

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038689.D
 Acq On : 09 Nov 2023 18:33
 Operator : JC/MD
 Sample : 05241-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-31-20231102

Quant Time: Nov 10 03:43:52 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)

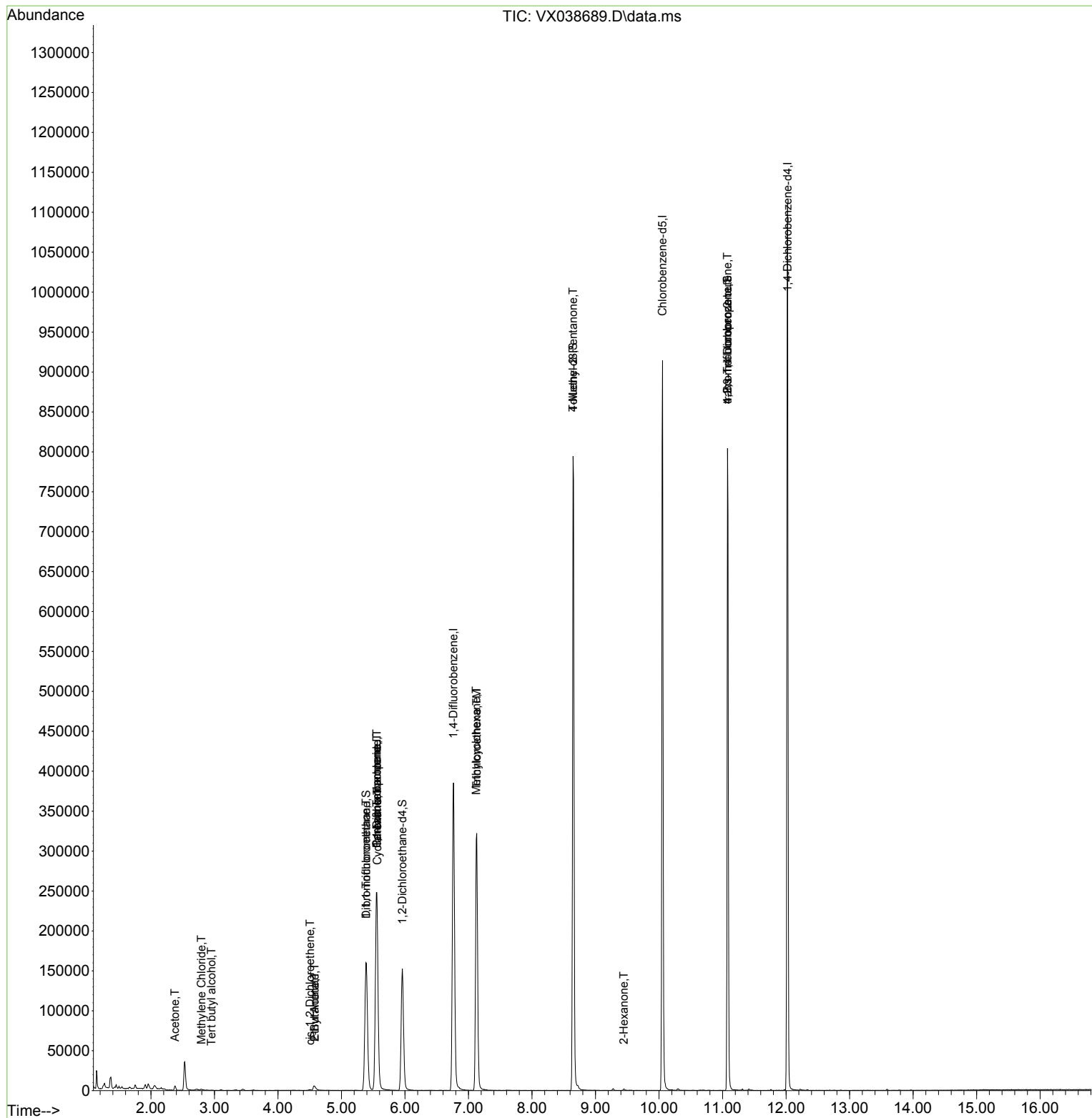
Internal Standards						
1) Pentafluorobenzene	5.556	168	258882	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	432042	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	451170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	257757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	151720	47.074	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.140%		
35) Dibromofluoromethane	5.385	113	142516	45.800	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.600%		
50) Toluene-d8	8.647	98	514387	46.196	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.400%		
62) 4-Bromofluorobenzene	11.079	95	219474	50.838	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.680%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.953	59	518	0.786	ug/l	# 78
16) Acetone	2.379	43	5878	4.330	ug/l	# 84
20) Methylene Chloride	2.794	84	720	0.263	ug/l	# 60
25) 2-Butanone	4.574	43	10673	5.428	ug/l	93
27) cis-1,2-Dichloroethene	4.507	96	844	0.278	ug/l	62
31) Cyclohexane	5.562	56	4365	1.224	ug/l	# 2
32) 1,1,1-Trichloroethane	5.385	97	1482	0.333	ug/l	# 47
36) 1,1-Dichloropropene	5.556	75	16907	4.374	ug/l	# 51
37) Ethyl Acetate	4.574	43	10673	2.704	ug/l	# 69
38) Carbon Tetrachloride	5.556	117	24402	5.647	ug/l	# 15
39) Methylcyclohexane	7.123	83	1628	0.337	ug/l	# 1
44) Trichloroethene	7.129	130	138826	40.077	ug/l	93
51) 4-Methyl-2-Pentanone	8.647	43	1780	0.450	ug/l	# 1
59) 2-Hexanone	9.445	43	1417	0.443	ug/l	100
76) 1,2,3-Trichloropropane	11.079	75	105812	20.728	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	105812	63.099	ug/l	# 5

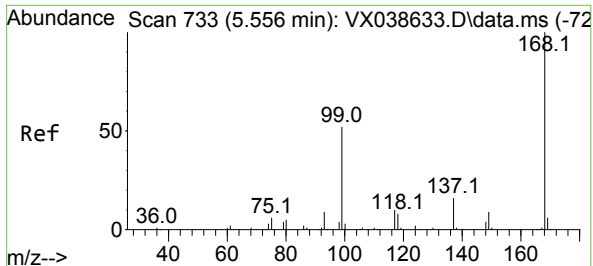
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

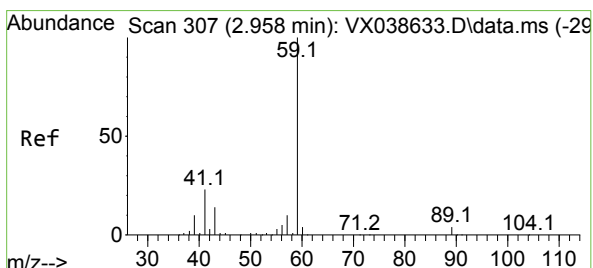
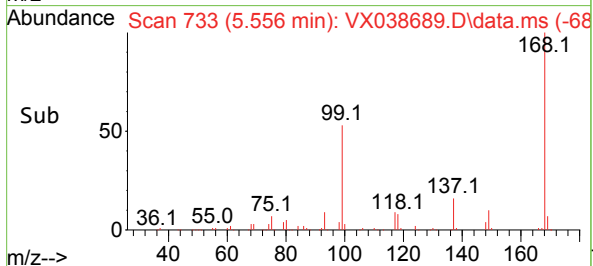
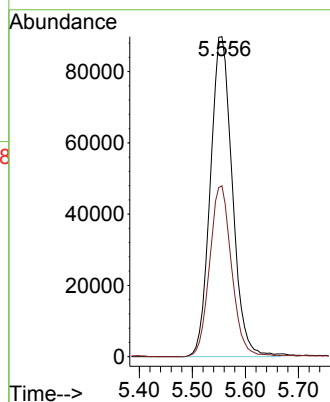
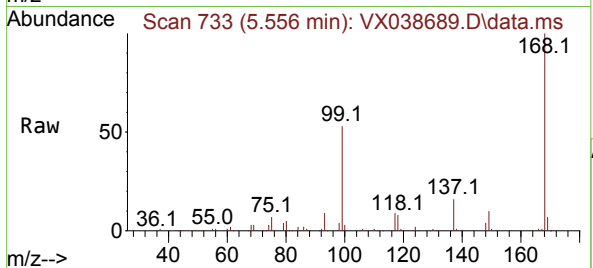




