

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038730.D
 Acq On : 10 Nov 2023 15:48
 Operator : JC/MD
 Sample : 05222-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-27-20231101

Quant Time: Nov 11 01:55:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

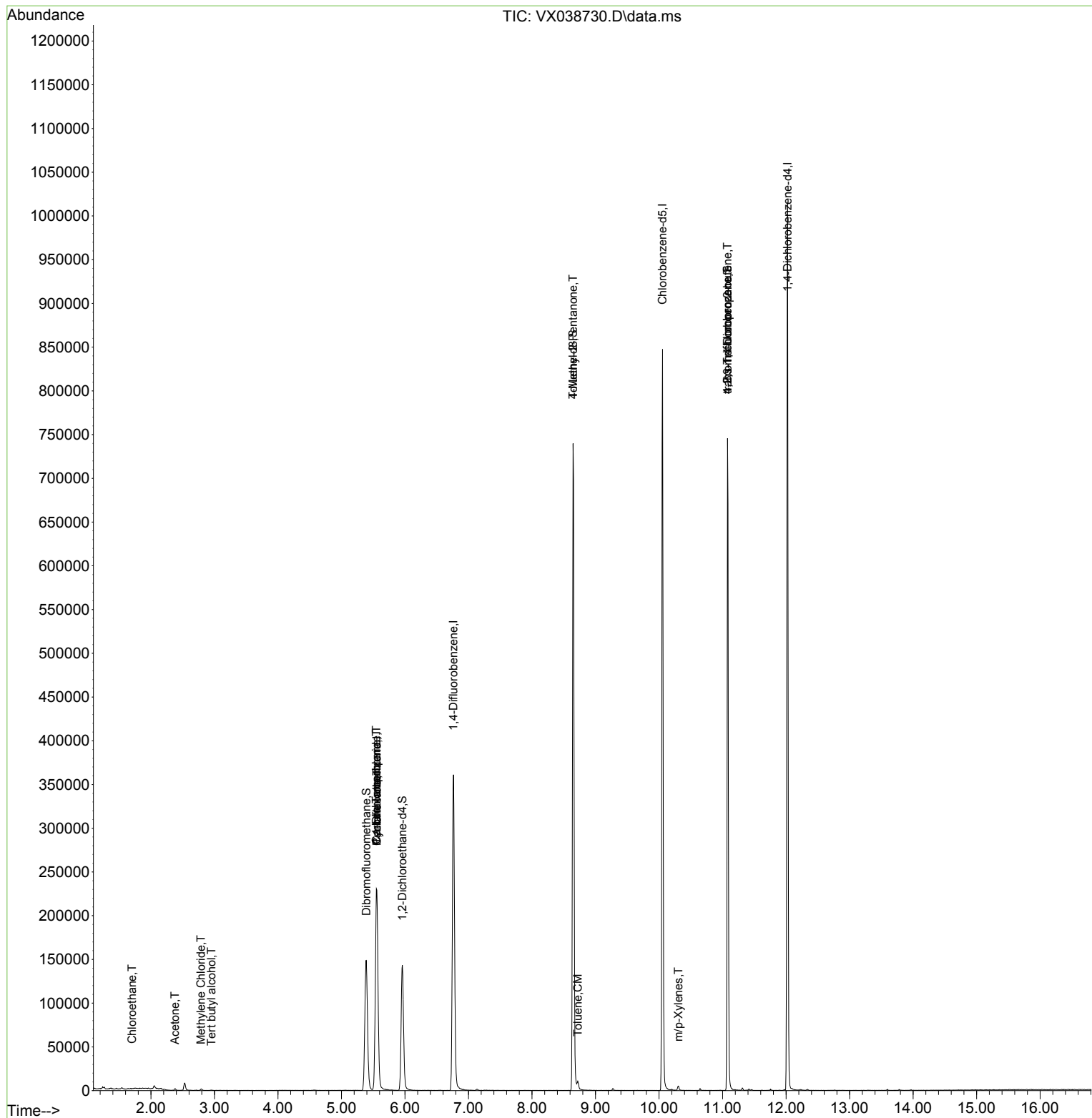
Internal Standards						
1) Pentafluorobenzene	5.555	168	243995	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	407938	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	420212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	241807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	144874	47.693	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.380%
35) Dibromofluoromethane	5.391	113	135445	46.100	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.200%
50) Toluene-d8	8.646	98	480893	45.740	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.480%#
62) 4-Bromofluorobenzene	11.079	95	203250	49.862	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.720%
Target Compounds						
					Qvalue	
6) Chloroethane	1.702	64	1710	1.158	ug/l	# 43
11) Tert butyl alcohol	2.952	59	356	0.573	ug/l	# 78
16) Acetone	2.379	43	2055	1.606	ug/l	99
20) Methylene Chloride	2.788	84	749	0.290	ug/l	91
31) Cyclohexane	5.555	56	3808	1.133	ug/l	# 1
36) 1,1-Dichloropropene	5.549	75	15859	4.345	ug/l	# 51
38) Carbon Tetrachloride	5.549	117	23339	5.720	ug/l	# 14
51) 4-Methyl-2-Pentanone	8.646	43	1554	0.416	ug/l	# 1
52) Toluene	8.720	92	2851	0.414	ug/l	90
68) m/p-Xylenes	10.305	106	1416	0.247	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	96903	20.235	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	96903	61.763	ug/l	# 5

