

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112524\
 Data File : VX043995.D
 Acq On : 25 Nov 2024 18:31
 Operator : JC/MD
 Sample : P4846-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-EVAL-04D-20241113

Quant Time: Nov 27 07:45:05 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)

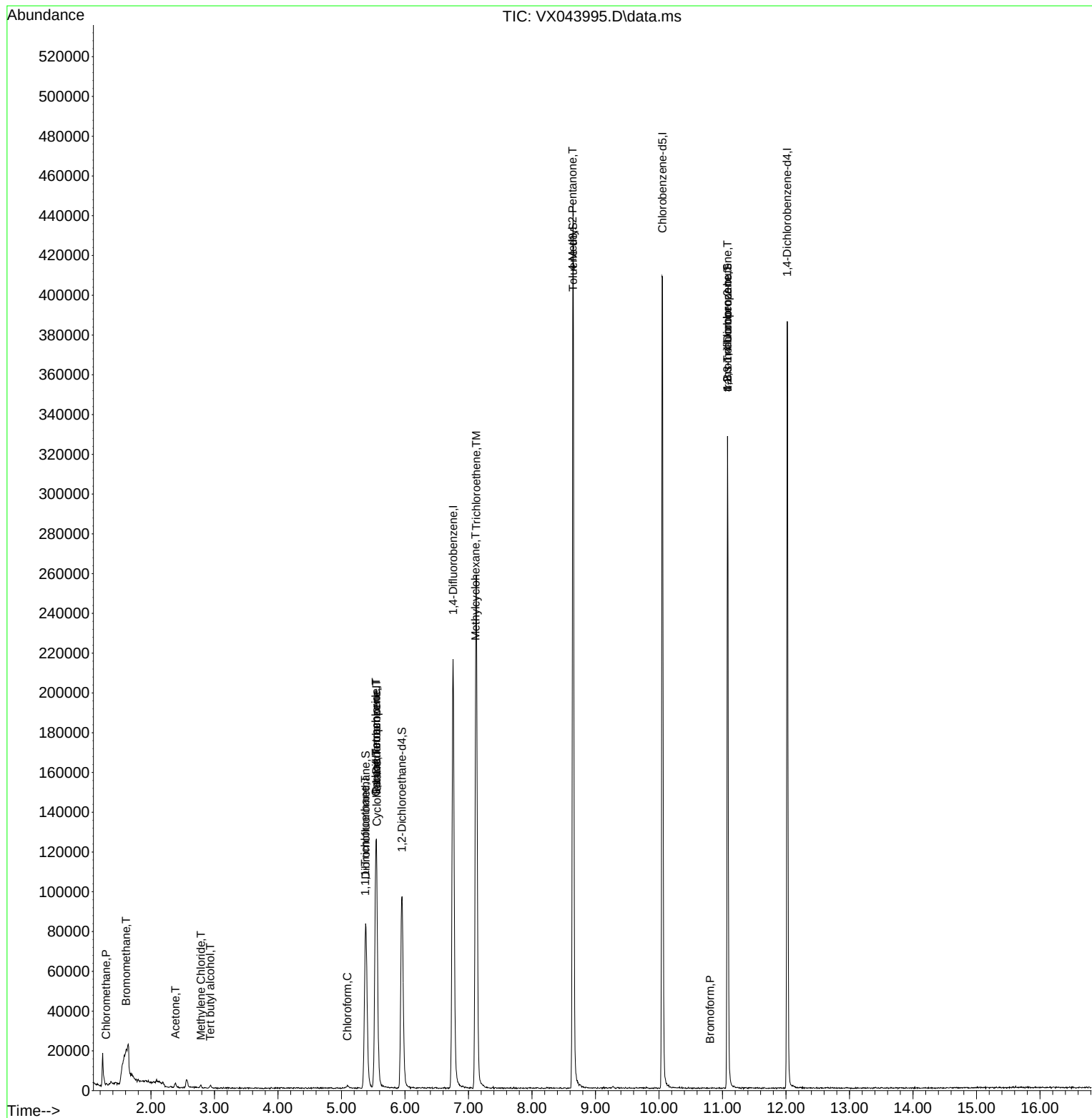
Internal Standards						
1) Pentafluorobenzene	5.550	168	113117	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	215357	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	75257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96160	49.563	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.120%		
35) Dibromofluoromethane	5.379	113	70790	46.002	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.000%		
50) Toluene-d8	8.647	98	262547	49.495	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.000%		
62) 4-Bromofluorobenzene	11.079	95	84222	46.653	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.300%		
Target Compounds					Qvalue	
3) Chloromethane	1.295	50	488	0.324	ug/l	90
5) Bromomethane	1.605	94	423	0.429	ug/l #	61
11) Tert butyl alcohol	2.934	59	454	1.458	ug/l #	73
16) Acetone	2.386	43	2079	2.333	ug/l	94
20) Methylene Chloride	2.788	84	572	0.378	ug/l #	54
30) Chloroform	5.093	83	1683	0.596	ug/l	84
31) Cyclohexane	5.556	56	3260	1.508	ug/l #	38
32) 1,1,1-Trichloroethane	5.373	97	973	0.399	ug/l #	51
36) 1,1-Dichloropropene	5.550	75	10439	5.444	ug/l #	50
38) Carbon Tetrachloride	5.544	117	13133	6.095	ug/l #	15
39) Methylcyclohexane	7.111	83	1413	0.567	ug/l #	6
44) Trichloroethene	7.123	130	96519	57.081	ug/l	95
51) 4-Methyl-2-Pentanone	8.641	43	1241	0.537	ug/l #	1
71) Bromoform	10.805	173	25	1.230	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	47688	28.895	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	47688	78.848	ug/l #	7

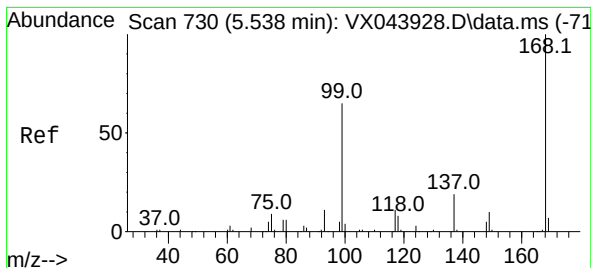
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112524\
Data File : VX043995.D
Acq On : 25 Nov 2024 18:31
Operator : JC/MD
Sample : P4846-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-04D-20241113

Quant Time: Nov 27 07:45:05 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: 5.550 min Scan# 71

Delta R.T. 0.012 min

Lab File: VX043995.D

Acq: 25 Nov 2024 18:31

Instrument :

MSVOA_X

ClientSampleId :

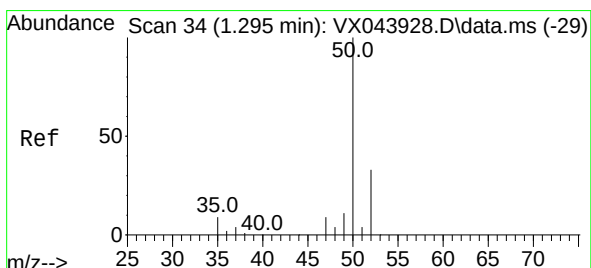
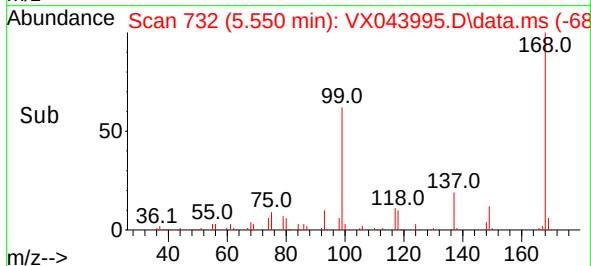
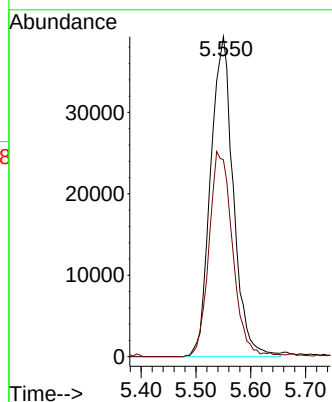
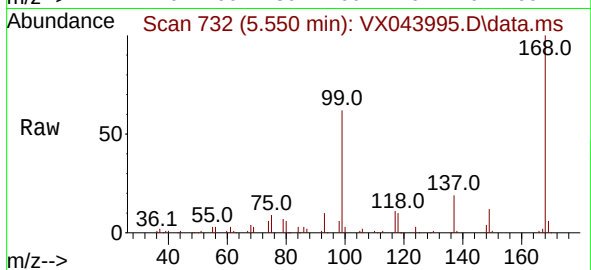
FSND-MW-EVAL-04D-20241113

