

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038704.D
 Acq On : 10 Nov 2023 05:03
 Operator : JC/MD
 Sample : 05241-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-26-20231102

Quant Time: Nov 10 06:21:09 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)

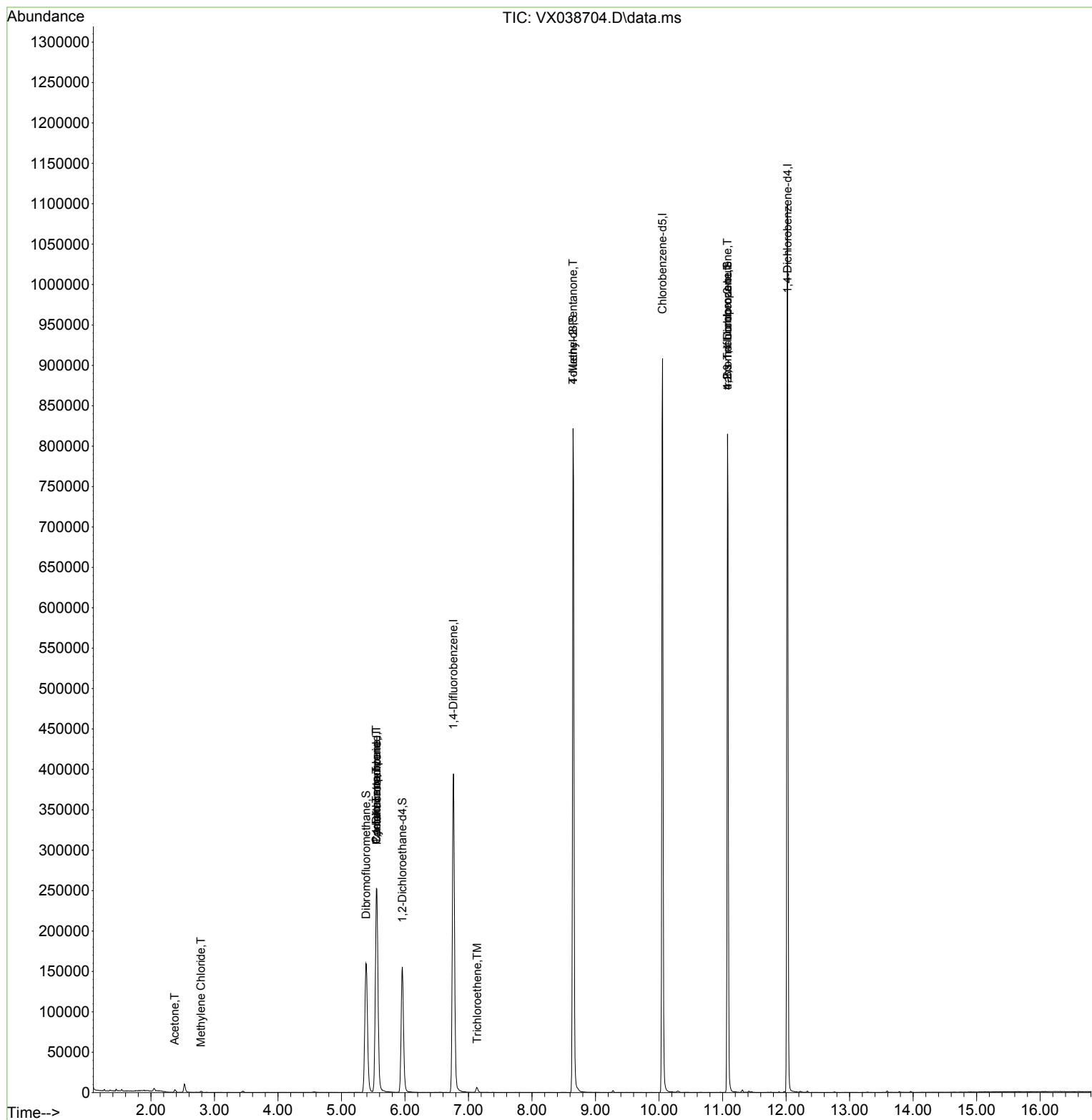
Internal Standards						
1) Pentafluorobenzene	5.556	168	266339	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	440569	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	459104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	263587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153676	46.346	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.700%		
35) Dibromofluoromethane	5.385	113	143688	45.283	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.560%		
50) Toluene-d8	8.647	98	525416	46.273	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.540%		
62) 4-Bromofluorobenzene	11.079	95	224013	50.885	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.780%		
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	3576	2.561	ug/l #	84
20) Methylene Chloride	2.788	84	851	0.302	ug/l #	79
31) Cyclohexane	5.550	56	4258	1.160	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	16752	4.250	ug/l #	51
38) Carbon Tetrachloride	5.550	117	25400	5.764	ug/l #	15
44) Trichloroethene	7.135	130	2718	0.769	ug/l	85
51) 4-Methyl-2-Pentanone	8.647	43	1781	0.442	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	107281	20.551	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	107281	62.620	ug/l #	5