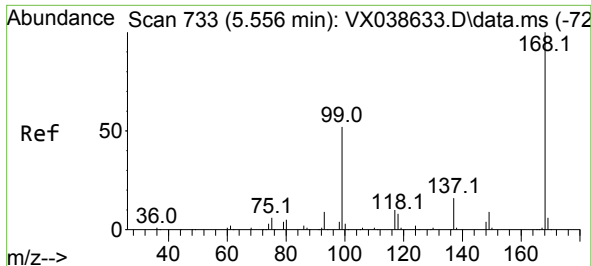
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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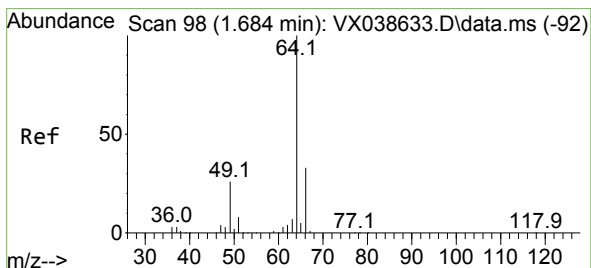
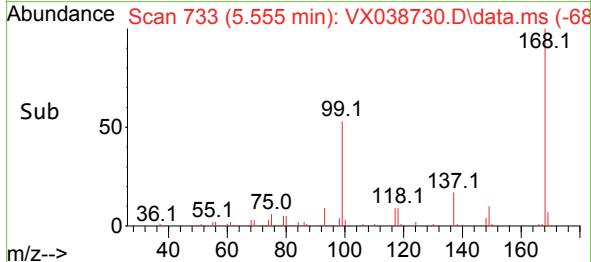
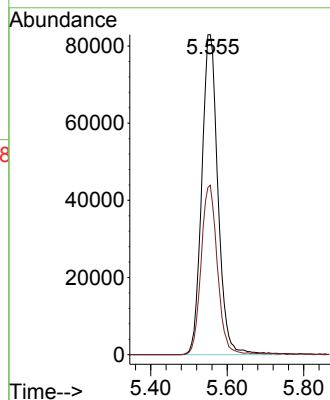
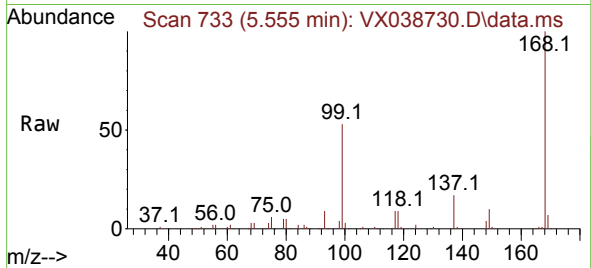




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX038730.D
Acq: 10 Nov 2023 15:48

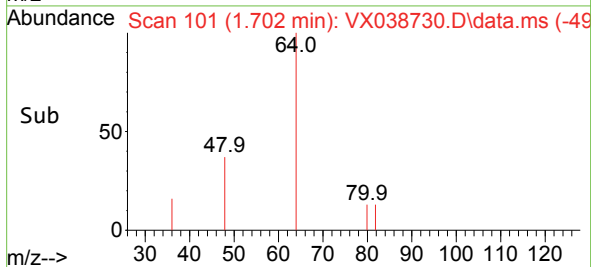
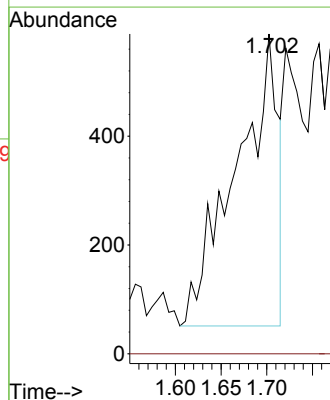
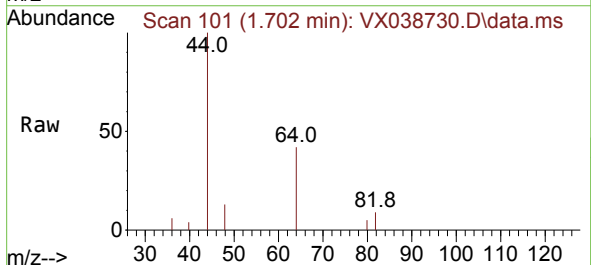
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-27-20231101

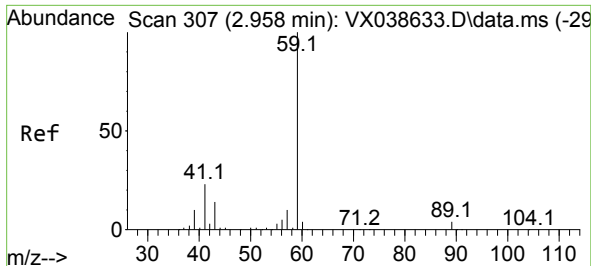
Tgt Ion:168 Resp: 243995
Ion Ratio Lower Upper
168 100
99 53.0 56.6 85.0#



#6
Chloroethane
Concen: 1.158 ug/l
RT: 1.702 min Scan# 101
Delta R.T. 0.018 min
Lab File: VX038730.D
Acq: 10 Nov 2023 15:48

Tgt Ion: 64 Resp: 1710
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.573 ug/l

RT: 2.952 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX038730.D

Acq: 10 Nov 2023 15:48

Instrument :

MSVOA_X

ClientSampleId :

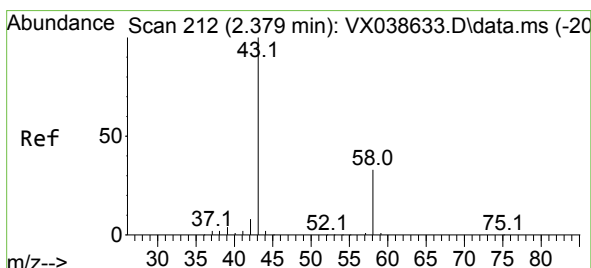
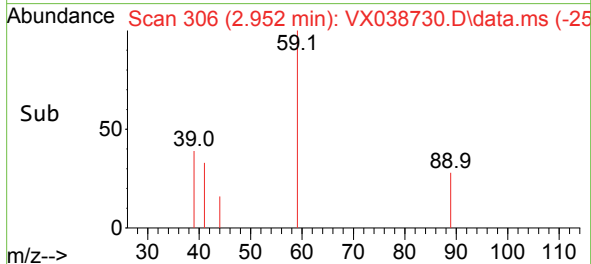
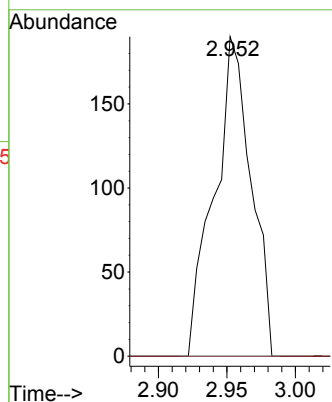
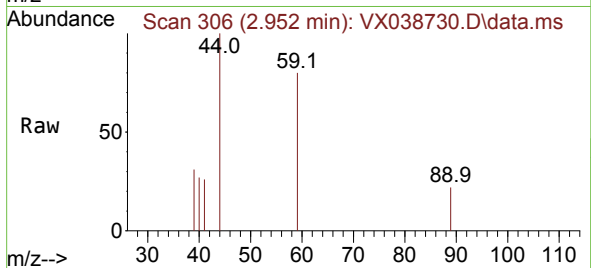
FSND-MW-27-20231101