Tgt Ion:168 Resp: 113117

Ion Ratio Lower Upper

168 100

99 61.6 51.8 77.8



#3

Chloromethane

Concen: 0.324 ug/l

RT: 1.295 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX043995.D

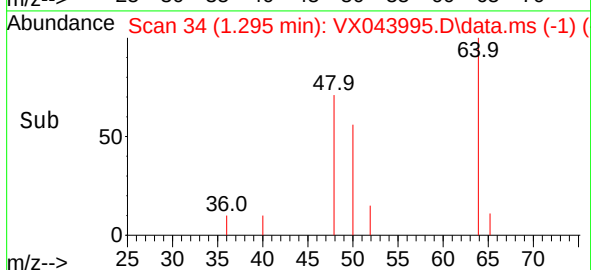
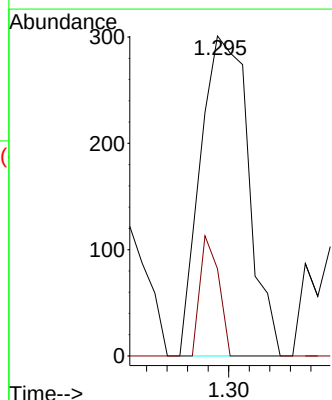
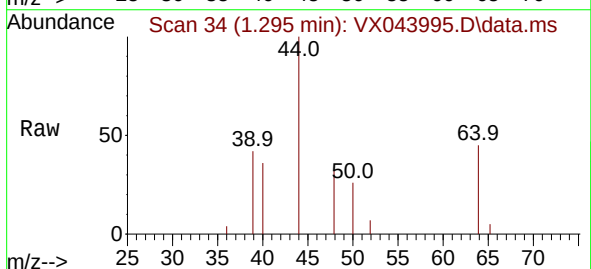
Acq: 25 Nov 2024 18:31

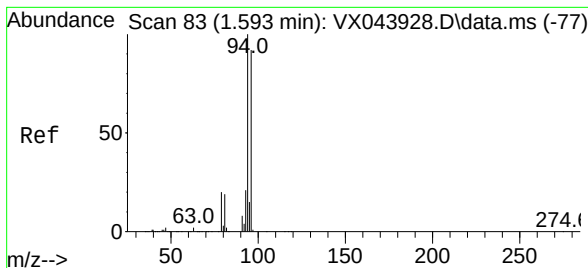
Tgt Ion: 50 Resp: 488

Ion Ratio Lower Upper

50 100

52 27.2 26.1 39.1





#5

Bromomethane

Concen: 0.429 ug/l

RT: 1.605 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX043995.D

Acq: 25 Nov 2024 18:31

Instrument :

MSVOA_X

ClientSampleId :

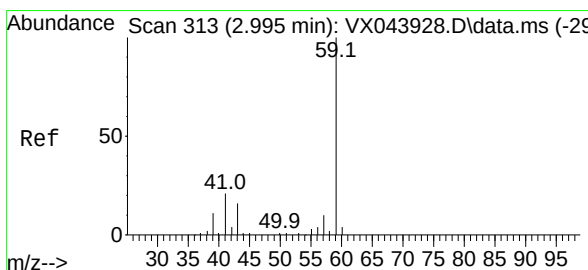
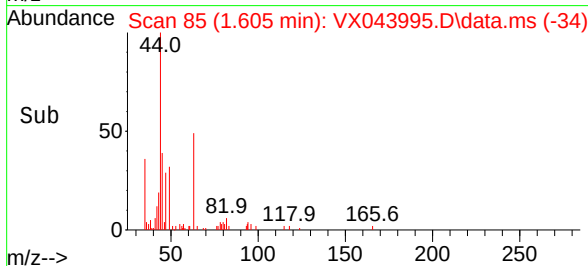
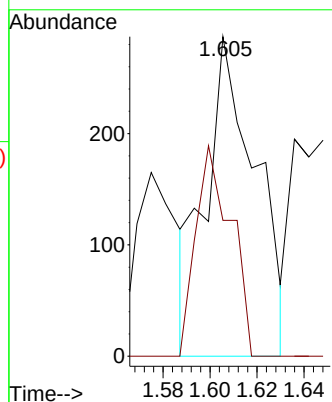
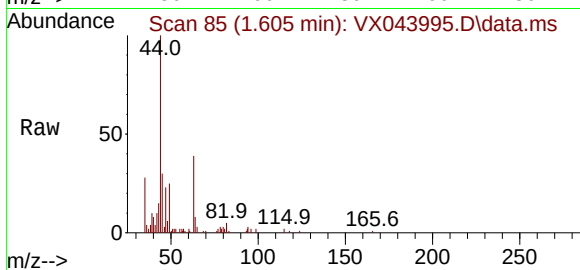
FSND-MW-EVAL-04D-20241113

Tgt Ion: 94 Resp: 423

Ion Ratio Lower Upper

94 100

96 54.7 73.9 110.9#



#11

Tert butyl alcohol

Concen: 1.458 ug/l

RT: 2.934 min Scan# 303

Delta R.T. -0.061 min

Lab File: VX043995.D

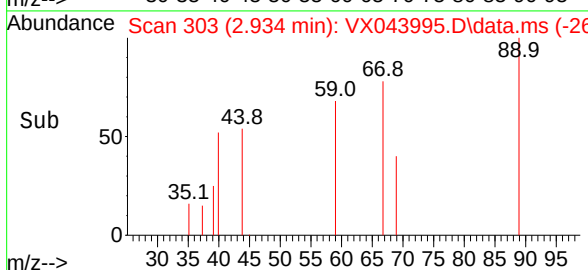
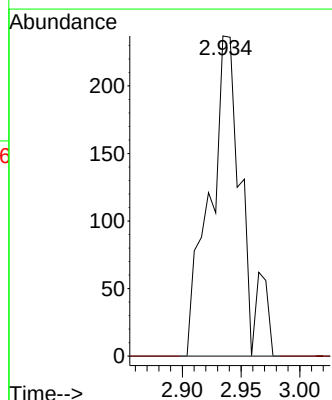
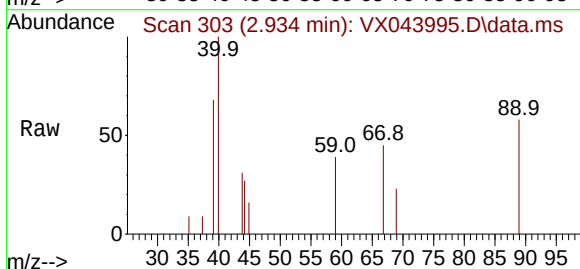
Acq: 25 Nov 2024 18:31