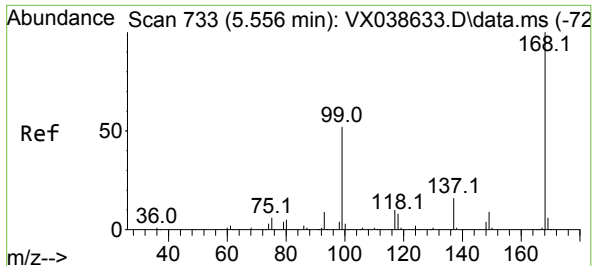
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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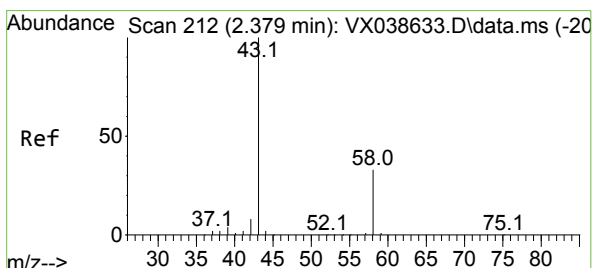
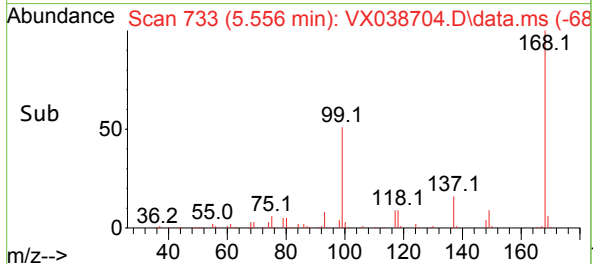
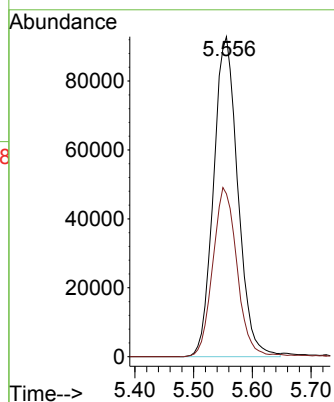
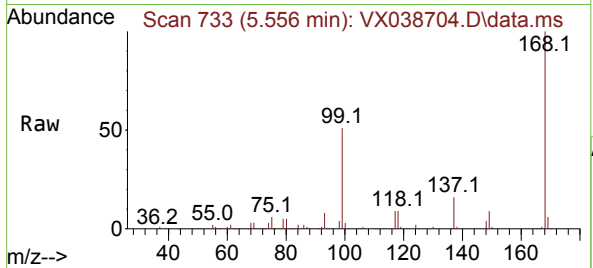




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038704.D
Acq: 10 Nov 2023 05:03

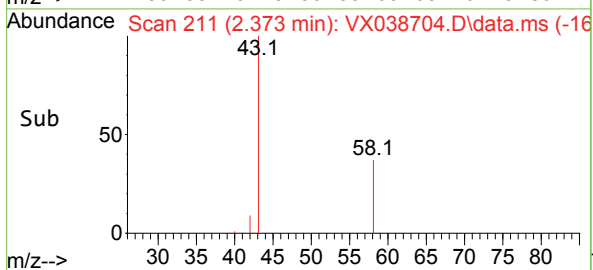
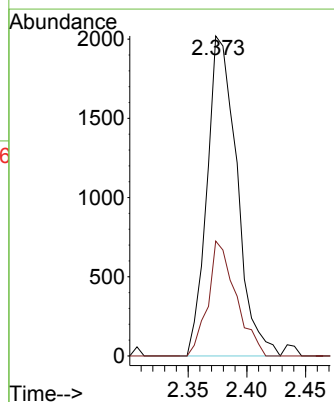
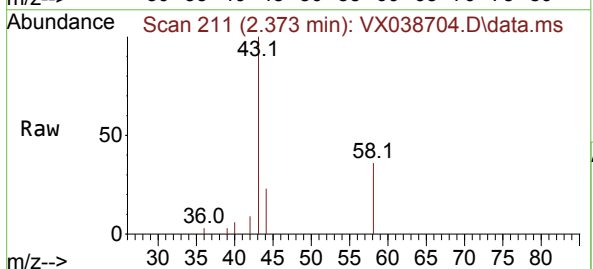
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-26-20231102

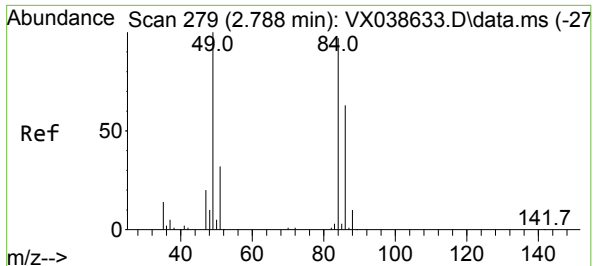
Tgt Ion:168 Resp: 266339
Ion Ratio Lower Upper
168 100
99 50.9 56.6 85.0#



#16
Acetone
Concen: 2.561 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038704.D
Acq: 10 Nov 2023 05:03