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038689.D
Acq: 09 Nov 2023 18:33

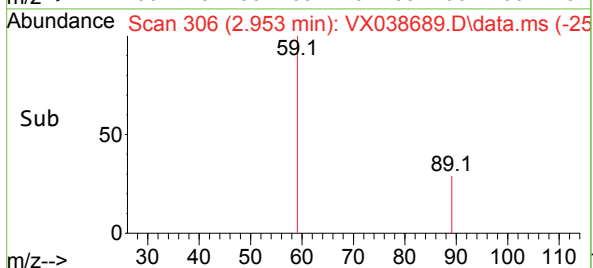
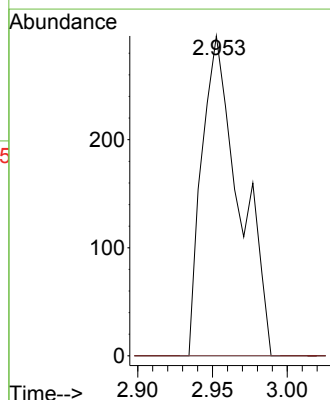
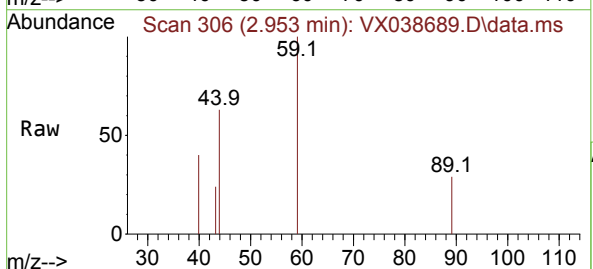
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-31-20231102

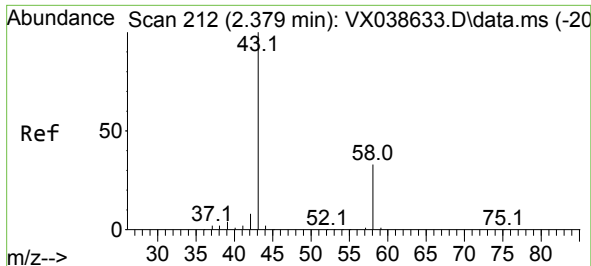
Tgt Ion:168 Resp: 258882
Ion Ratio Lower Upper
168 100
99 53.4 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.786 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038689.D
Acq: 09 Nov 2023 18:33

Tgt Ion: 59 Resp: 518
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

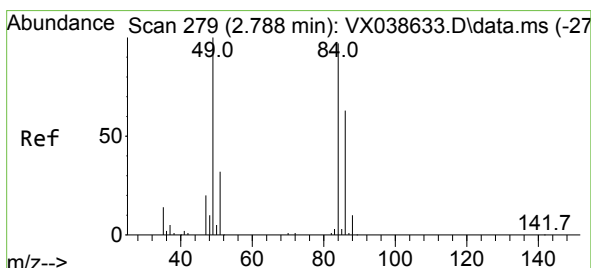
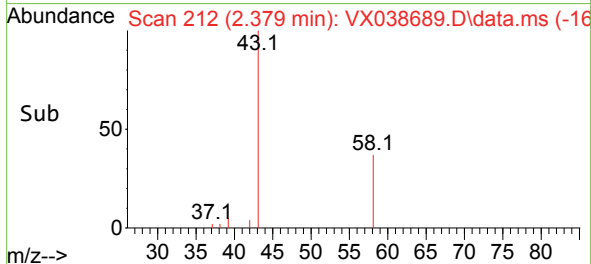
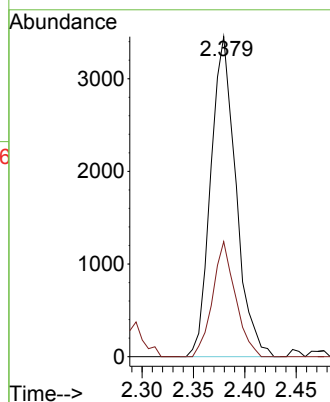
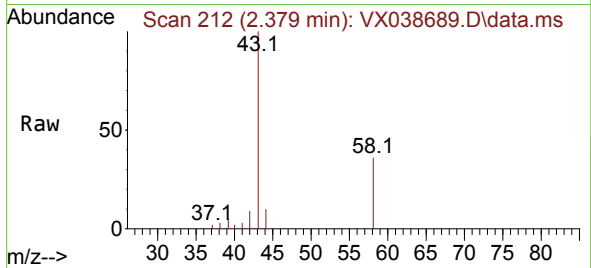




#16
Acetone
Concen: 4.330 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038689.D
Acq: 09 Nov 2023 18:33

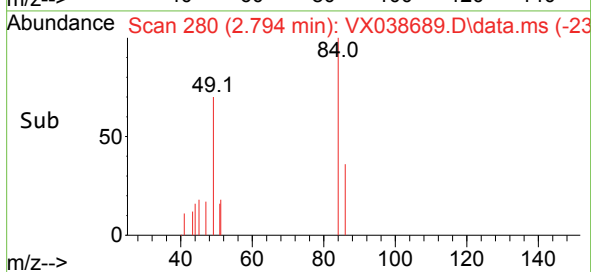
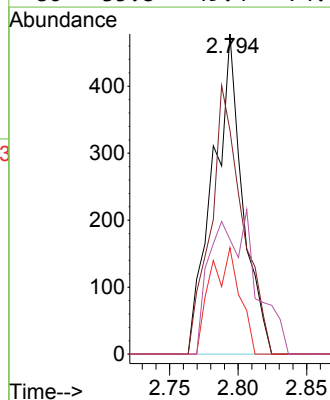
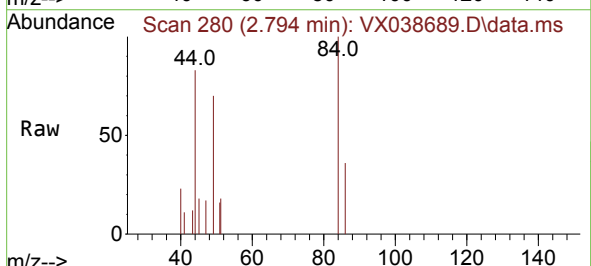
Instrument : MSVOA_X
ClientSampleId : FSND-MW-31-20231102

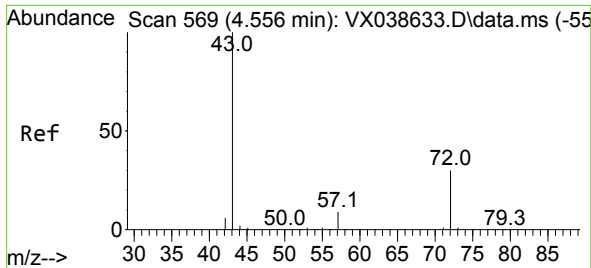
Tgt Ion: 43 Resp: 5878
Ion Ratio Lower Upper
43 100
58 35.9 21.9 32.9#