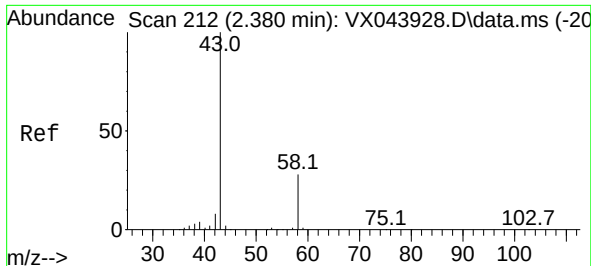
Tgt Ion: 59 Resp: 454

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#

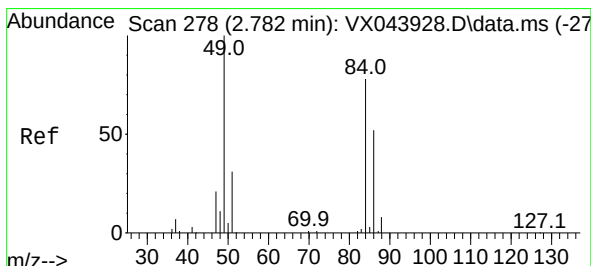
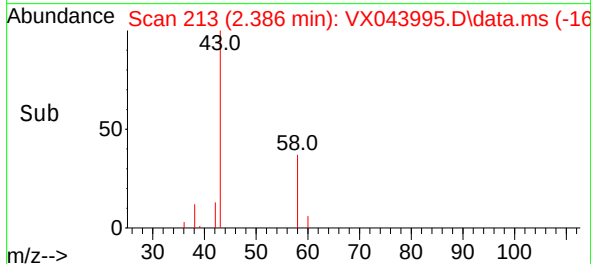
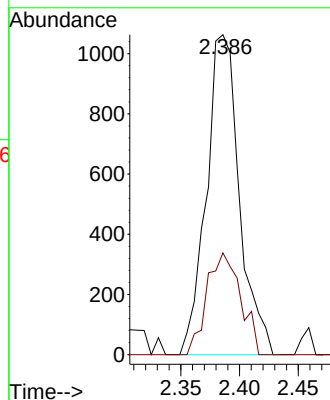
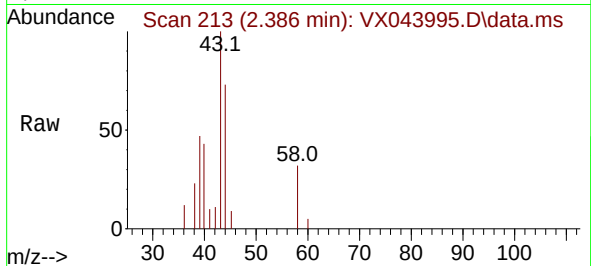




#16
Acetone
Concen: 2.333 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX043995.D
Acq: 25 Nov 2024 18:31

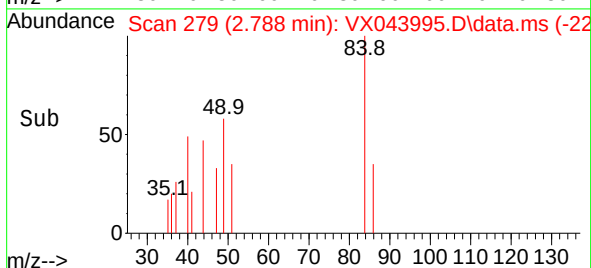
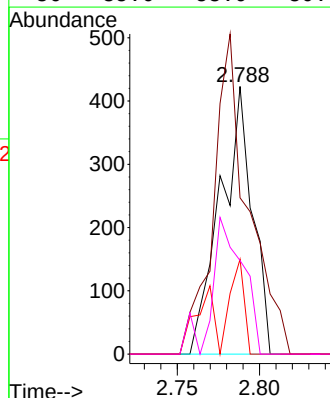
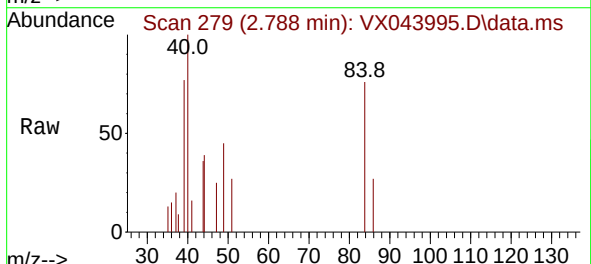
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-04D-20241113

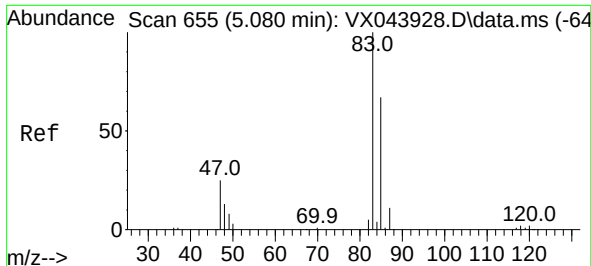
Tgt Ion: 43 Resp: 2079
Ion Ratio Lower Upper
43 100
58 31.8 22.7 34.1



#20
Methylene Chloride
Concen: 0.378 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX043995.D
Acq: 25 Nov 2024 18:31

Tgt Ion: 84 Resp: 572
Ion Ratio Lower Upper
84 100
49 58.4 102.7 154.1#
51 35.5 31.7 47.5
86 35.0 53.9 80.9#





#30

Chloroform

Concen: 0.596 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX043995.D

Acq: 25 Nov 2024 18:31

Instrument :

MSVOA_X

ClientSampleId :

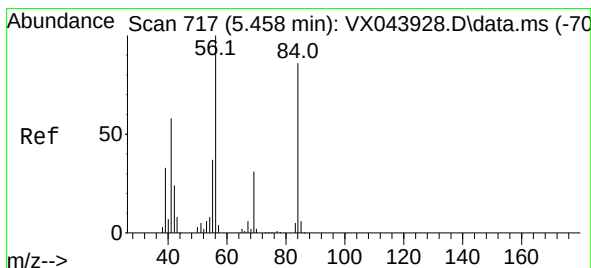
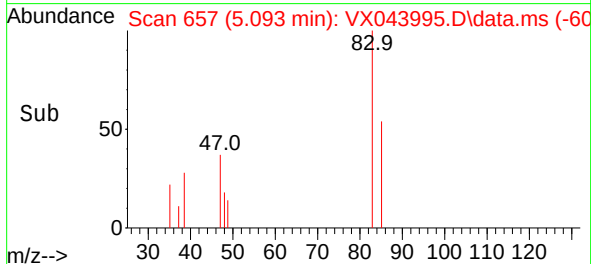
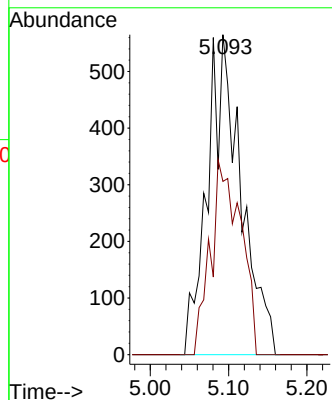
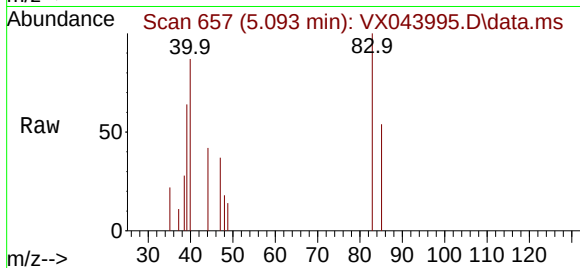
FSND-MW-EVAL-04D-20241113