Tgt Ion: 43 Resp: 3576
Ion Ratio Lower Upper
43 100
58 35.9 21.9 32.9#

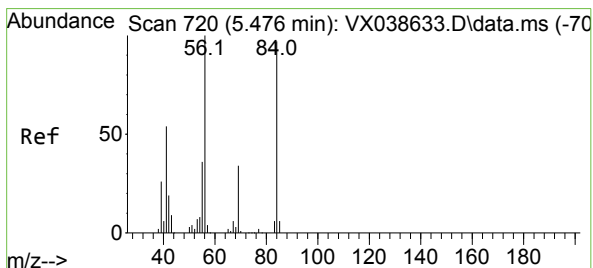
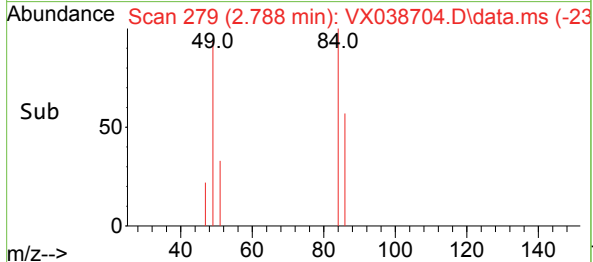
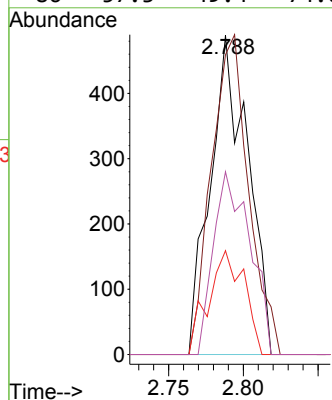
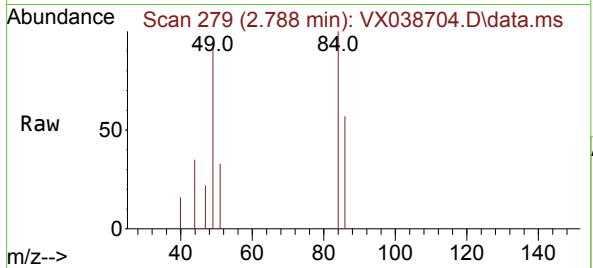




#20
Methylene Chloride
Concen: 0.302 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038704.D
Acq: 10 Nov 2023 05:03

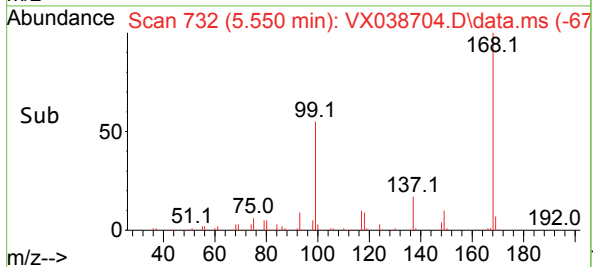
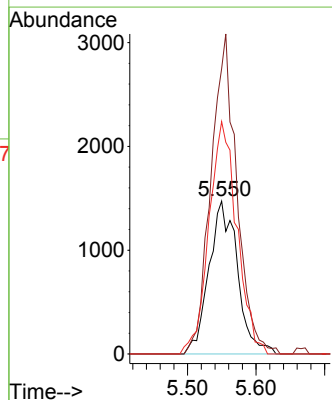
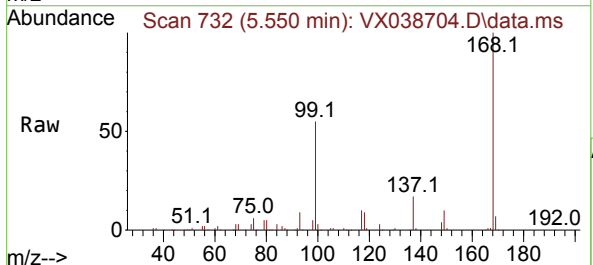
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-26-20231102

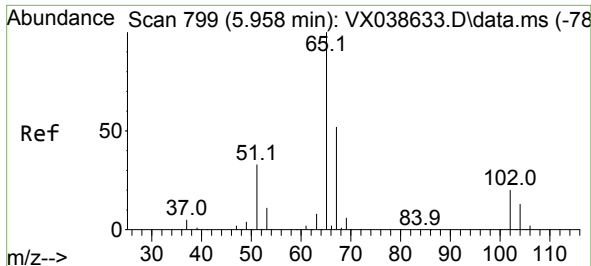
Tgt Ion:	84	Resp:	851
Ion	Ratio	Lower	Upper
84	100		
49	93.9	103.6	155.4#
51	32.5	33.8	50.6#
86	57.3	49.4	74.0



#31
Cyclohexane
Concen: 1.160 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.074 min
Lab File: VX038704.D
Acq: 10 Nov 2023 05:03

Tgt Ion:	56	Resp:	4258
Ion	Ratio	Lower	Upper
56	100		
69	186.8	23.4	35.2#
84	152.0	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.346 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038704.D

Acq: 10 Nov 2023 05:03

Instrument :

MSVOA_X

ClientSampleId :