#20
Methylene Chloride
Concen: 0.263 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038689.D
Acq: 09 Nov 2023 18:33

Tgt Ion: 84 Resp: 720
Ion Ratio Lower Upper
84 100
49 69.9 103.6 155.4#
51 33.3 33.8 50.6#
86 35.8 49.4 74.0#

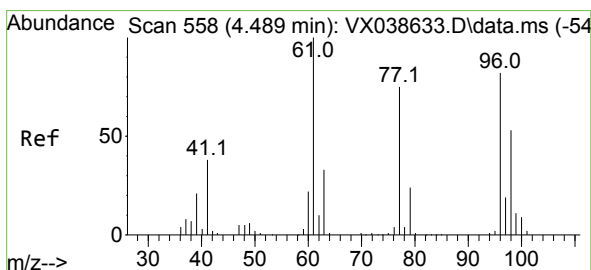
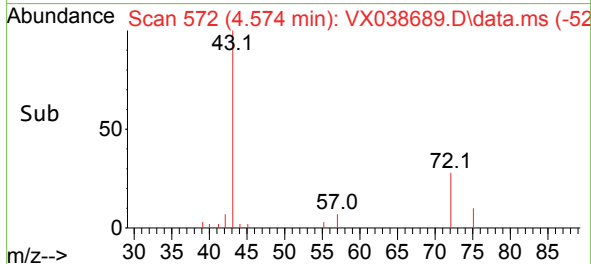
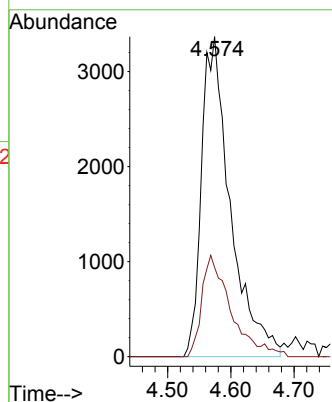
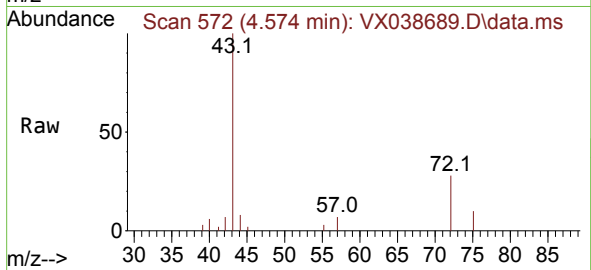




#25
2-Butanone
Concen: 5.428 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.019 min
Lab File: VX038689.D
Acq: 09 Nov 2023 18:33

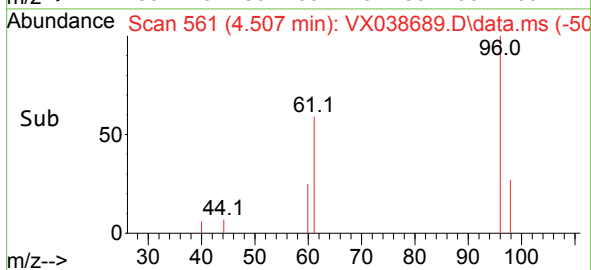
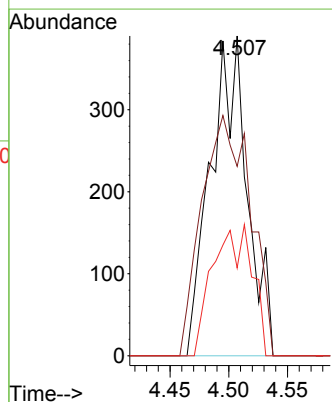
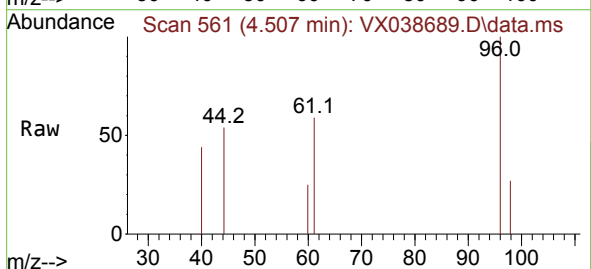
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-31-20231102

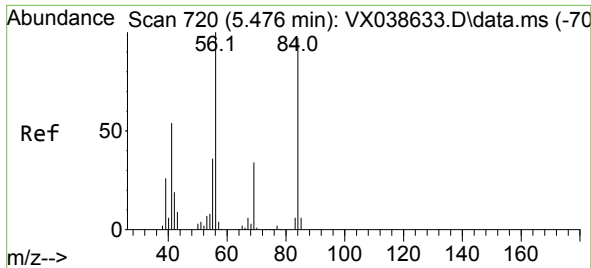
Tgt Ion: 43 Resp: 10673
Ion Ratio Lower Upper
43 100
72 27.9 19.4 29.2



#27
cis-1,2-Dichloroethene
Concen: 0.278 ug/l
RT: 4.507 min Scan# 561
Delta R.T. 0.019 min
Lab File: VX038689.D
Acq: 09 Nov 2023 18:33

Tgt Ion: 96 Resp: 844
Ion Ratio Lower Upper
96 100
61 100.0 0.0 312.2
98 44.0 0.0 129.0

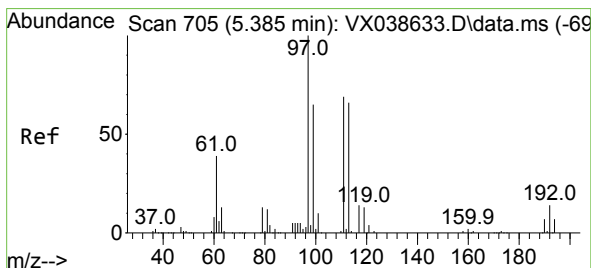
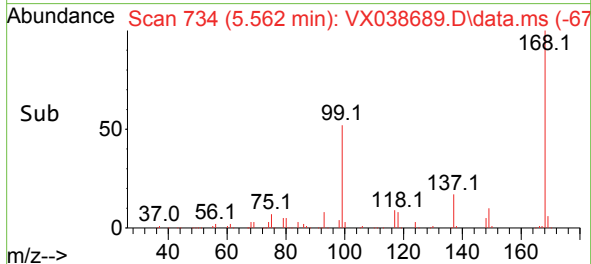
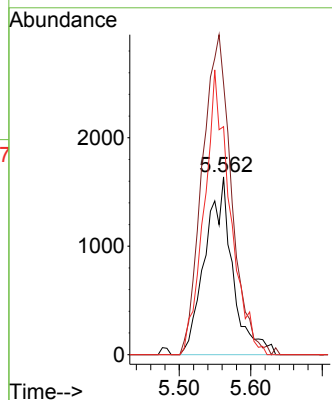
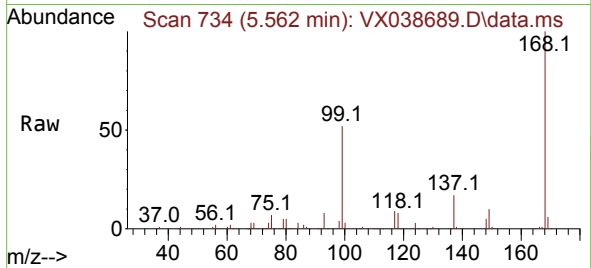