Tgt Ion: 83 Resp: 1683

Ion Ratio Lower Upper

83 100

85 54.2 53.5 80.3



#31

Cyclohexane

Concen: 1.508 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.098 min

Lab File: VX043995.D

Acq: 25 Nov 2024 18:31

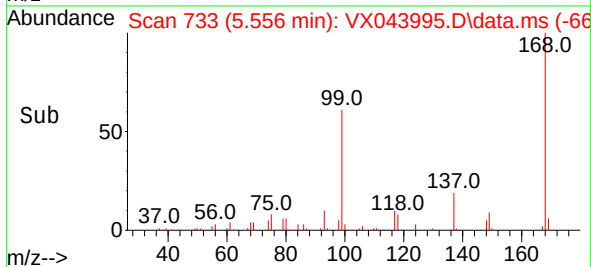
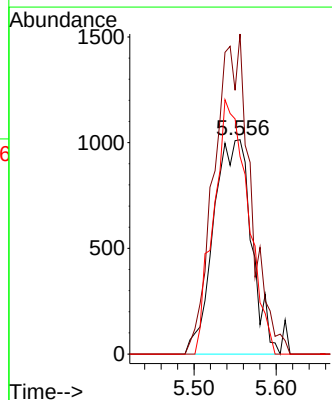
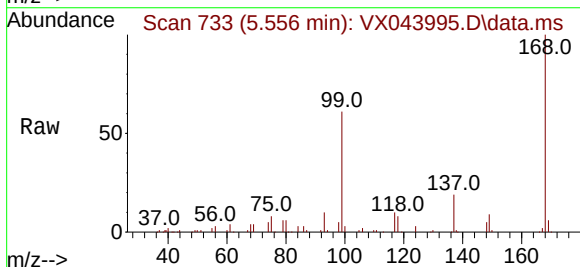
Tgt Ion: 56 Resp: 3260

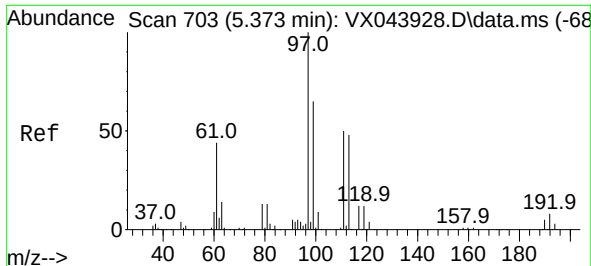
Ion Ratio Lower Upper

56 100

69 149.3 24.7 37.1#

84 92.1 68.7 103.1

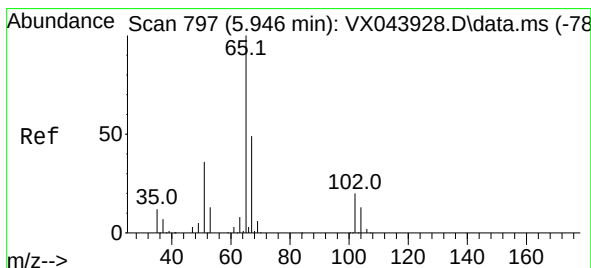
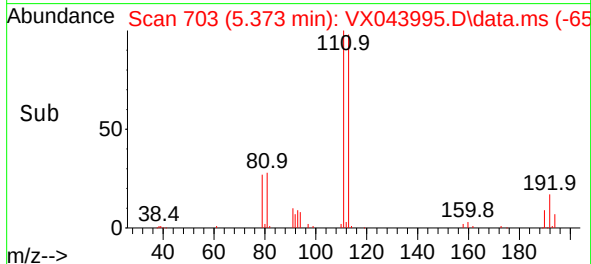
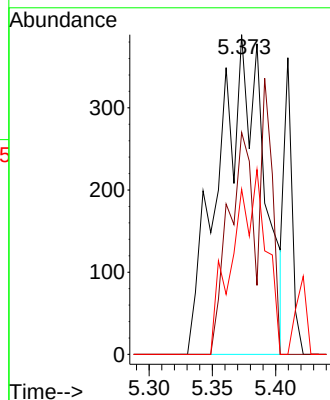
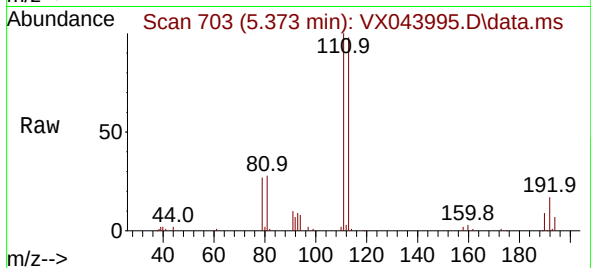




#32
1,1,1-Trichloroethane
Concen: 0.399 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX043995.D
Acq: 25 Nov 2024 18:31

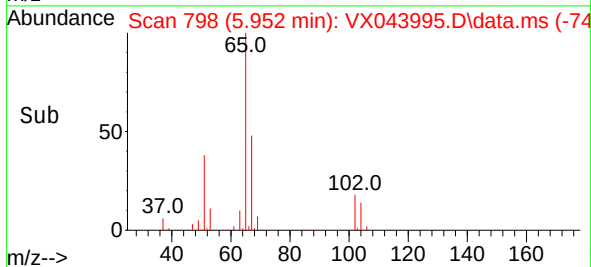
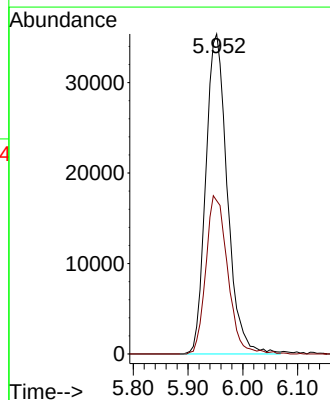
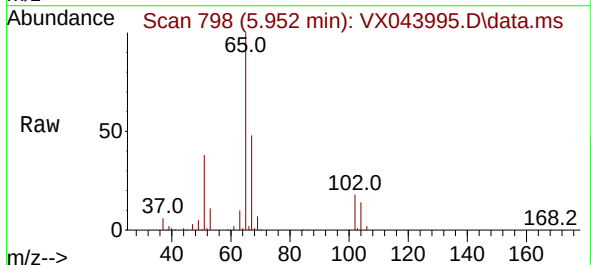
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-04D-20241113

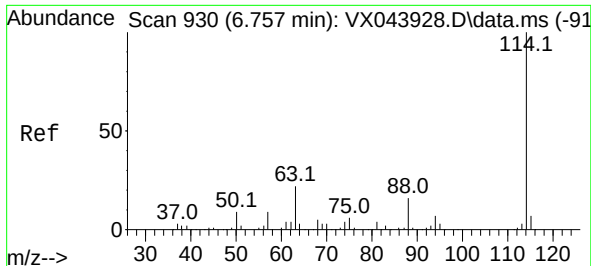
Tgt Ion: 97 Resp: 973
Ion Ratio Lower Upper
97 100
99 0.0 50.8 76.2#
61 42.3 35.4 53.2



#33
1,2-Dichloroethane-d4
Concen: 49.563 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX043995.D
Acq: 25 Nov 2024 18:31