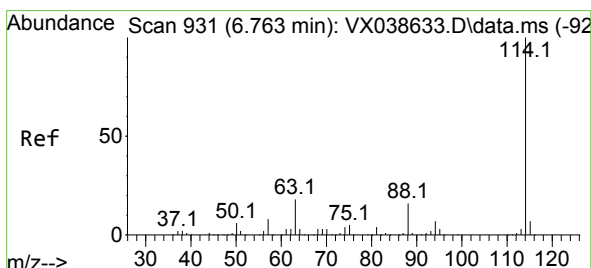
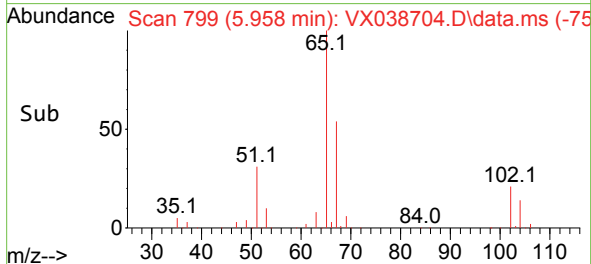
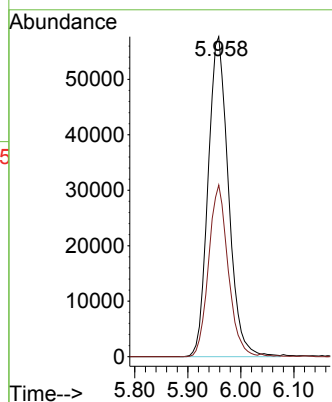
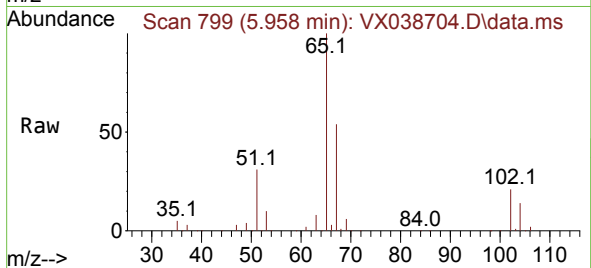
FSND-MW-26-20231102

Tgt Ion: 65 Resp: 153676

Ion Ratio Lower Upper

65 100

67 51.4 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: VX038704.D

Acq: 10 Nov 2023 05:03

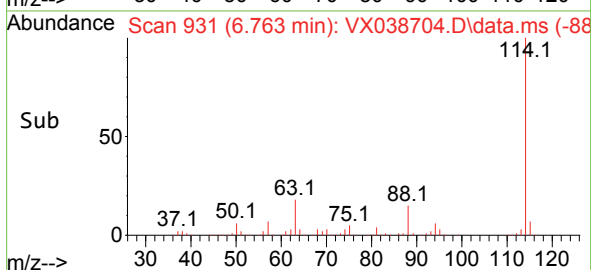
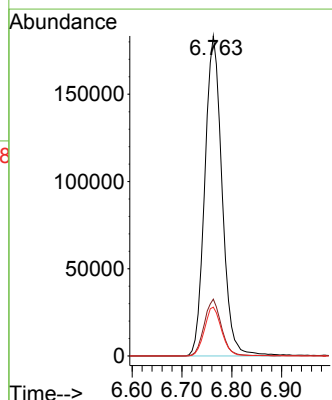
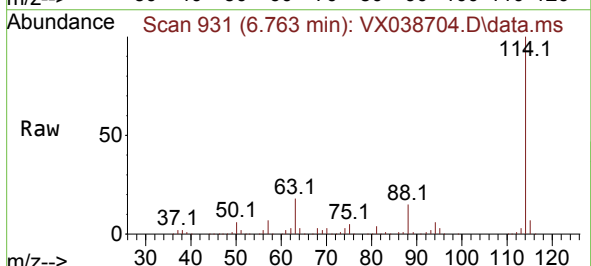
Tgt Ion: 114 Resp: 440569

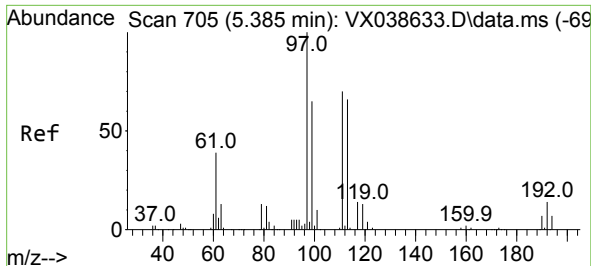
Ion Ratio Lower Upper

114 100

63 17.8 0.0 45.0

88 15.2 0.0 36.6

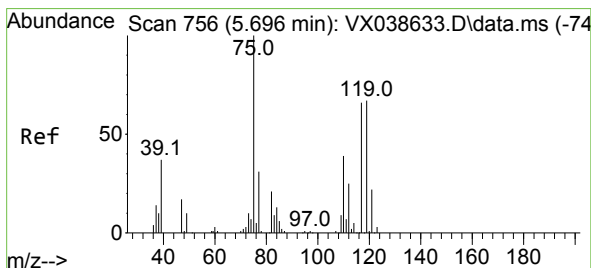
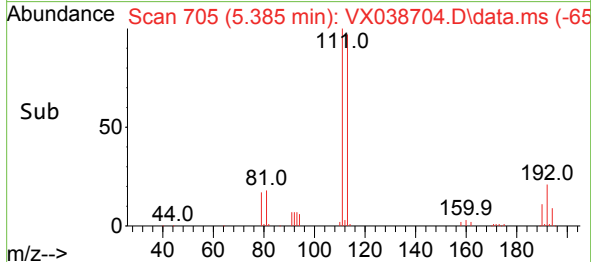
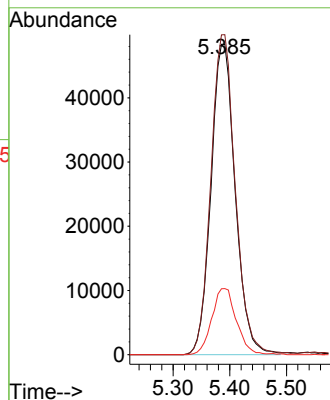
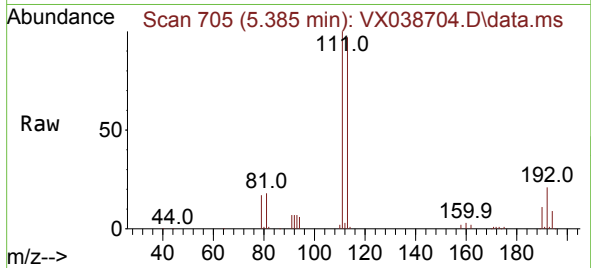