Tgt Ion: 59 Resp: 356

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 1.606 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX038730.D

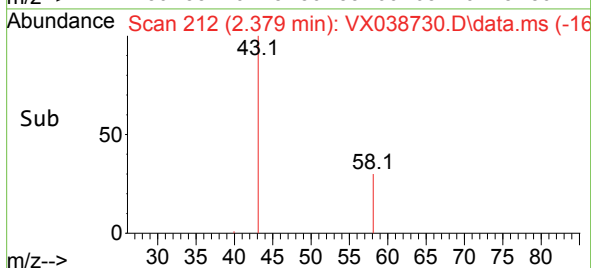
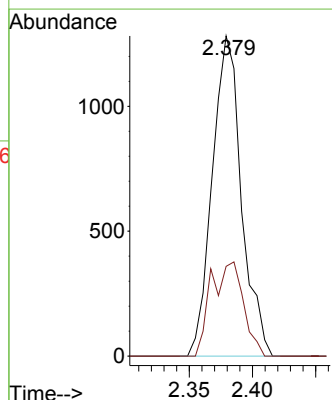
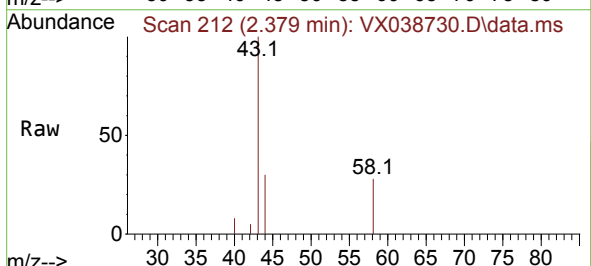
Acq: 10 Nov 2023 15:48

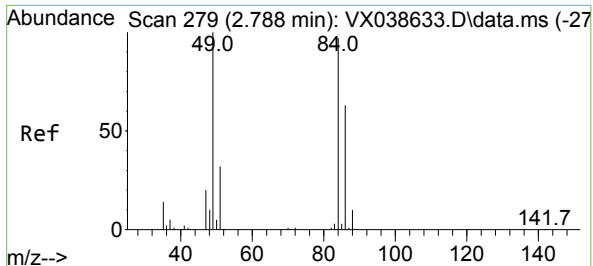
Tgt Ion: 43 Resp: 2055

Ion Ratio Lower Upper

43 100

58 28.0 21.9 32.9

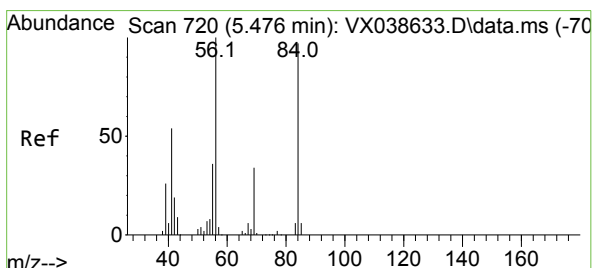
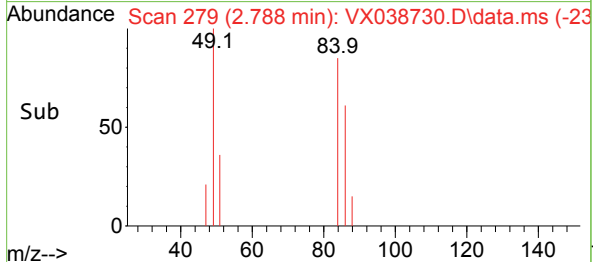
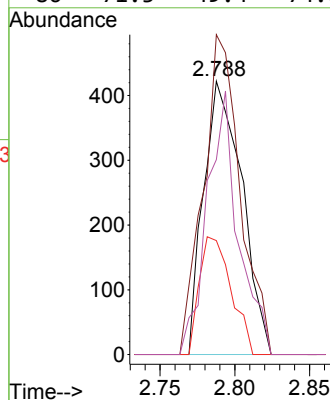
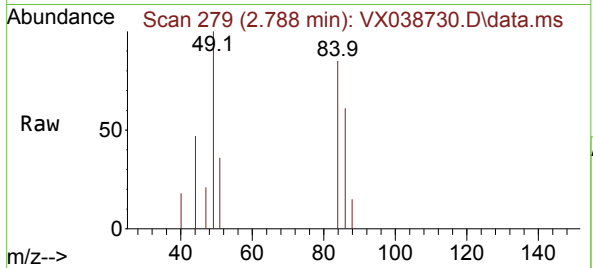




#20
Methylene Chloride
Concen: 0.290 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038730.D
Acq: 10 Nov 2023 15:48

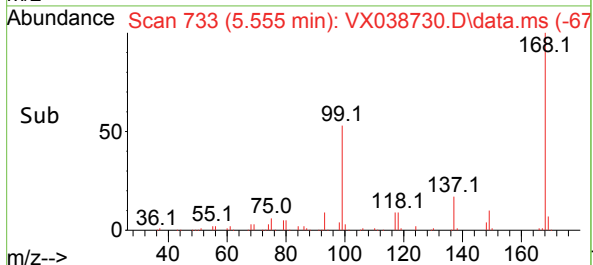
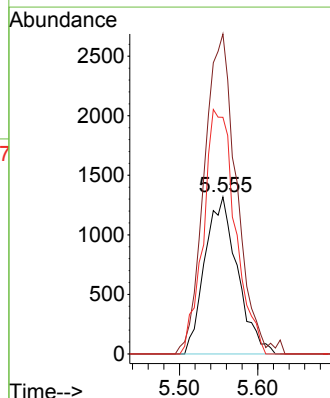
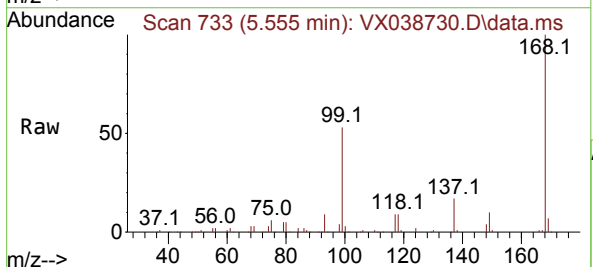
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-27-20231101