Tgt Ion: 65 Resp: 96160
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.8

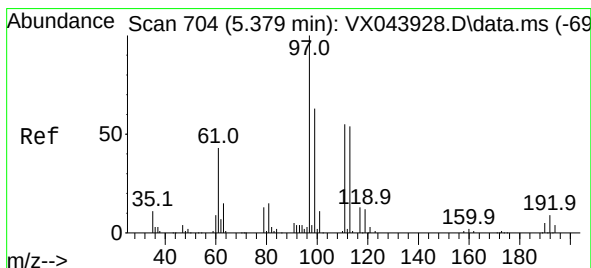
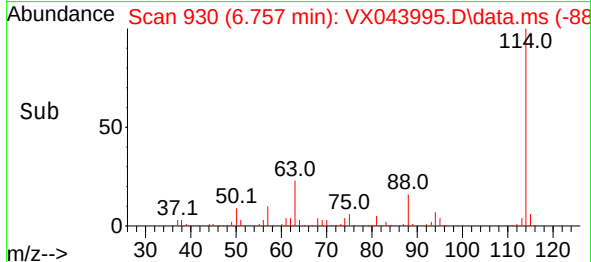
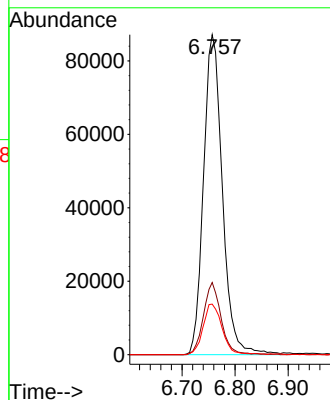
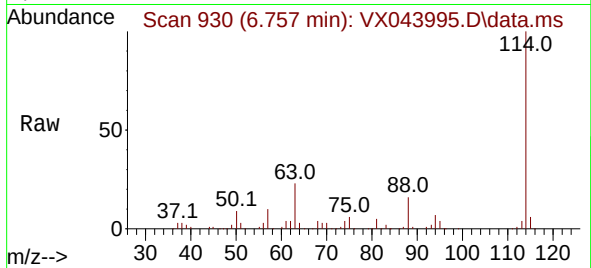




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX043995.D
Acq: 25 Nov 2024 18:31

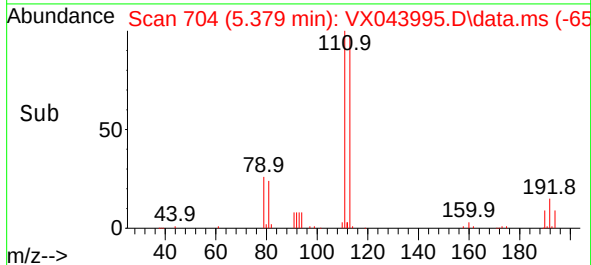
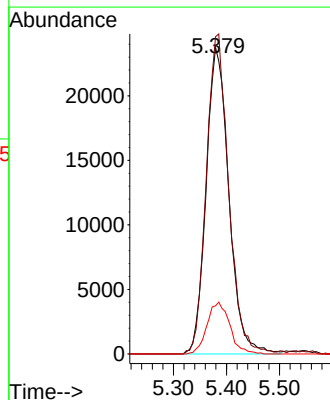
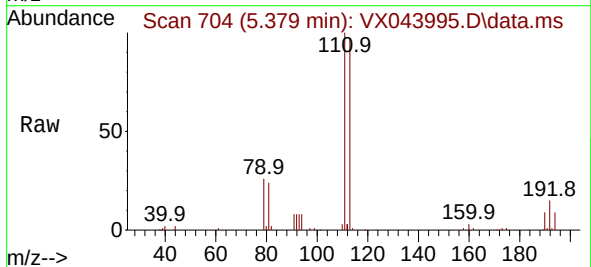
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-04D-20241113

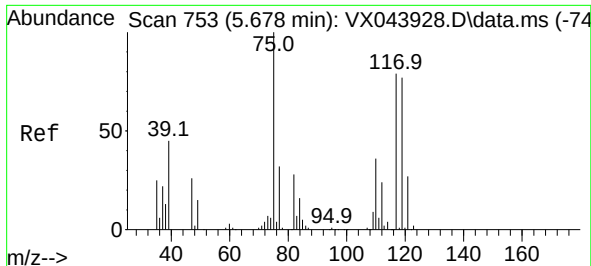
Tgt Ion:114 Resp: 215357
Ion Ratio Lower Upper
114 100
63 22.6 0.0 44.0
88 15.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 46.002 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX043995.D
Acq: 25 Nov 2024 18:31

Tgt Ion:113 Resp: 70790
Ion Ratio Lower Upper
113 100
111 102.5 81.0 121.4
192 16.9 13.0 19.6

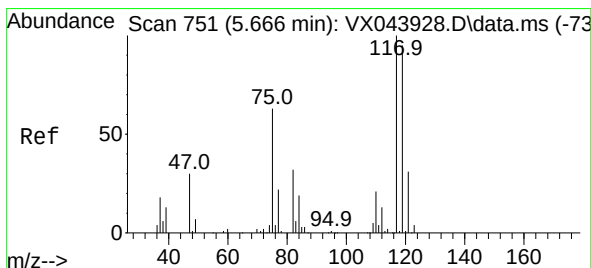
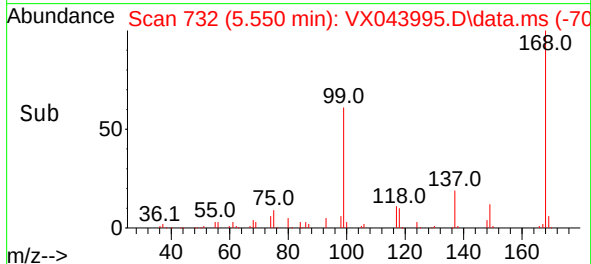
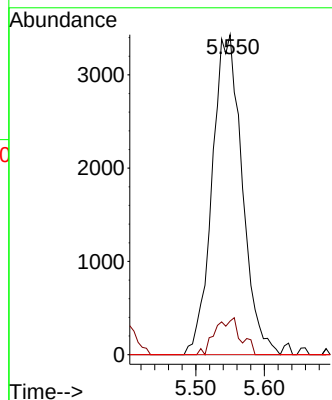
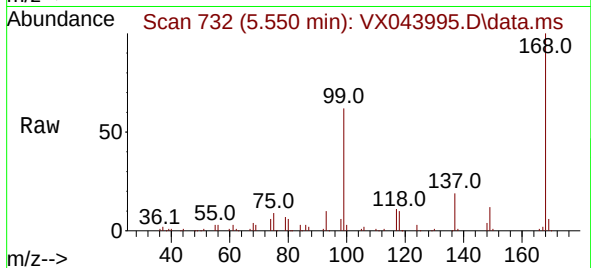




#36
1,1-Dichloropropene
Concen: 5.444 ug/l
RT: 5.550 min Scan# 74
Delta R.T. -0.128 min
Lab File: VX043995.D
Acq: 25 Nov 2024 18:31

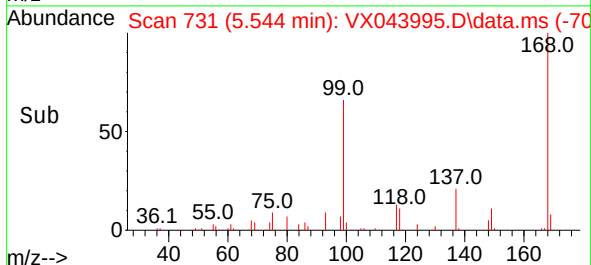
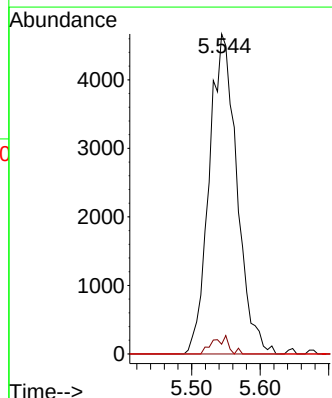
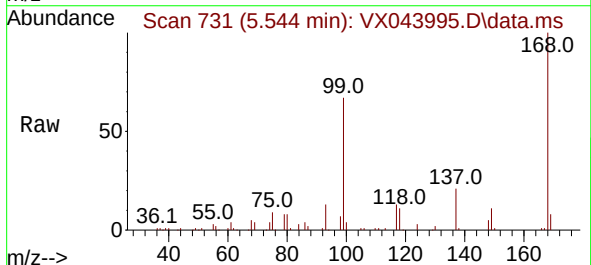
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-04D-20241113