#31
Cyclohexane
Concen: 1.224 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.086 min
Lab File: VX038689.D
Acq: 09 Nov 2023 18:33

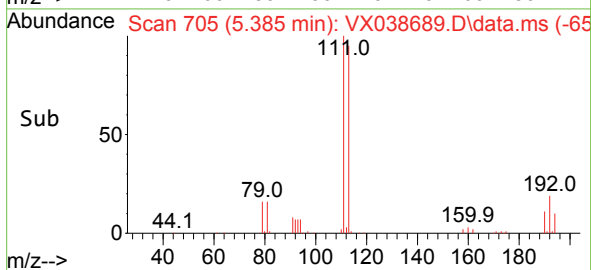
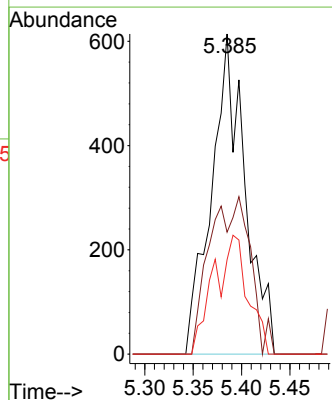
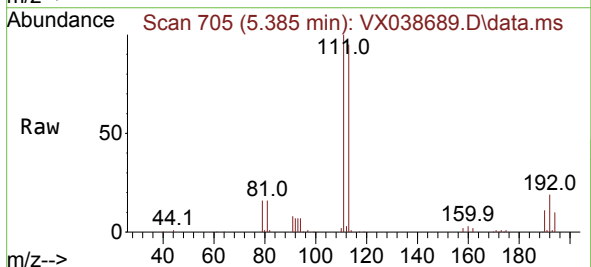
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-31-20231102

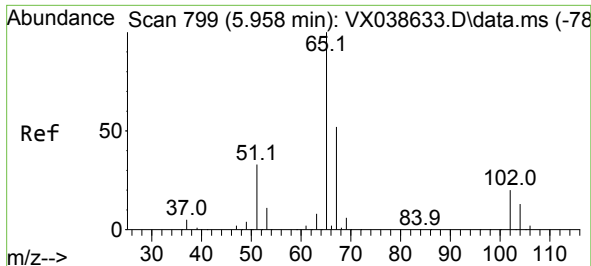
Tgt Ion: 56 Resp: 4365
Ion Ratio Lower Upper
56 100
69 152.7 23.4 35.2#
84 128.2 65.9 98.9#



#32
1,1,1-Trichloroethane
Concen: 0.333 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038689.D
Acq: 09 Nov 2023 18:33

Tgt Ion: 97 Resp: 1482
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 37.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.074 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038689.D

Acq: 09 Nov 2023 18:33

Instrument :

MSVOA_X

ClientSampleId :

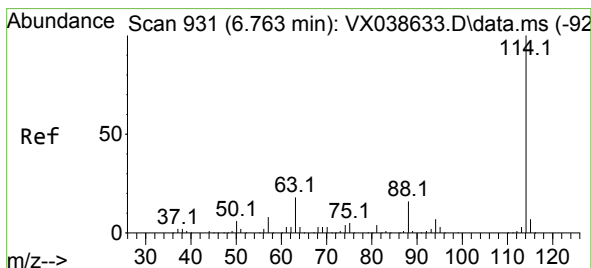
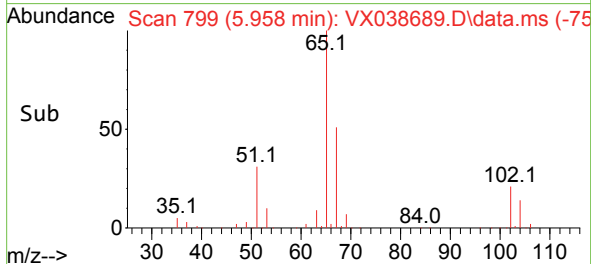
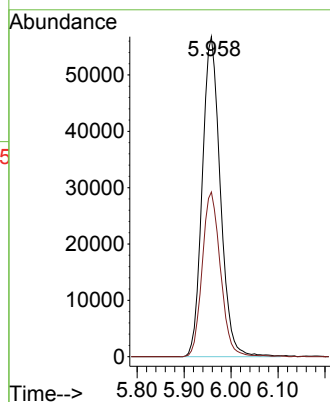
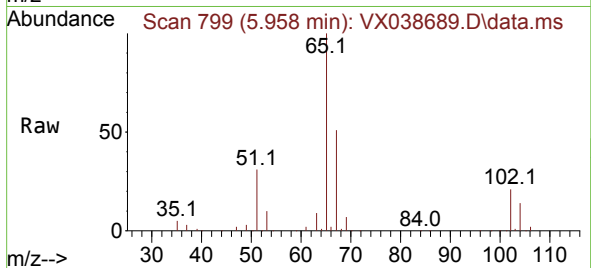
FSND-MW-31-20231102

Tgt Ion: 65 Resp: 151720

Ion Ratio Lower Upper

65 100

67 52.0 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: VX038689.D

Acq: 09 Nov 2023 18:33

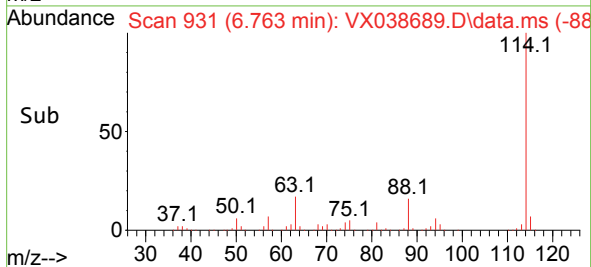
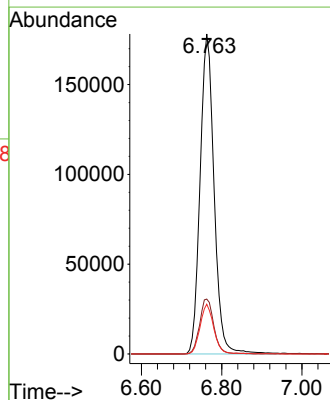
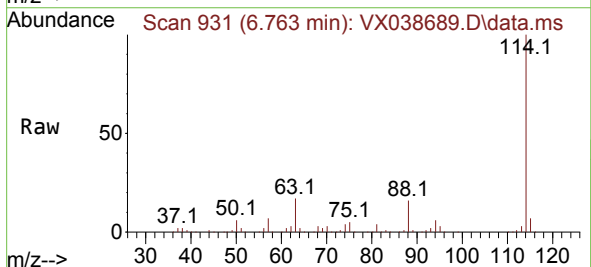
Tgt Ion:114 Resp: 432042