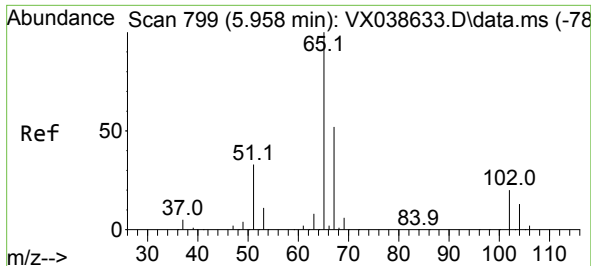
Tgt Ion:	84	Resp:	749
Ion	Ratio	Lower	Upper
84	100		
49	117.1	103.6	155.4
51	41.7	33.8	50.6
86	71.3	49.4	74.0



#31
Cyclohexane
Concen: 1.133 ug/l
RT: 5.555 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX038730.D
Acq: 10 Nov 2023 15:48

Tgt Ion:	56	Resp:	3808
Ion	Ratio	Lower	Upper
56	100		
69	199.2	23.4	35.2#
84	150.8	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.693 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX038730.D

Acq: 10 Nov 2023 15:48

Instrument :

MSVOA_X

ClientSampleId :

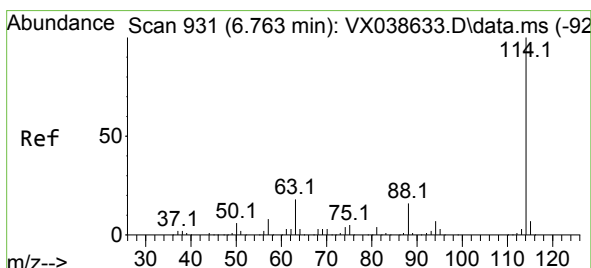
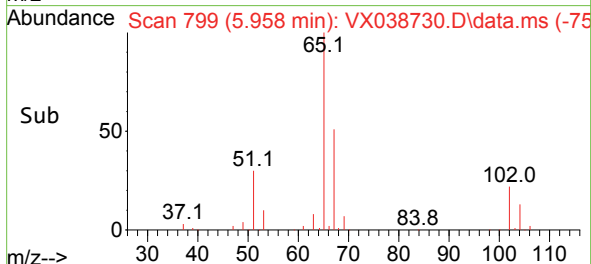
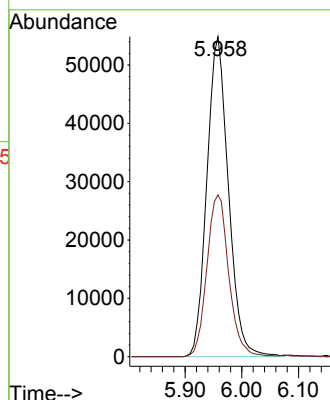
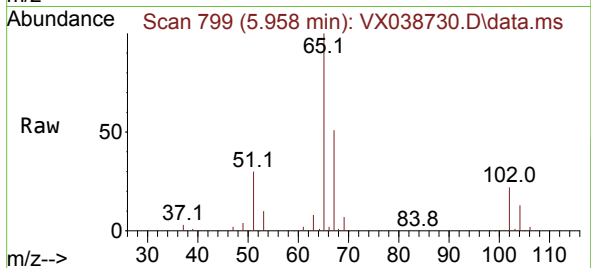
FSND-MW-27-20231101

Tgt Ion: 65 Resp: 144874

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX038730.D

Acq: 10 Nov 2023 15:48

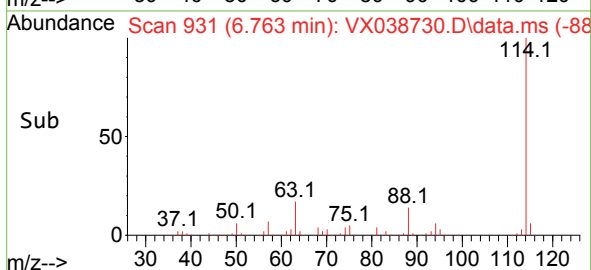
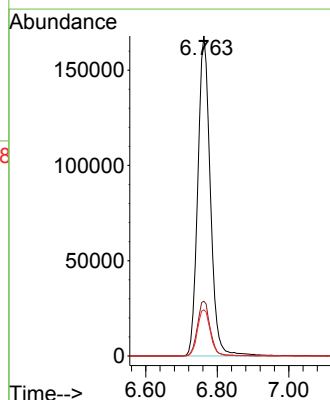
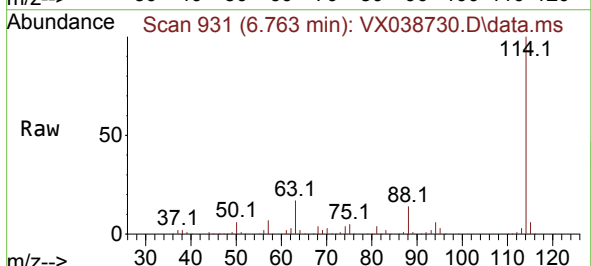
Tgt Ion: 114 Resp: 407938