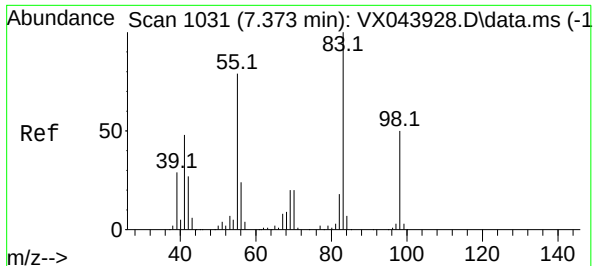
Tgt Ion: 75 Resp: 10439
Ion Ratio Lower Upper
75 100
110 9.8 17.4 52.2#
77 0.0 25.8 38.8#



#38
Carbon Tetrachloride
Concen: 6.095 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.122 min
Lab File: VX043995.D
Acq: 25 Nov 2024 18:31

Tgt Ion:117 Resp: 13133
Ion Ratio Lower Upper
117 100
119 3.0 75.2 112.8#
121 0.0 24.5 36.7#





#39

Methylcyclohexane

Concen: 0.567 ug/l

RT: 7.111 min Scan# 90

Delta R.T. -0.262 min

Lab File: VX043995.D

Acq: 25 Nov 2024 18:31

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-EVAL-04D-20241113

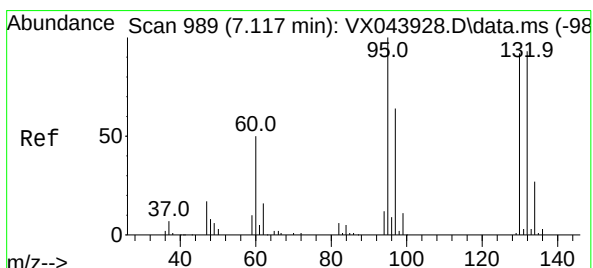
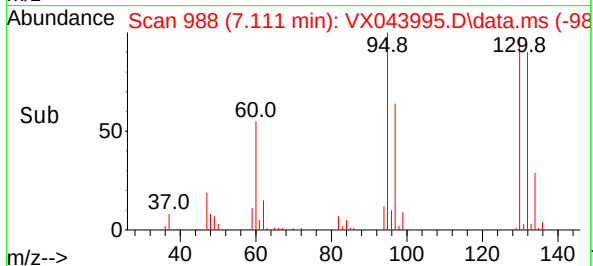
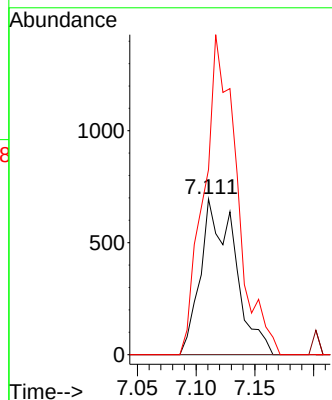
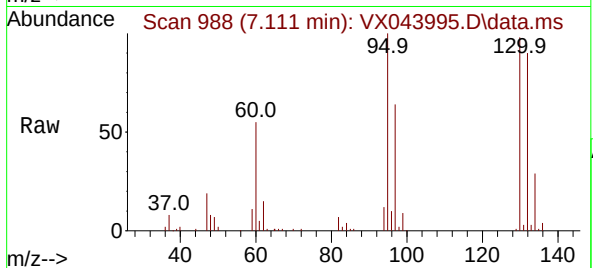
Tgt Ion: 83 Resp: 1413

Ion Ratio Lower Upper

83 100

55 0.0 63.1 94.7#

98 119.0 40.0 60.0#



#44

Trichloroethene

Concen: 57.081 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX043995.D

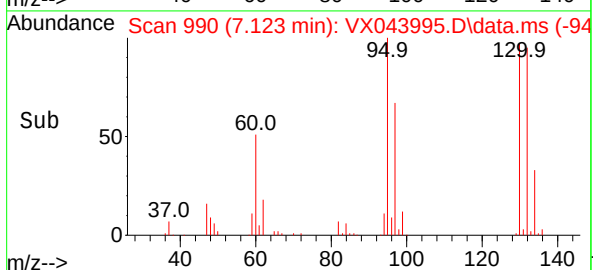
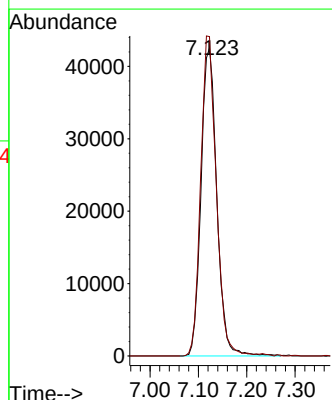
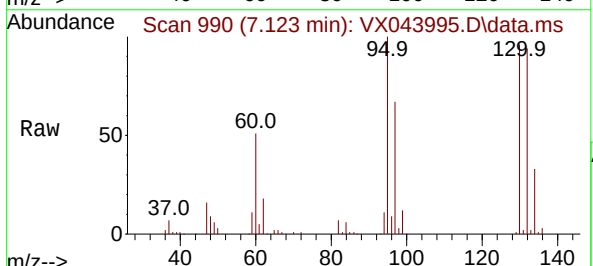
Acq: 25 Nov 2024 18:31

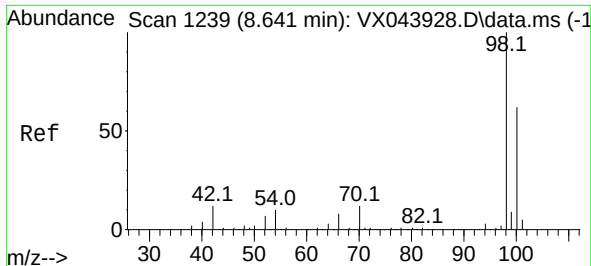
Tgt Ion:130 Resp: 96519

Ion Ratio Lower Upper

130 100

95 103.8 0.0 217.8





#50

Toluene-d8

Concen: 49.495 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX043995.D

Acq: 25 Nov 2024 18:31

Instrument :

MSVOA_X

ClientSampleId :

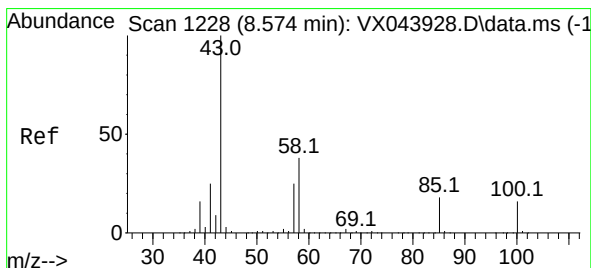
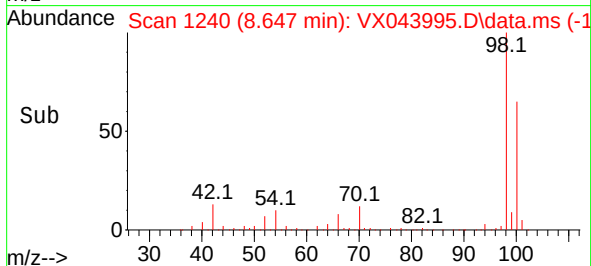
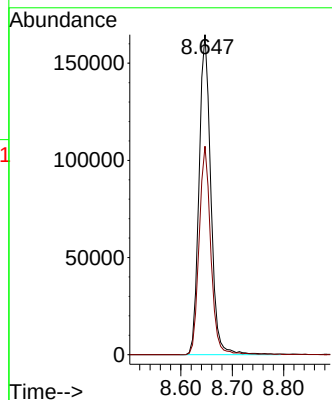
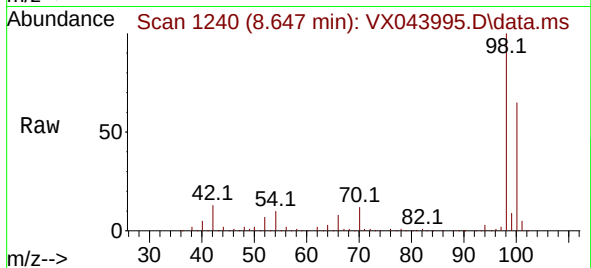
FSND-MW-EVAL-04D-20241113