#35
Dibromofluoromethane
Concen: 45.283 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038704.D
Acq: 10 Nov 2023 05:03

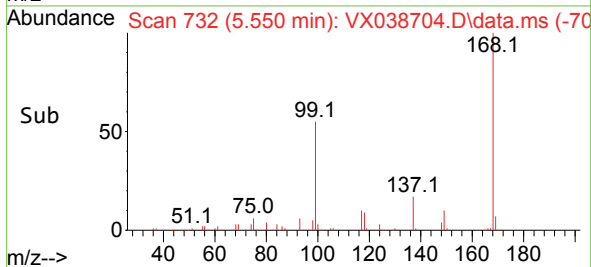
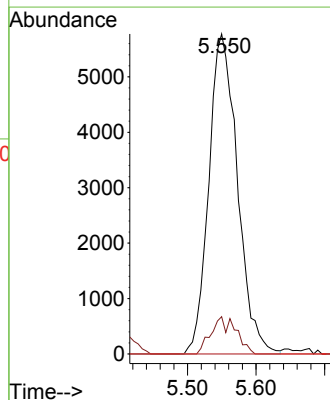
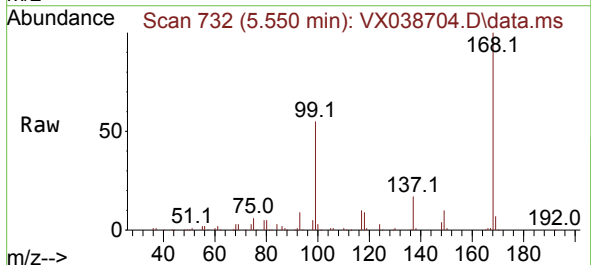
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-26-20231102

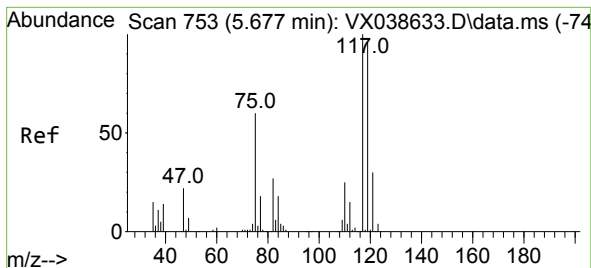
Tgt Ion:113 Resp: 143688
Ion Ratio Lower Upper
113 100
111 104.0 82.9 124.3
192 21.6 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.250 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX038704.D
Acq: 10 Nov 2023 05:03

Tgt Ion: 75 Resp: 16752
Ion Ratio Lower Upper
75 100
110 10.2 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.764 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX038704.D

Acq: 10 Nov 2023 05:03

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-26-20231102

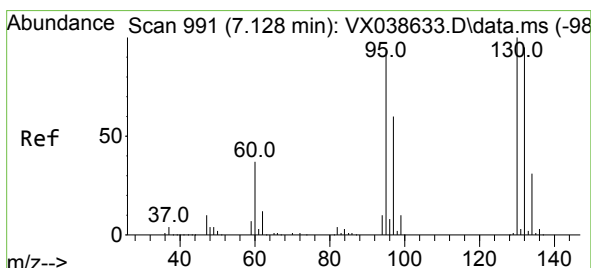
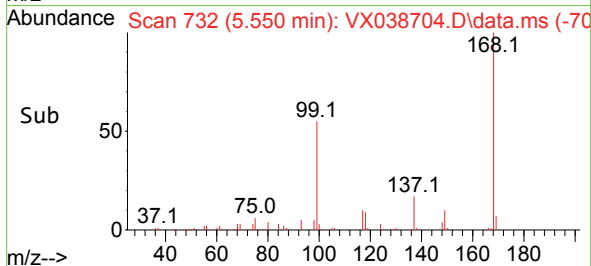
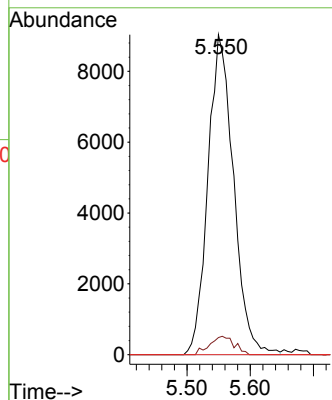
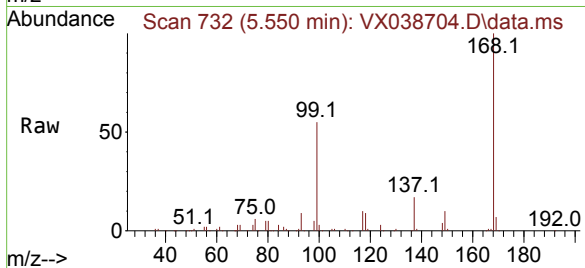
Tgt Ion:117 Resp: 25400