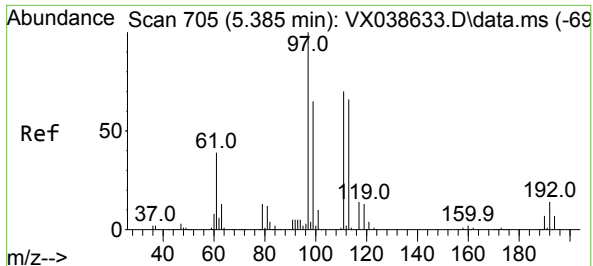
Ion Ratio Lower Upper

114 100

63 17.1 0.0 45.0

88 14.4 0.0 36.6

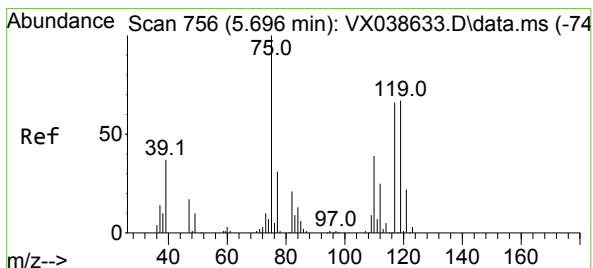
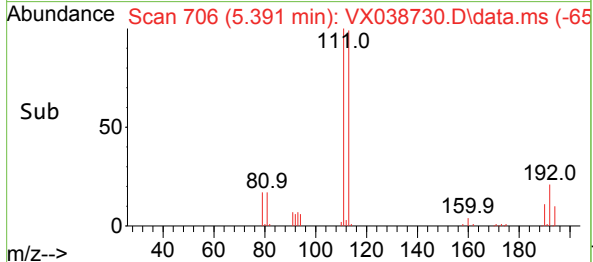
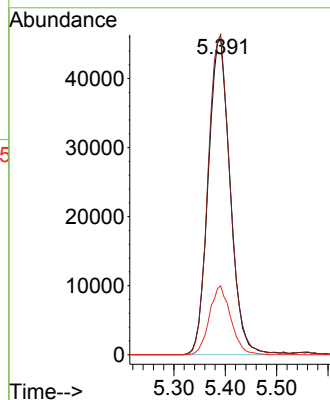
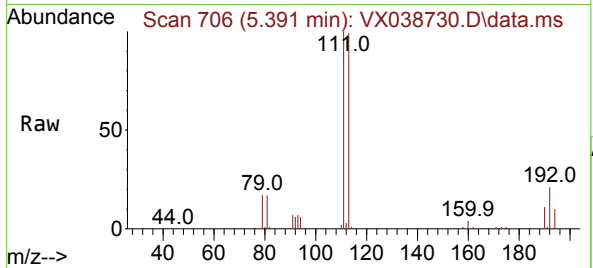




#35
Dibromofluoromethane
Concen: 46.100 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038730.D
Acq: 10 Nov 2023 15:48

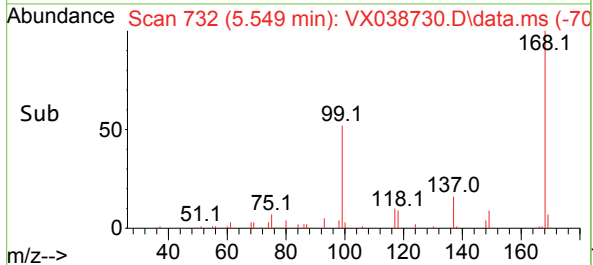
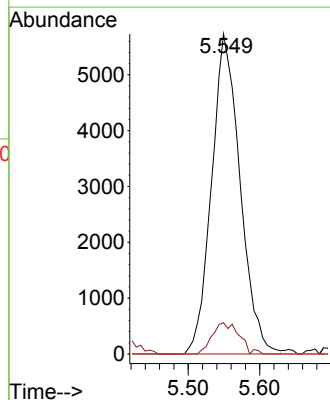
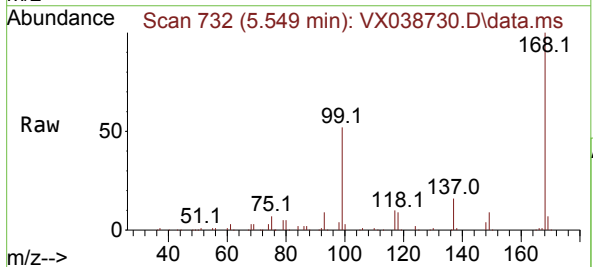
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-27-20231101

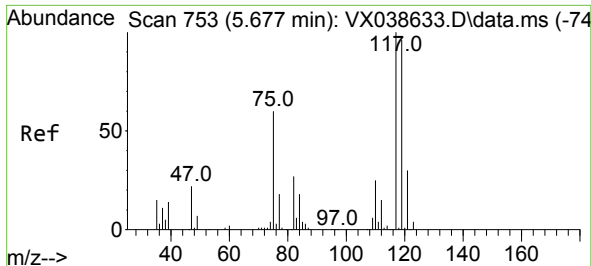
Tgt Ion:113 Resp: 135445
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 21.2 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.345 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX038730.D
Acq: 10 Nov 2023 15:48

Tgt Ion: 75 Resp: 15859
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#

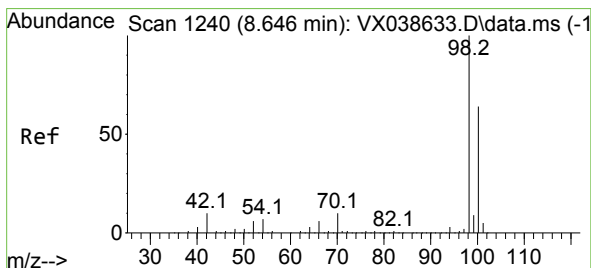
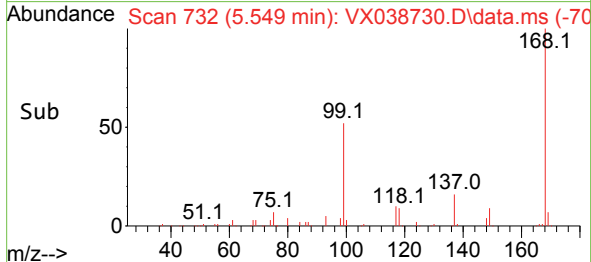
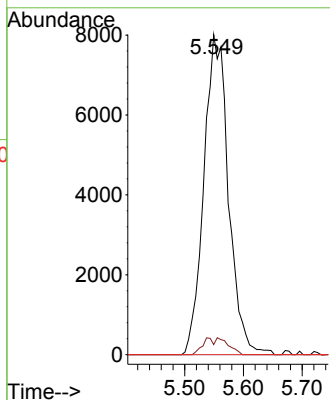
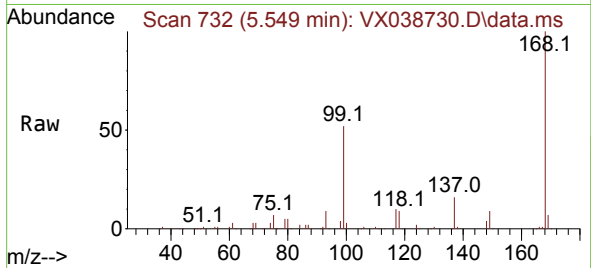