Tgt Ion: 98 Resp: 262547

Ion Ratio Lower Upper

98 100

100 64.6 52.6 79.0



#51

4-Methyl-2-Pentanone

Concen: 0.537 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.067 min

Lab File: VX043995.D

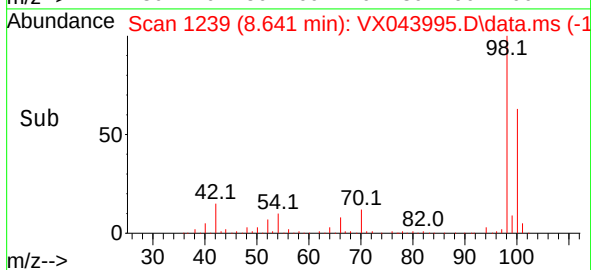
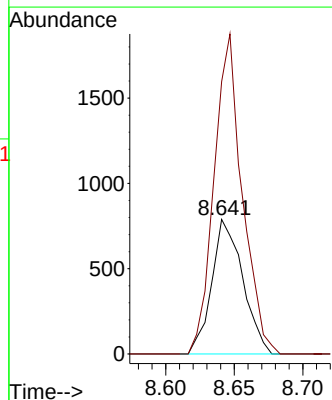
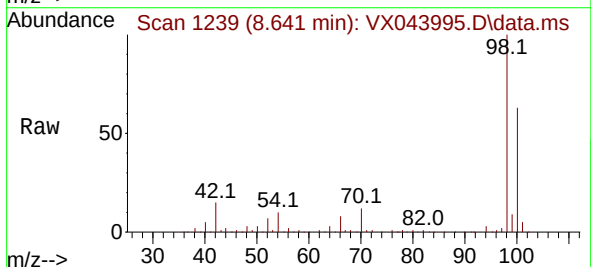
Acq: 25 Nov 2024 18:31

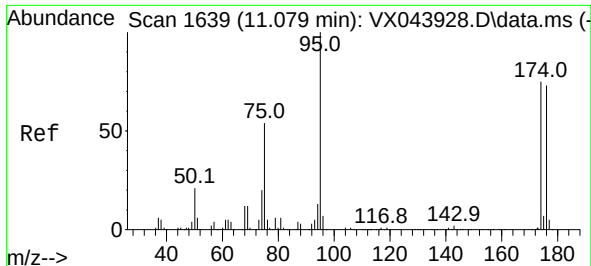
Tgt Ion: 43 Resp: 1241

Ion Ratio Lower Upper

43 100

58 216.8 30.0 45.0#





#62

4-Bromofluorobenzene

Concen: 46.653 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043995.D

Acq: 25 Nov 2024 18:31

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-EVAL-04D-20241113

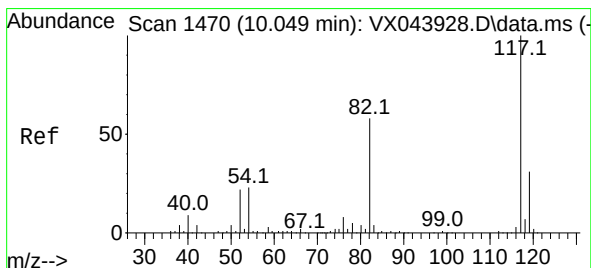
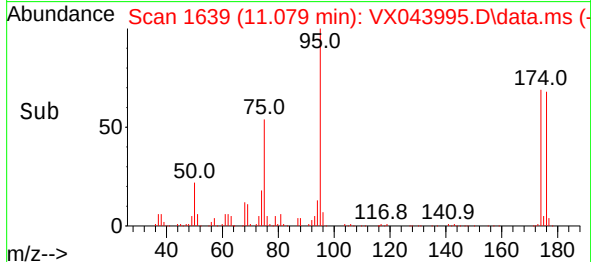
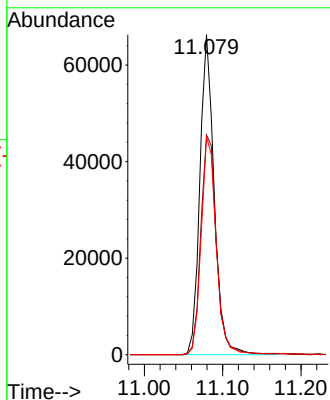
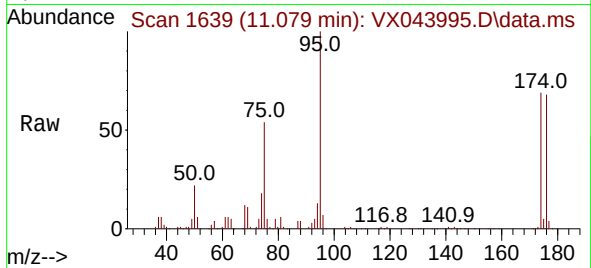
Tgt Ion: 95 Resp: 84222

Ion Ratio Lower Upper

95 100

174 74.4 0.0 150.4

176 71.2 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: VX043995.D

Acq: 25 Nov 2024 18:31

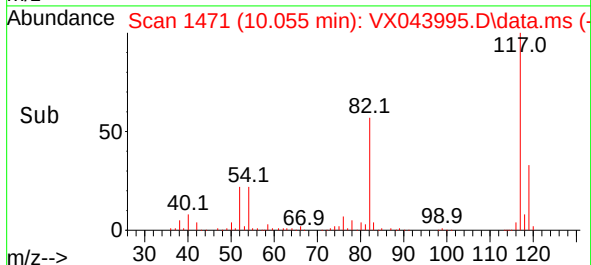
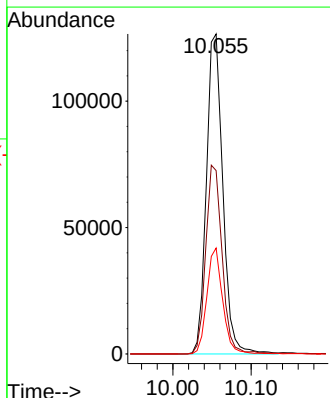
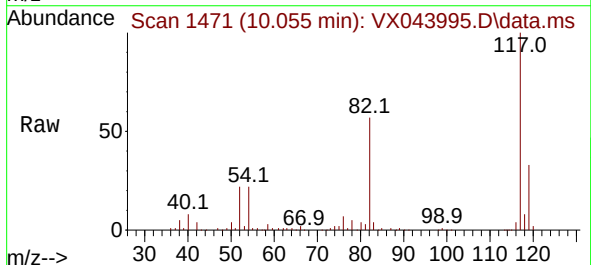
Tgt Ion: 117 Resp: 184073