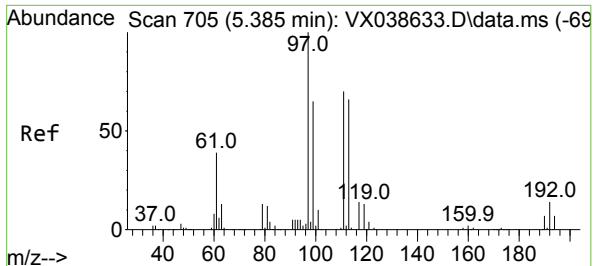
Ion Ratio Lower Upper

114 100

63 17.2 0.0 45.0

88 15.6 0.0 36.6

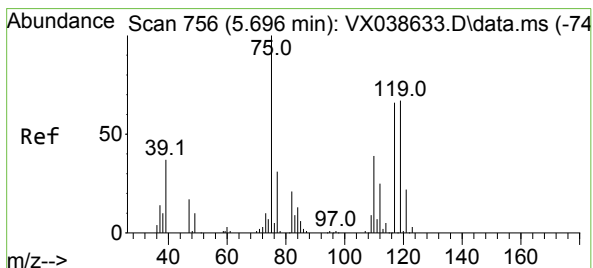
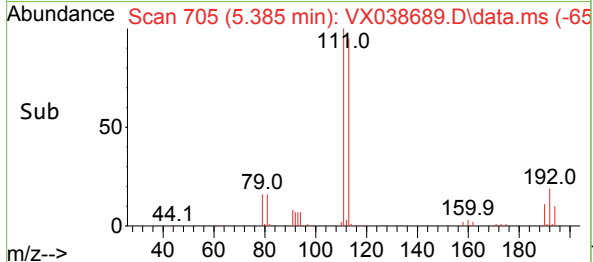
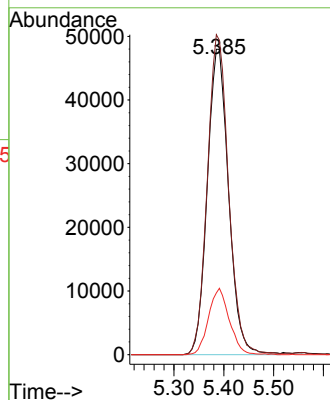
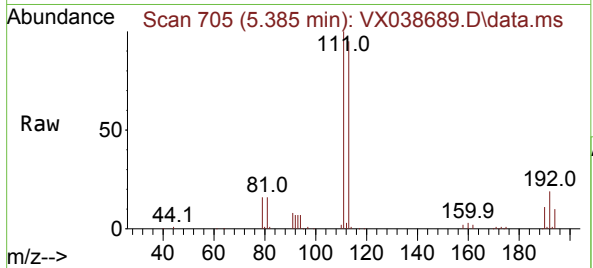




#35
Dibromofluoromethane
Concen: 45.800 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038689.D
Acq: 09 Nov 2023 18:33

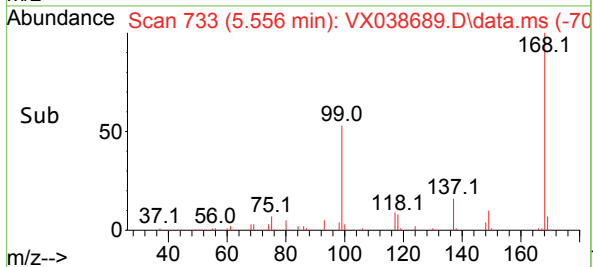
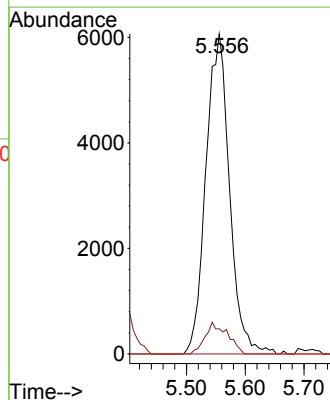
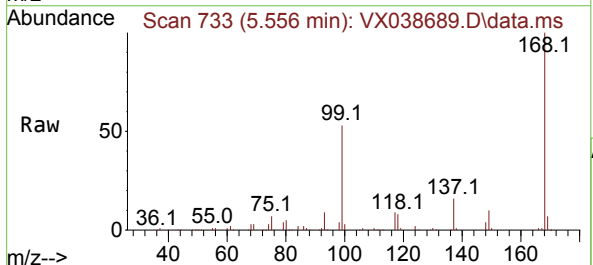
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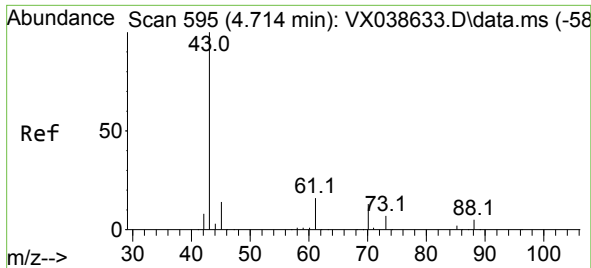
Tgt Ion:113 Resp: 142516
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 21.2 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.374 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX038689.D
Acq: 09 Nov 2023 18:33

Tgt Ion: 75 Resp: 16907
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 2.704 ug/l

RT: 4.574 min Scan# 51

Delta R.T. -0.140 min

Lab File: VX038689.D

Acq: 09 Nov 2023 18:33

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-31-20231102

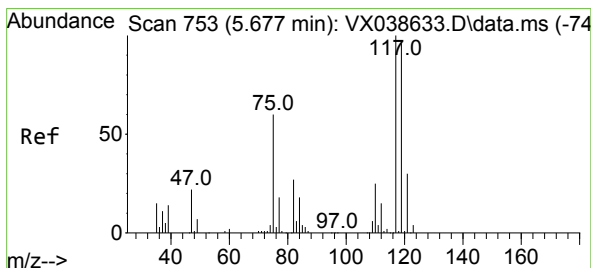
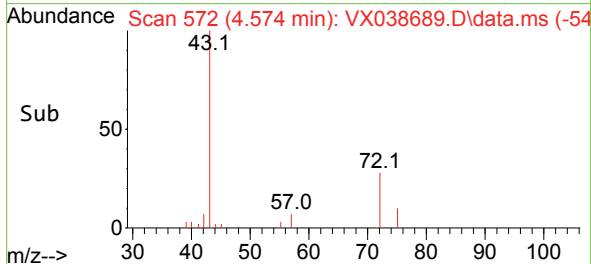
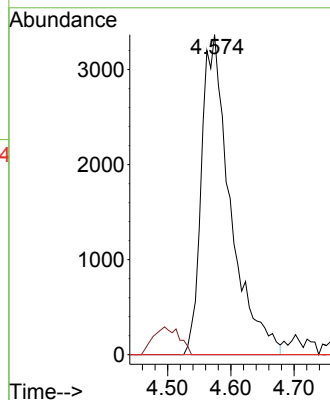
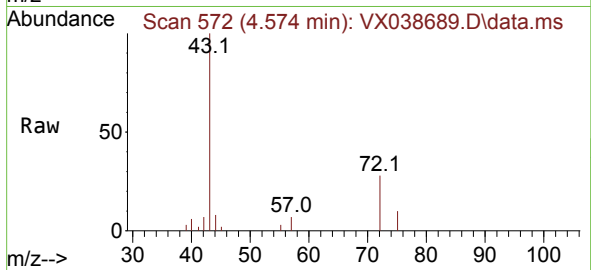
Tgt Ion: 43 Resp: 10673

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 5.647 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX038689.D

Acq: 09 Nov 2023 18:33

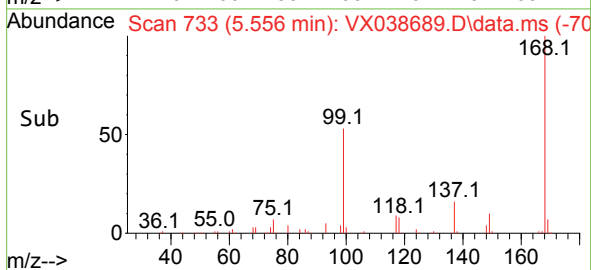
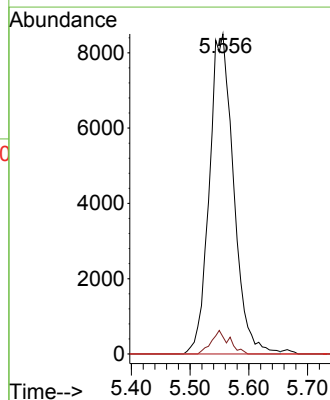
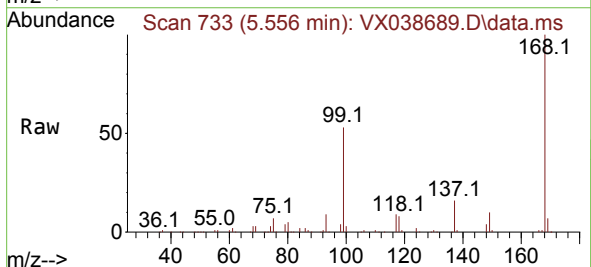
Tgt Ion: 117 Resp: 24402