#38
Carbon Tetrachloride
Concen: 5.720 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038730.D
Acq: 10 Nov 2023 15:48

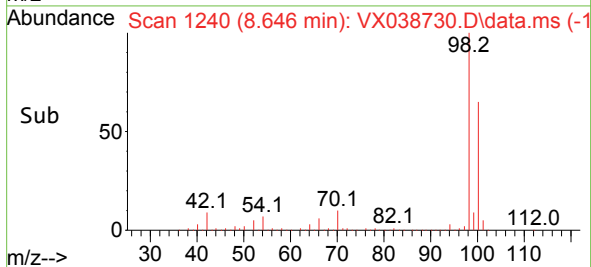
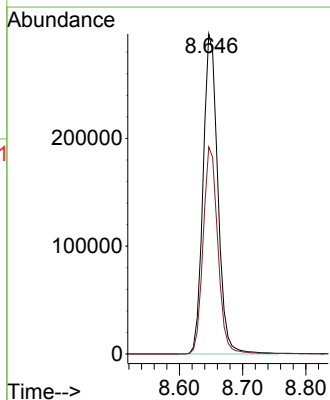
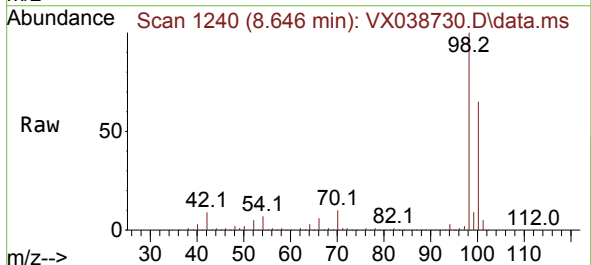
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-27-20231101

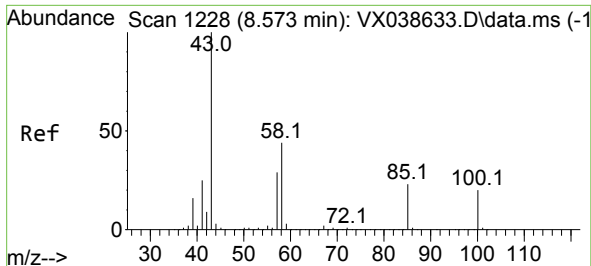
Tgt Ion:117 Resp: 23339
Ion Ratio Lower Upper
117 100
119 3.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.740 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX038730.D
Acq: 10 Nov 2023 15:48

Tgt Ion: 98 Resp: 480893
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7

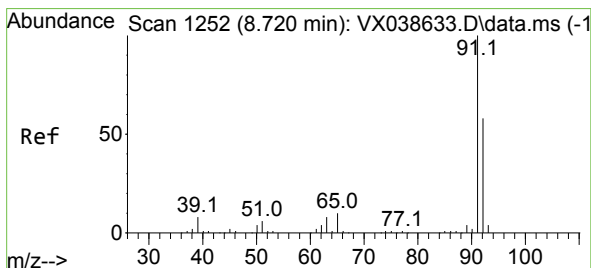
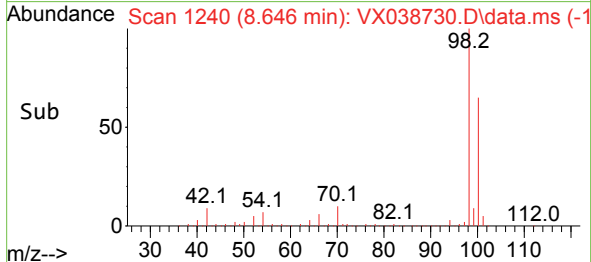
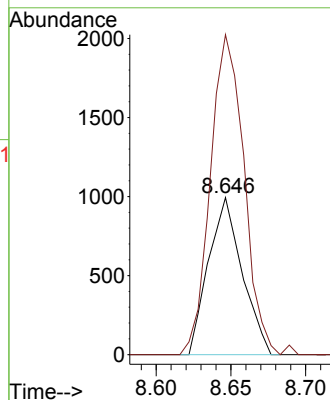
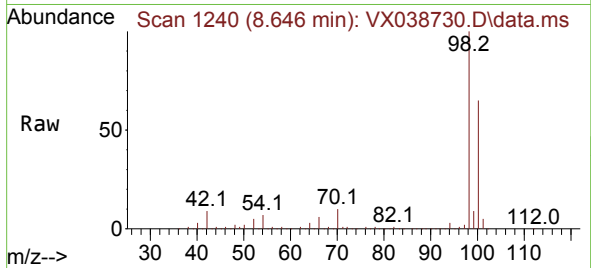




#51
4-Methyl-2-Pentanone
Concen: 0.416 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038730.D
Acq: 10 Nov 2023 15:48

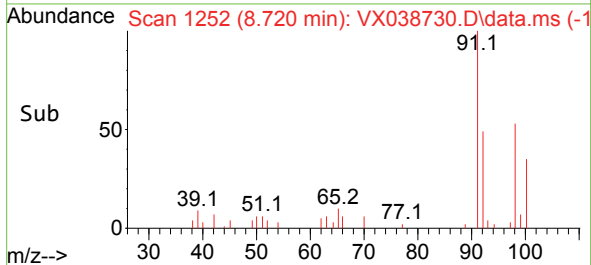
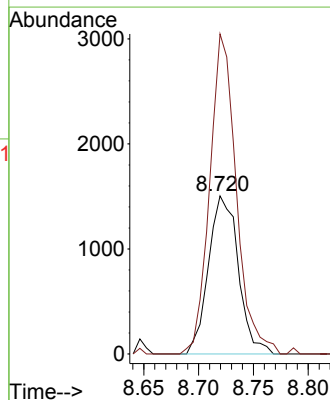
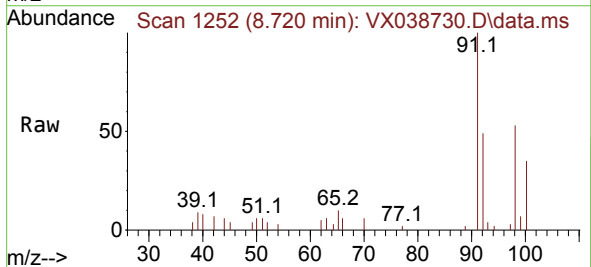
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-27-20231101