Ion Ratio Lower Upper

117 100

119 5.3 78.2 117.2#

121 0.0 24.4 36.6#



#44

Trichloroethene

Concen: 0.769 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX038704.D

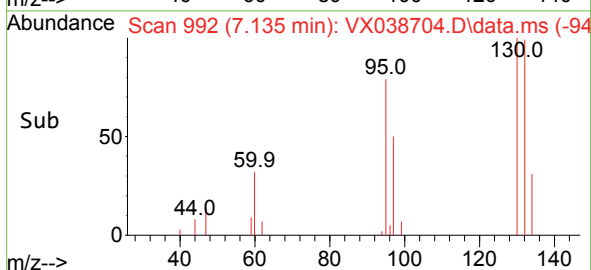
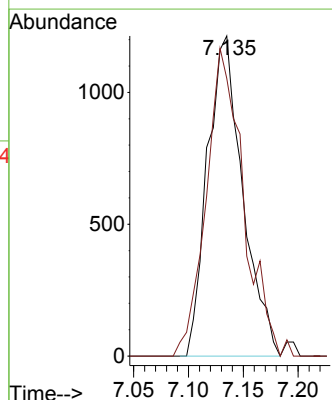
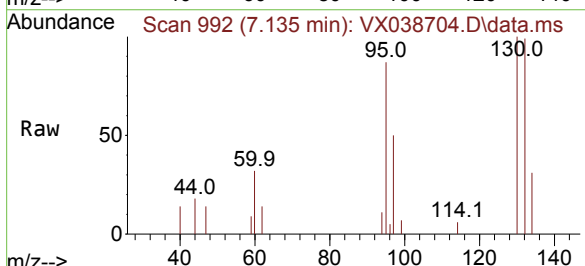
Acq: 10 Nov 2023 05:03

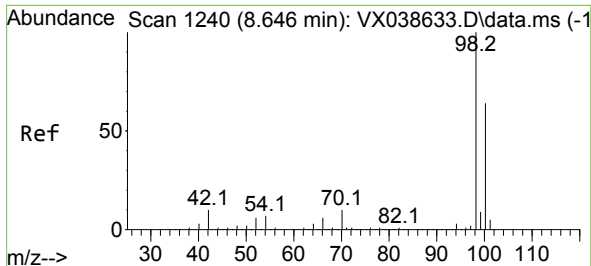
Tgt Ion:130 Resp: 2718

Ion Ratio Lower Upper

130 100

95 86.7 0.0 204.4

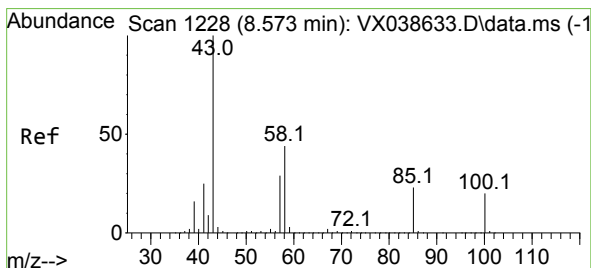
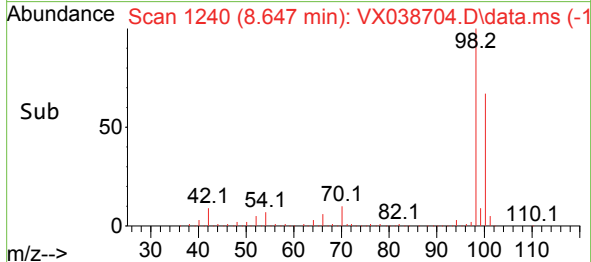
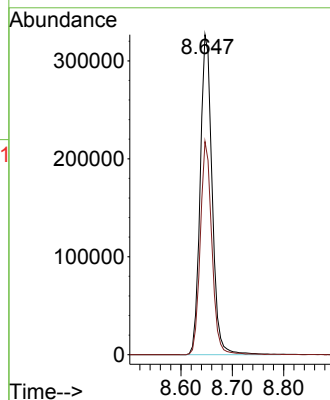
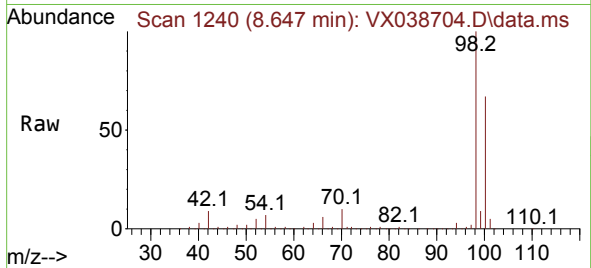




#50
Toluene-d8
Concen: 46.273 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038704.D
Acq: 10 Nov 2023 05:03