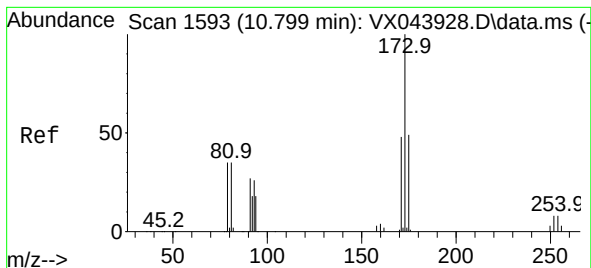
Ion Ratio Lower Upper

117 100

82 57.3 46.4 69.6

119 33.1 24.6 37.0





#71

Bromoform

Concen: 1.230 ug/l

RT: 10.805 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043995.D

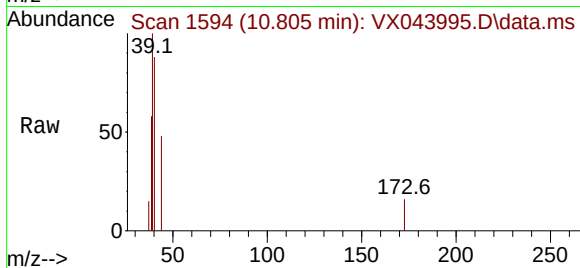
Acq: 25 Nov 2024 18:31

Instrument :

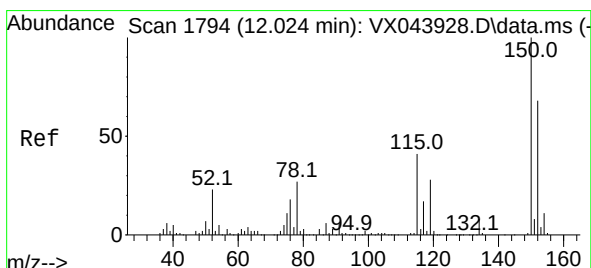
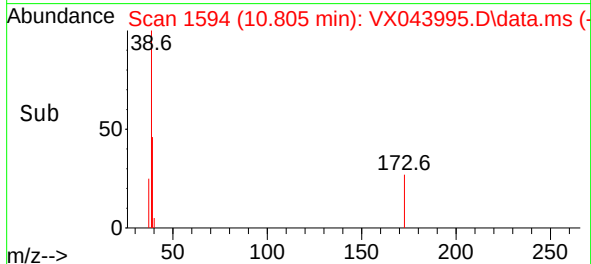
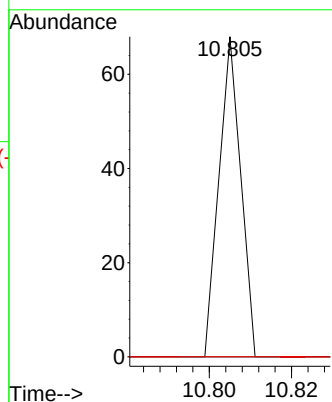
MSVOA_X

ClientSampleId :

FSND-MW-EVAL-04D-20241113



Tgt Ion:173	Resp:	25
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

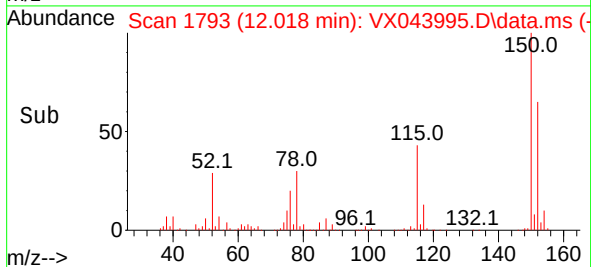
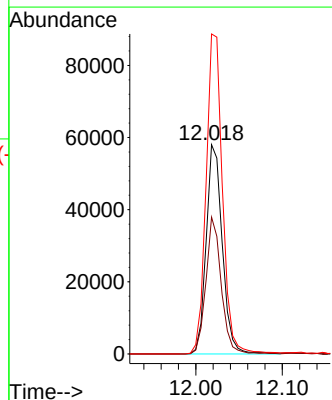
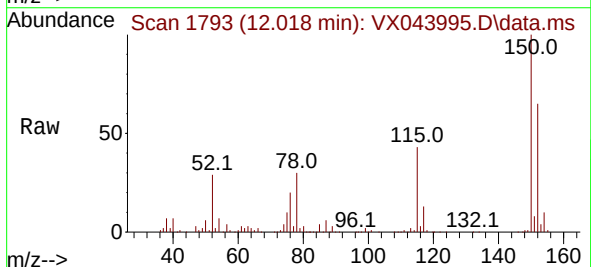
RT: 12.018 min Scan# 1793

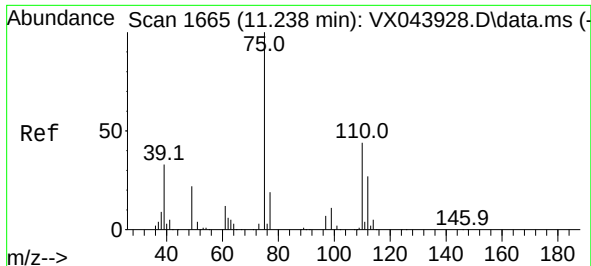
Delta R.T. -0.006 min

Lab File: VX043995.D

Acq: 25 Nov 2024 18:31

Tgt Ion:152	Resp:	75257
Ion Ratio	Lower	Upper
152	100	
115	62.1	45.4 136.2
150	155.0	0.0 353.0





#76

1,2,3-Trichloropropane

Concen: 28.895 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043995.D

Acq: 25 Nov 2024 18:31

Instrument :

MSVOA_X

ClientSampleId :

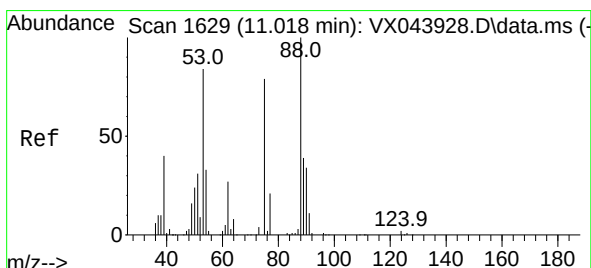
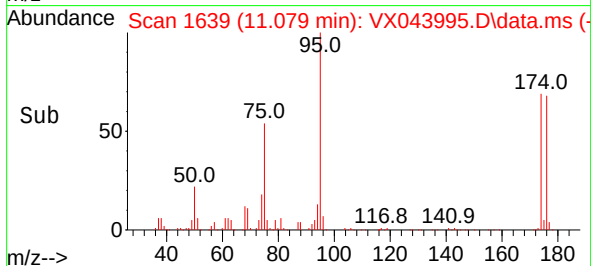
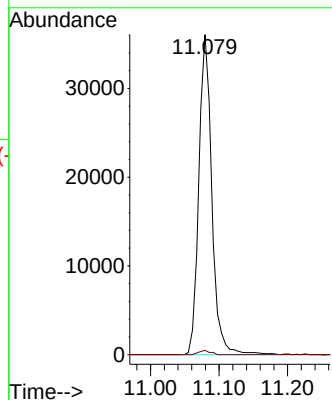
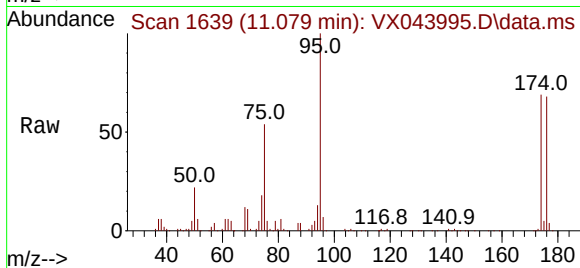
FSND-MW-EVAL-04D-20241113

Tgt Ion: 75 Resp: 47688

Ion Ratio Lower Upper

75 100

77 1.2 21.8 65.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.848 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043995.D

Acq: 25 Nov 2024 18:31

Tgt Ion: 75 Resp: 47688

Ion Ratio Lower Upper

75 100

53 0.0 86.7 130.1#

89 0.1 38.2 57.2#