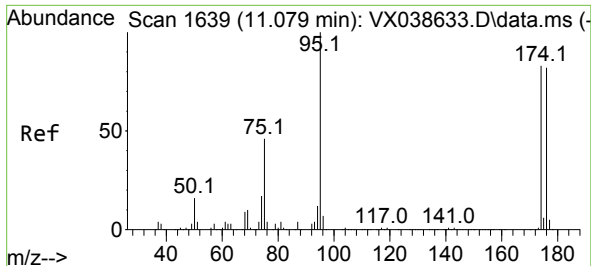
Tgt Ion: 43 Resp: 1554
Ion Ratio Lower Upper
43 100
58 205.1 30.4 45.6#



#52
Toluene
Concen: 0.414 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038730.D
Acq: 10 Nov 2023 15:48

Tgt Ion: 92 Resp: 2851
Ion Ratio Lower Upper
92 100
91 180.7 134.2 201.2

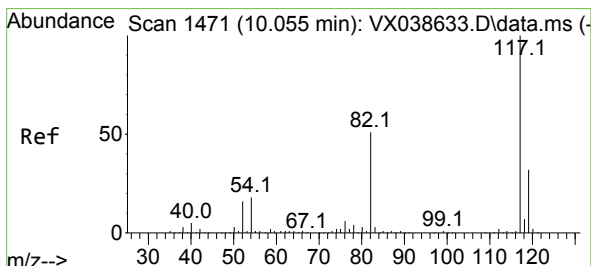
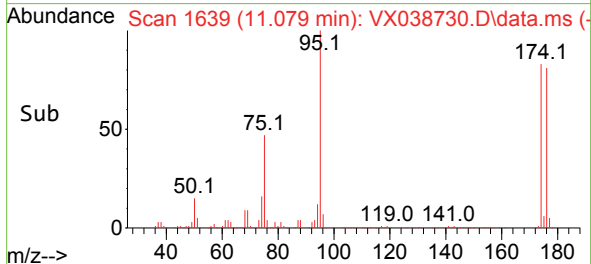
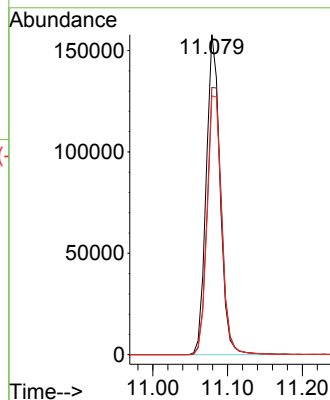
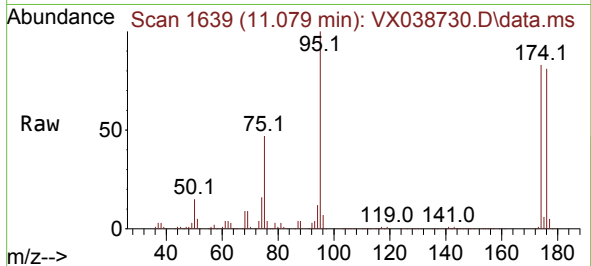




#62
4-Bromofluorobenzene
Concen: 49.862 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038730.D
Acq: 10 Nov 2023 15:48

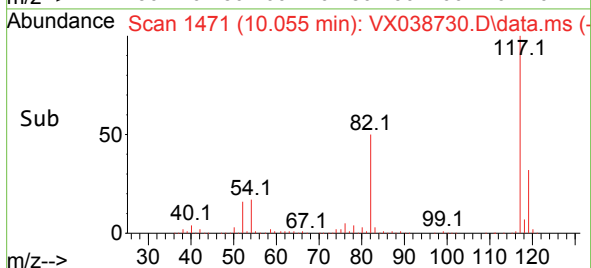
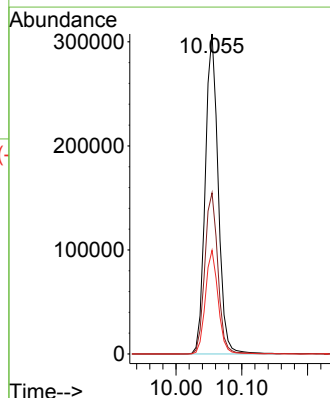
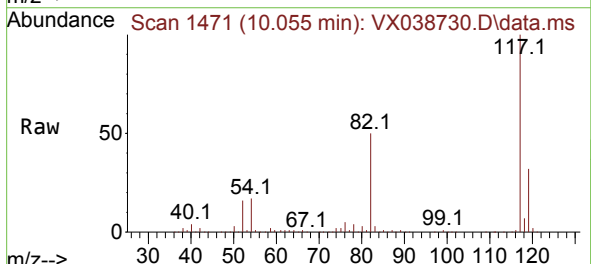
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-27-20231101

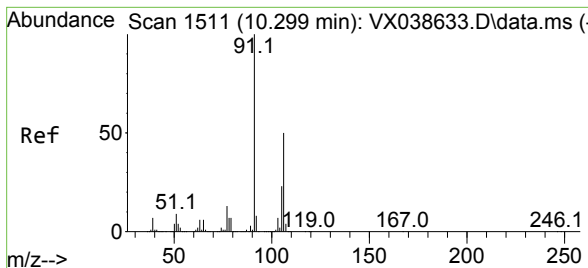
Tgt Ion: 95 Resp: 203250
Ion Ratio Lower Upper
95 100
174 88.5 0.0 135.6
176 84.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038730.D
Acq: 10 Nov 2023 15:48

Tgt Ion: 117 Resp: 420212
Ion Ratio Lower Upper
117 100
82 50.4 46.2 69.4
119 32.4 25.5 38.3