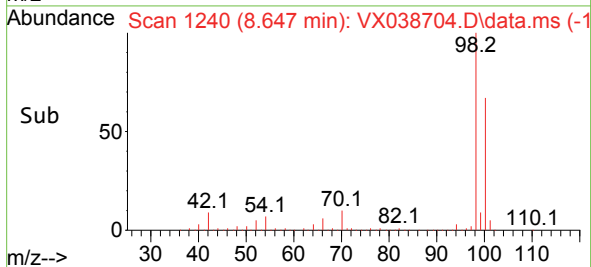
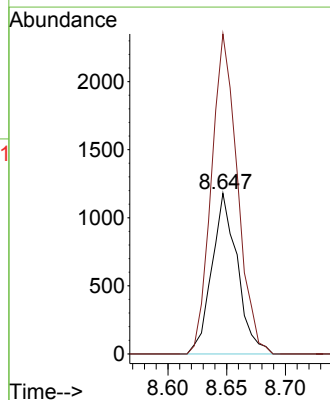
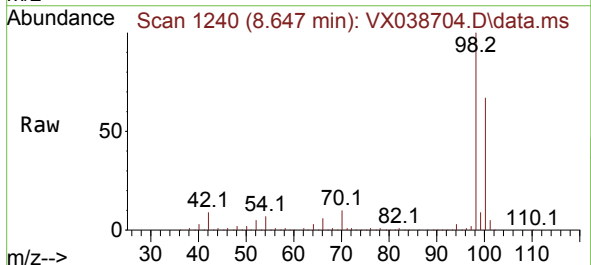
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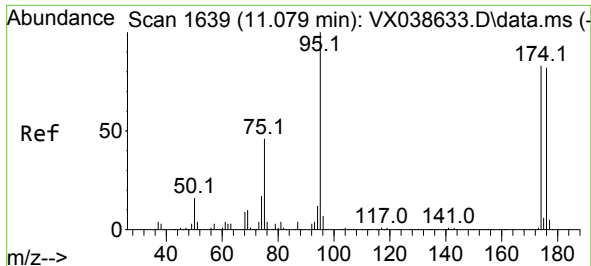
Tgt Ion: 98 Resp: 525416
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.442 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038704.D
Acq: 10 Nov 2023 05:03

Tgt Ion: 43 Resp: 1781
Ion Ratio Lower Upper
43 100
58 203.4 30.4 45.6#

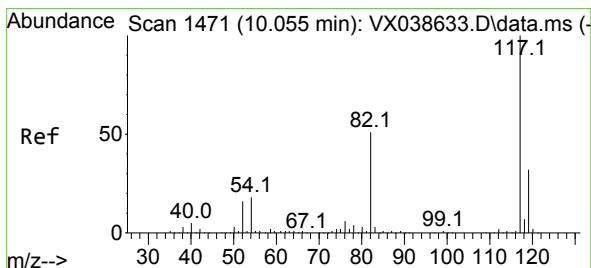
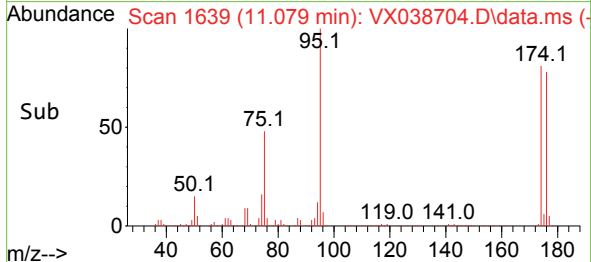
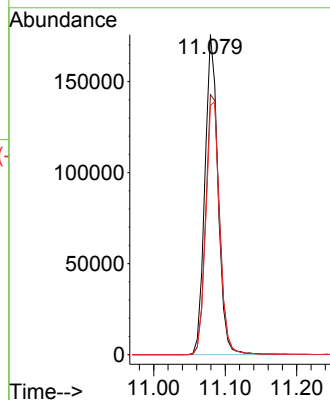
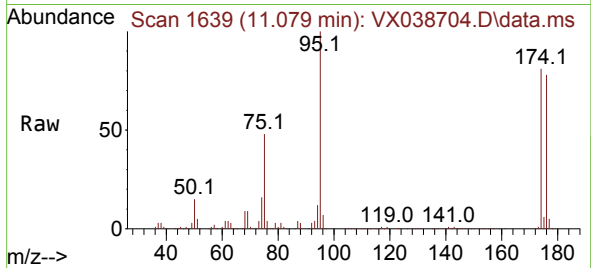




#62
4-Bromofluorobenzene
Concen: 50.885 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038704.D
Acq: 10 Nov 2023 05:03

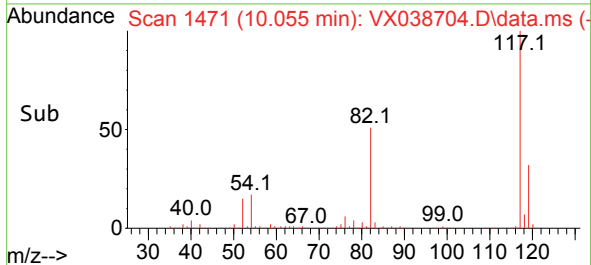
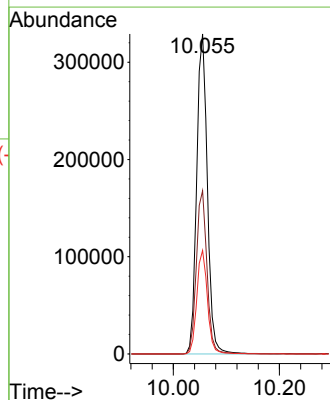
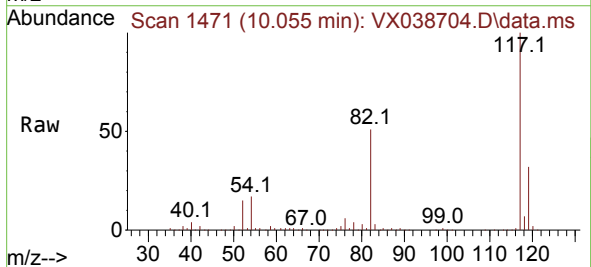
Instrument :
MSVOA_X
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FSND-MW-26-20231102