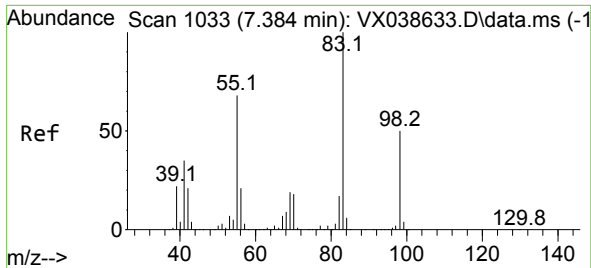
Ion Ratio Lower Upper

117 100

119 5.4 78.2 117.2#

121 0.0 24.4 36.6#

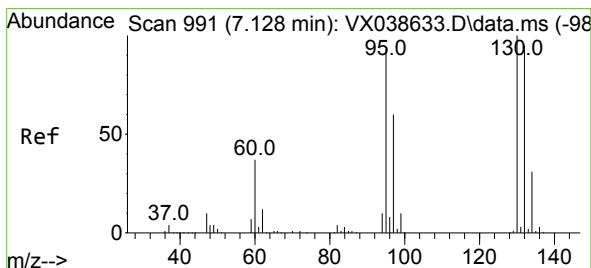
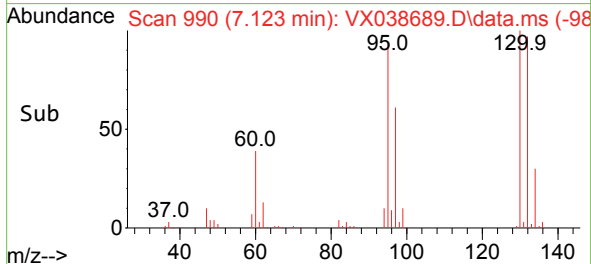
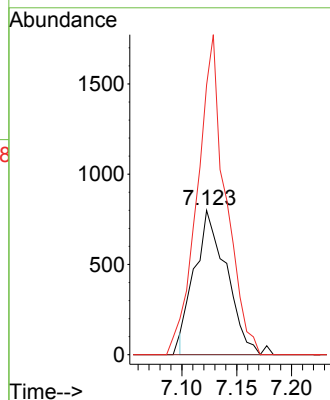
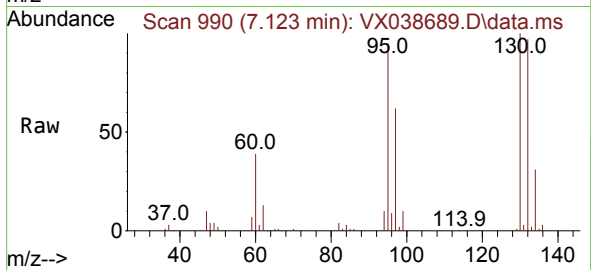




#39
Methylcyclohexane
Concen: 0.337 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.262 min
Lab File: VX038689.D
Acq: 09 Nov 2023 18:33

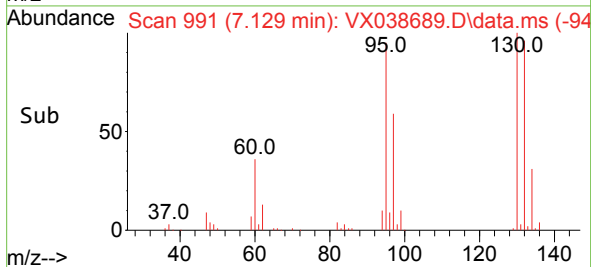
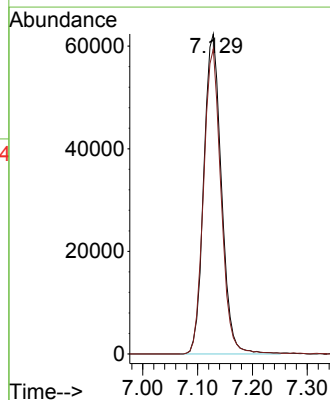
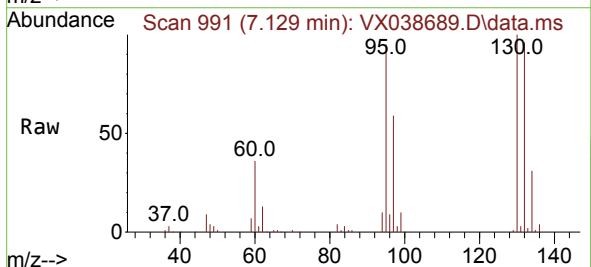
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-31-20231102

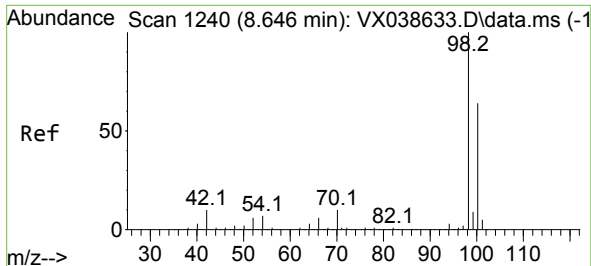
Tgt Ion: 83 Resp: 1628
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 186.9 36.7 55.1#



#44
Trichloroethene
Concen: 40.077 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038689.D
Acq: 09 Nov 2023 18:33

Tgt Ion:130 Resp: 138826
Ion Ratio Lower Upper
130 100
95 95.3 0.0 204.4

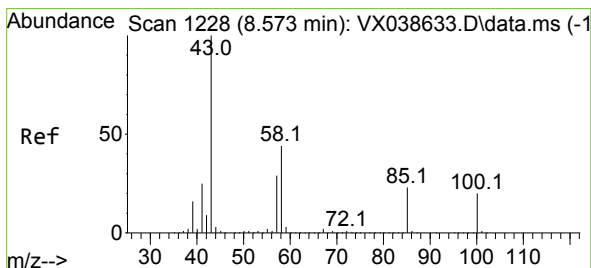
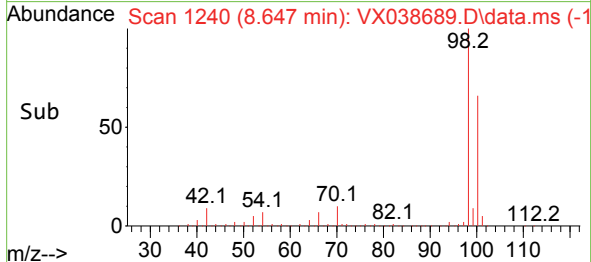
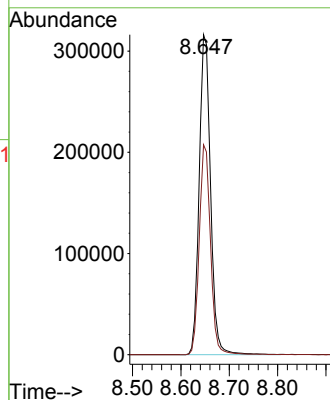
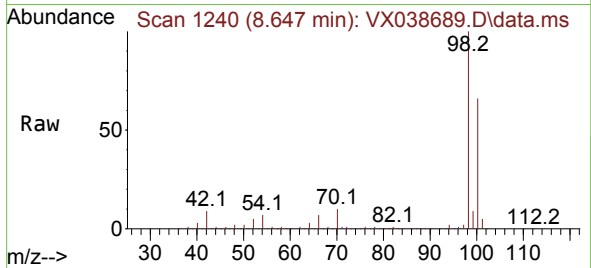