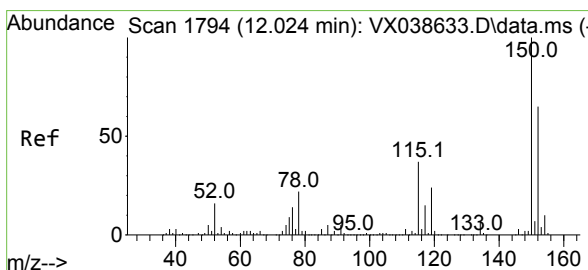
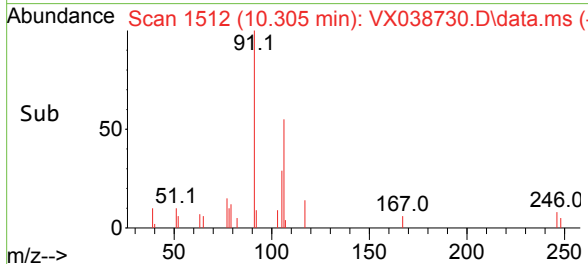
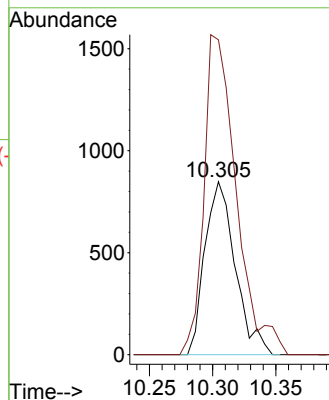
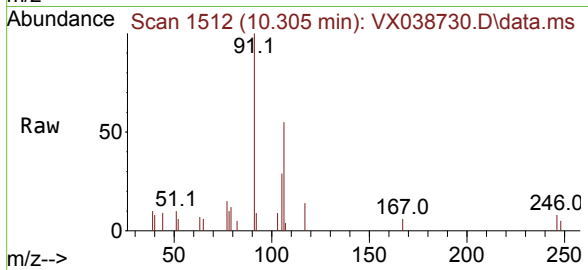




#68
m/p-Xylenes
Concen: 0.247 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038730.D
Acq: 10 Nov 2023 15:48

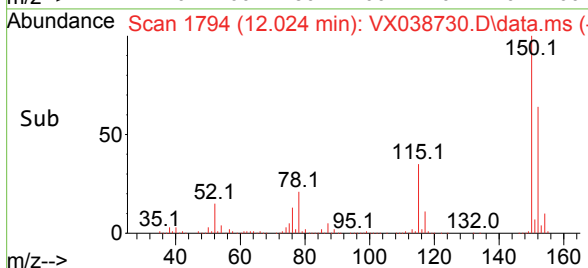
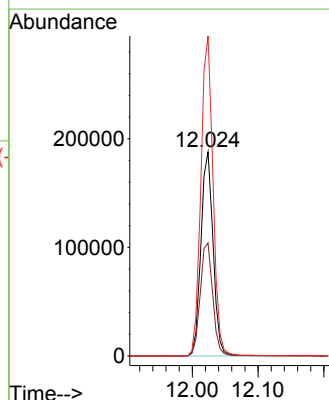
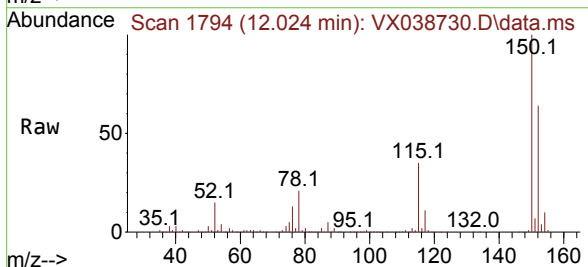
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-27-20231101

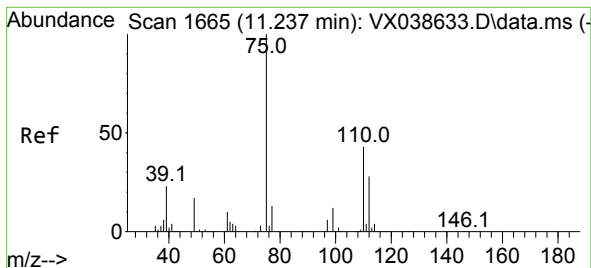
Tgt Ion:106 Resp: 1416
Ion Ratio Lower Upper
106 100
91 196.4 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX038730.D
Acq: 10 Nov 2023 15:48

Tgt Ion:152 Resp: 241807
Ion Ratio Lower Upper
152 100
115 56.7 43.3 129.9
150 156.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 20.235 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038730.D

Acq: 10 Nov 2023 15:48

Instrument :

MSVOA_X

ClientSampleId :

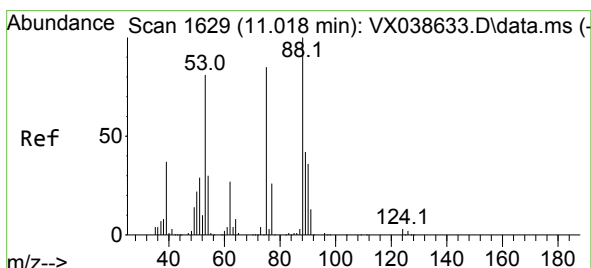
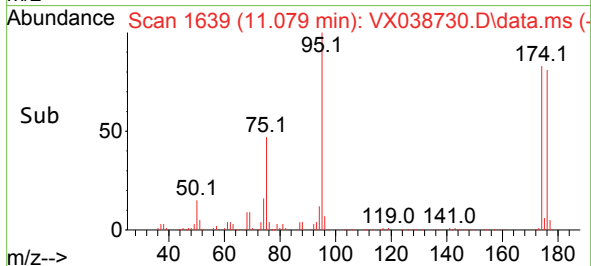
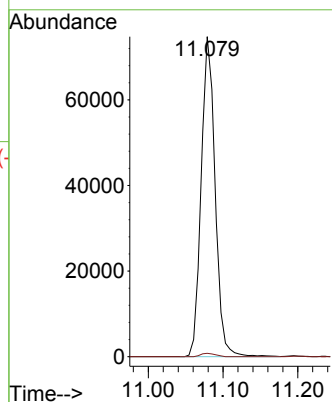
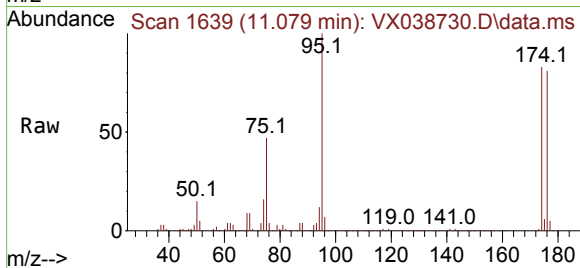
FSND-MW-27-20231101

Tgt Ion: 75 Resp: 96903

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.763 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038730.D

Acq: 10 Nov 2023 15:48

Tgt Ion: 75 Resp: 96903

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