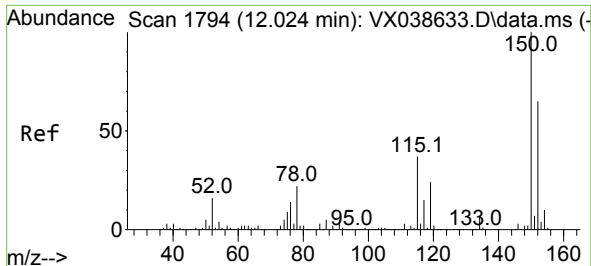
Tgt Ion: 95 Resp: 224013
Ion Ratio Lower Upper
95 100
174 86.5 0.0 135.6
176 83.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038704.D
Acq: 10 Nov 2023 05:03

Tgt Ion: 117 Resp: 459104
Ion Ratio Lower Upper
117 100
82 51.0 46.2 69.4
119 32.4 25.5 38.3

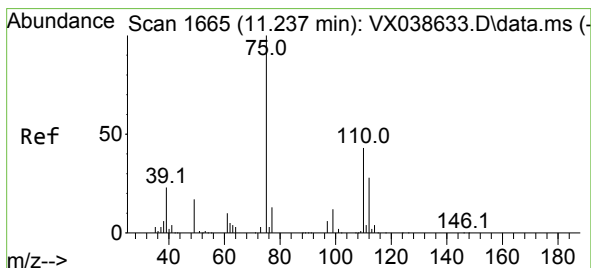
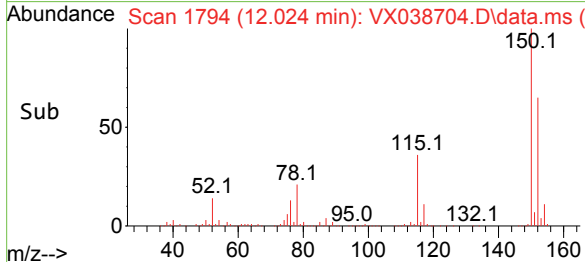
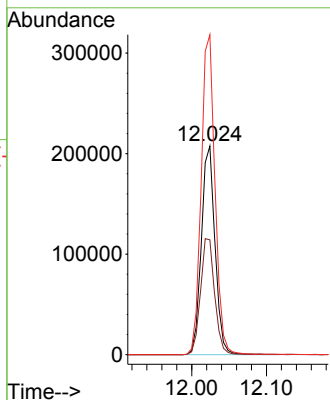
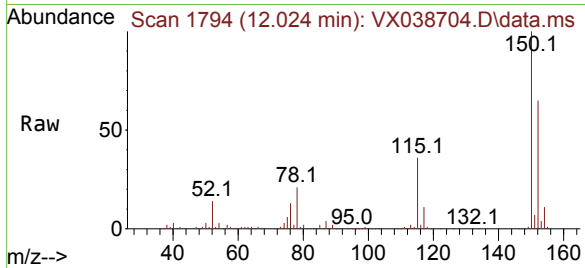




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038704.D
Acq: 10 Nov 2023 05:03

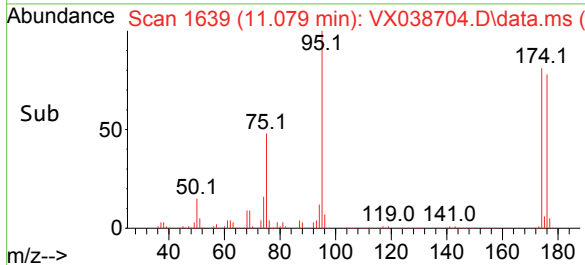
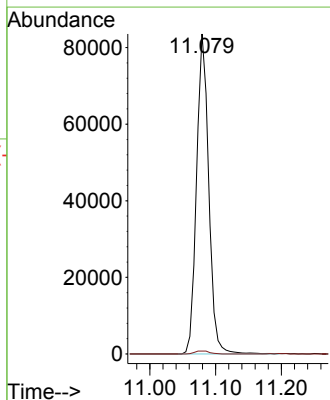
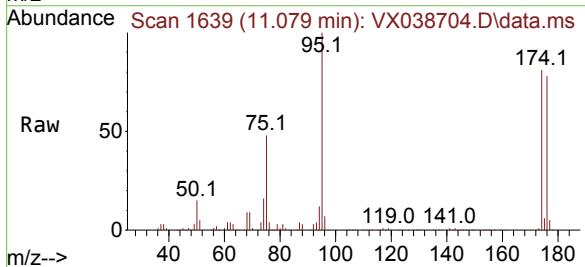
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-26-20231102

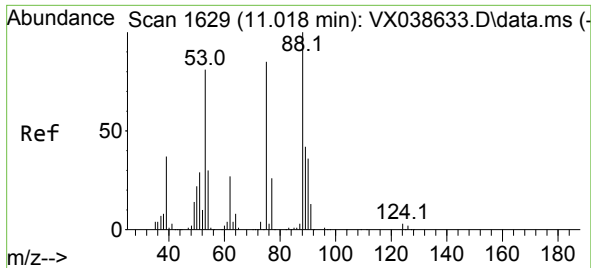
Tgt Ion:152 Resp: 263587
Ion Ratio Lower Upper
152 100
115 57.7 43.3 129.9
150 155.5 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 20.551 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038704.D
Acq: 10 Nov 2023 05:03

Tgt Ion: 75 Resp: 107281
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.620 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038704.D
 Acq: 10 Nov 2023 05:03

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-26-20231102

Tgt Ion: 75 Resp: 107281
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