#50
Toluene-d8
Concen: 46.196 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038689.D
Acq: 09 Nov 2023 18:33

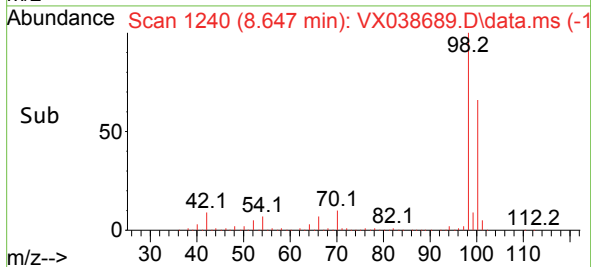
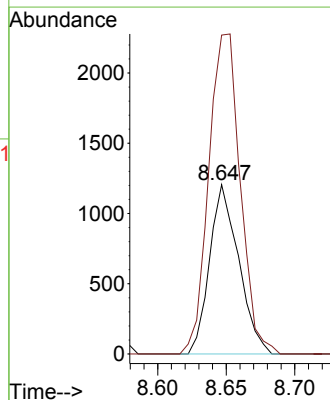
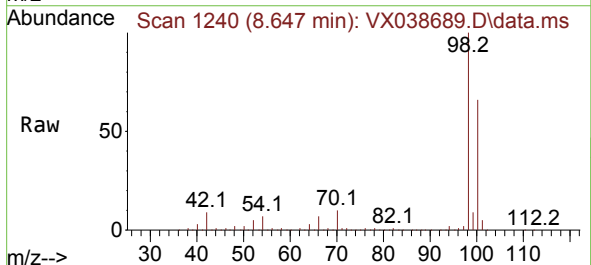
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-31-20231102

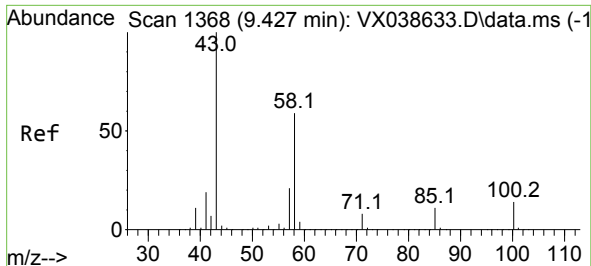
Tgt Ion: 98 Resp: 514387
Ion Ratio Lower Upper
98 100
100 65.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.450 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038689.D
Acq: 09 Nov 2023 18:33

Tgt Ion: 43 Resp: 1780
Ion Ratio Lower Upper
43 100
58 205.1 30.4 45.6#





#59

2-Hexanone

Concen: 0.443 ug/l

RT: 9.445 min Scan# 1

Delta R.T. 0.019 min

Lab File: VX038689.D

Acq: 09 Nov 2023 18:33

Instrument :

MSVOA_X

ClientSampleId :

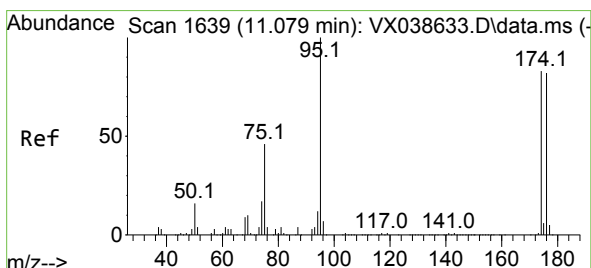
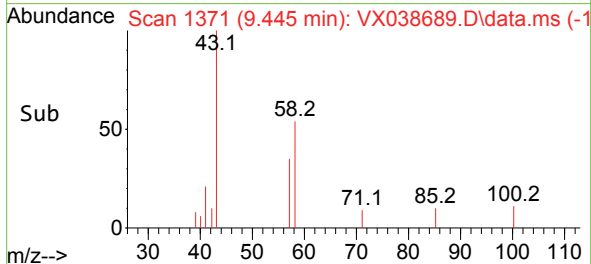
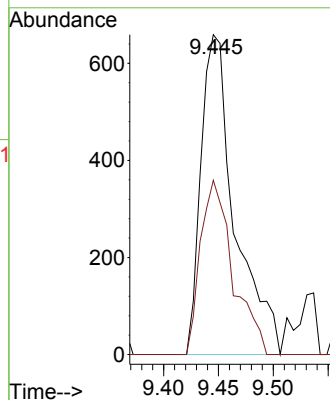
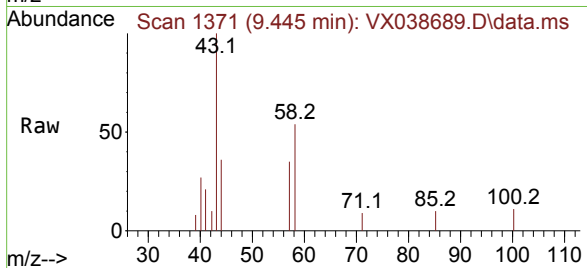
FSND-MW-31-20231102

Tgt Ion: 43 Resp: 1417

Ion Ratio Lower Upper

43 100

58 52.3 26.2 78.5



#62

4-Bromofluorobenzene

Concen: 50.838 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038689.D

Acq: 09 Nov 2023 18:33

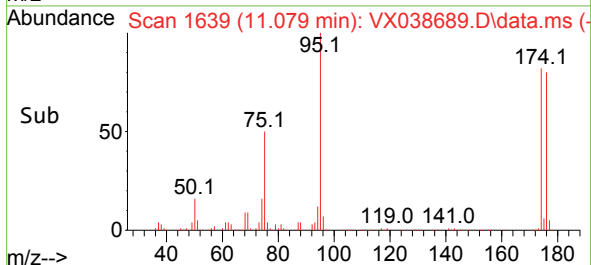
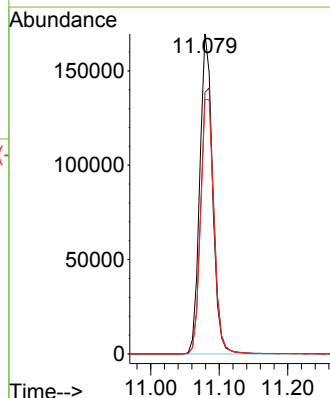
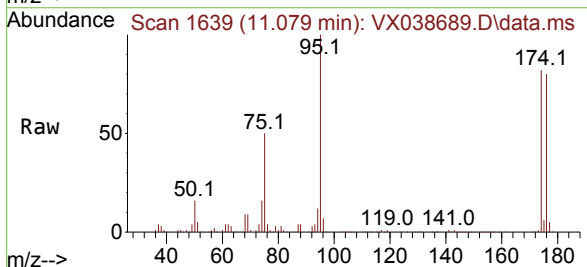
Tgt Ion: 95 Resp: 219474

