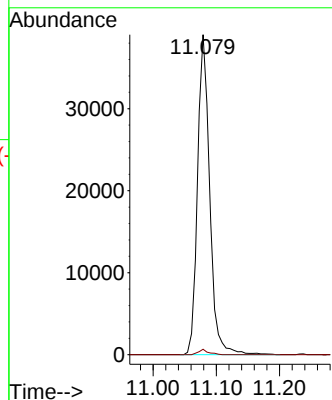
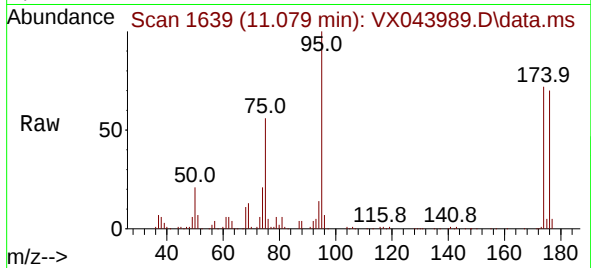




#76
1,2,3-Trichloropropane
Concen: 28.532 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043989.D
Acq: 25 Nov 2024 16:12

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-19-20241114

Tgt Ion: 75 Resp: 52346
Ion Ratio Lower Upper
75 100
77 1.4 21.8 65.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.858 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043989.D
Acq: 25 Nov 2024 16:12

Tgt Ion: 75 Resp: 52346
Ion Ratio Lower Upper
75 100
53 0.0 86.7 130.1#
89 0.0 38.2 57.2#