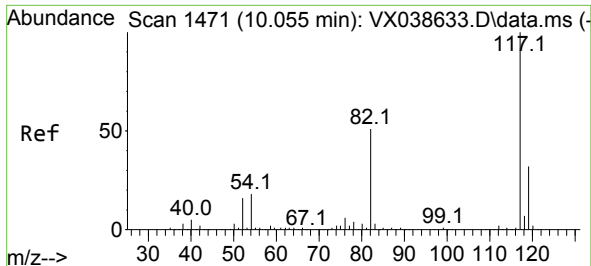
Ion Ratio Lower Upper

95 100

174 86.9 0.0 135.6

176 83.4 0.0 131.0

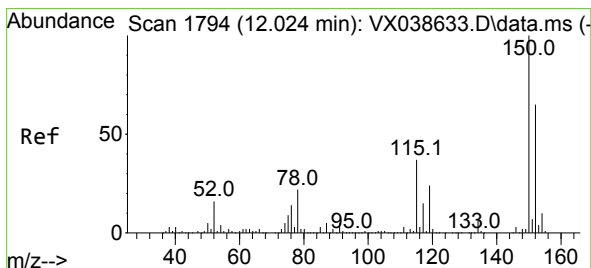
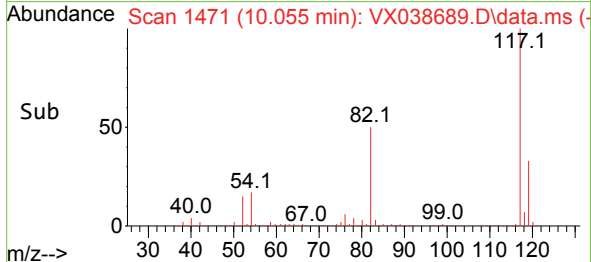
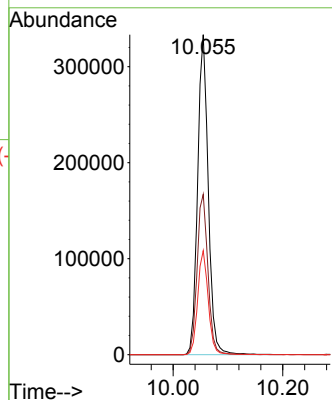
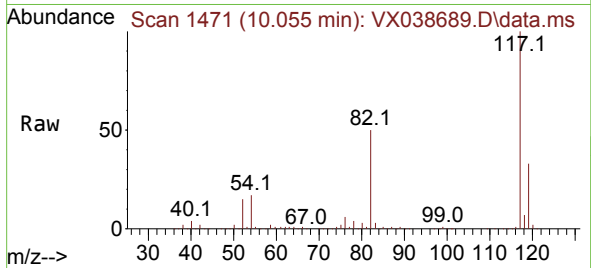




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038689.D
Acq: 09 Nov 2023 18:33

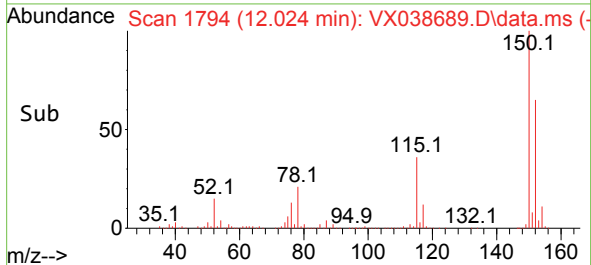
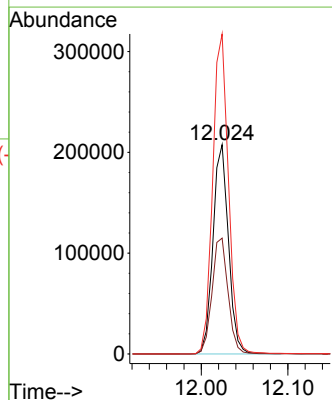
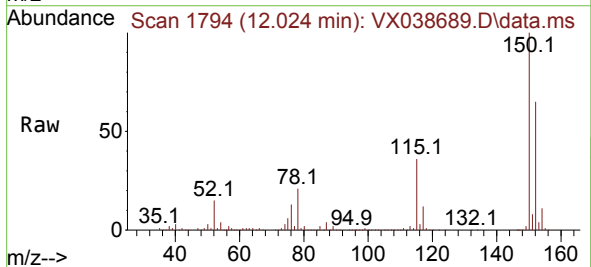
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-31-20231102

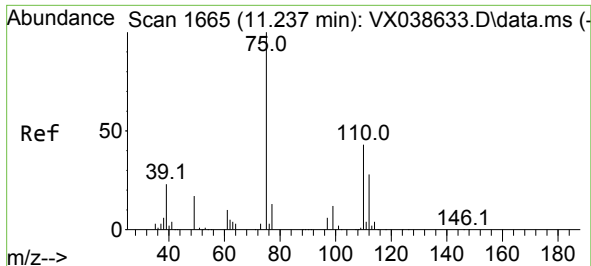
Tgt Ion:117 Resp: 451170
Ion Ratio Lower Upper
117 100
82 50.1 46.2 69.4
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038689.D
Acq: 09 Nov 2023 18:33

Tgt Ion:152 Resp: 257757
Ion Ratio Lower Upper
152 100
115 57.5 43.3 129.9
150 156.2 0.0 345.0

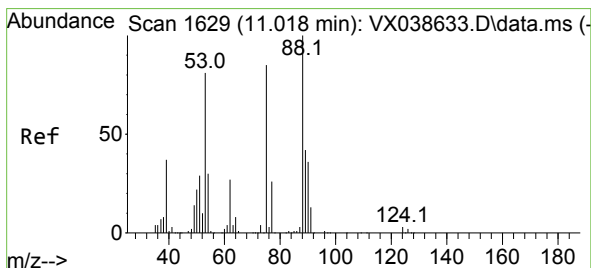
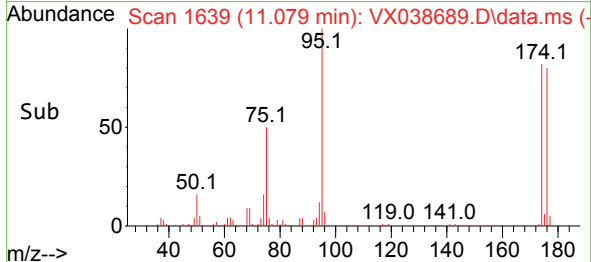
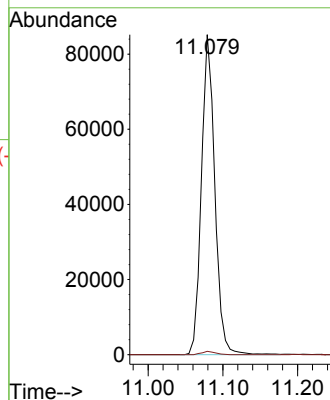
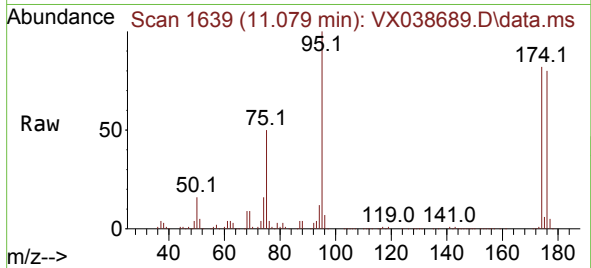




#76
1,2,3-Trichloropropane
Concen: 20.728 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038689.D
Acq: 09 Nov 2023 18:33

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-31-20231102

Tgt Ion: 75 Resp: 105812
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.099 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038689.D
Acq: 09 Nov 2023 18:33

Tgt Ion: 75 Resp: 105812
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

