

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038679.D
 Acq On : 09 Nov 2023 14:42
 Operator : JC/MD
 Sample : 05223-25
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-TB-4

Quant Time: Nov 10 03:39:40 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)

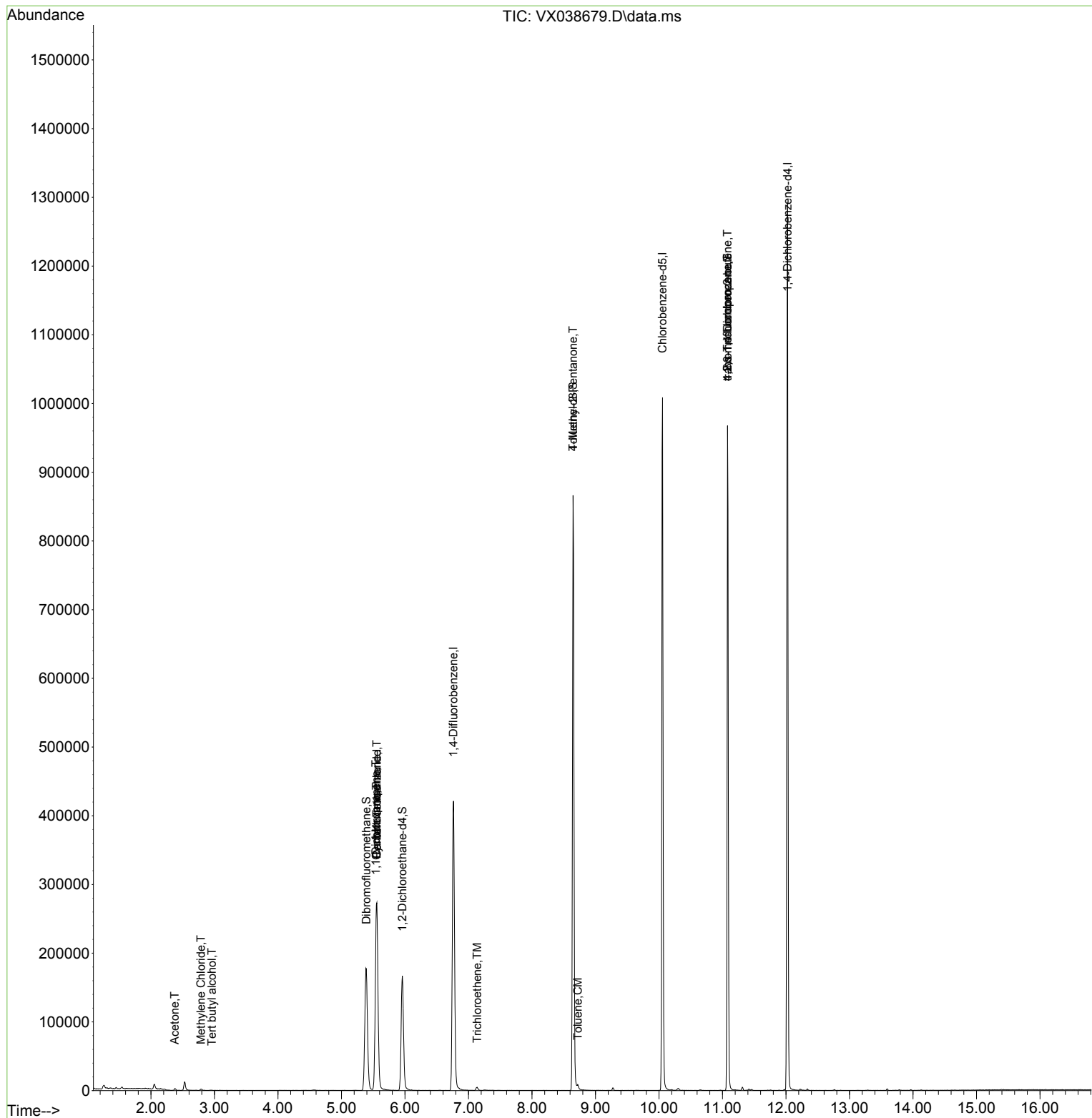
Internal Standards						
1) Pentafluorobenzene	5.556	168	286983	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	470368	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	498609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	303200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	167716	46.942	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.880%
35) Dibromofluoromethane	5.391	113	160673	47.428	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.860%
50) Toluene-d8	8.647	98	548536	45.249	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.500%#
62) 4-Bromofluorobenzene	11.079	95	256389	54.550	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.100%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	263	0.360	ug/l	# 78
16) Acetone	2.374	43	2720	1.808	ug/l	96
20) Methylene Chloride	2.788	84	1136	0.375	ug/l	# 86
31) Cyclohexane	5.550	56	4834	1.222	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	18658	4.434	ug/l	# 52
38) Carbon Tetrachloride	5.556	117	27913	5.933	ug/l	# 15
44) Trichloroethene	7.135	130	2036	0.540	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	1796	0.417	ug/l	# 1
52) Toluene	8.720	92	2017	0.254	ug/l	82
76) 1,2,3-Trichloropropane	11.079	75	125045	20.824	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	125045	63.359	ug/l	# 5

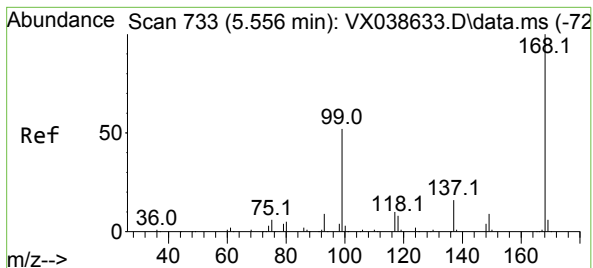
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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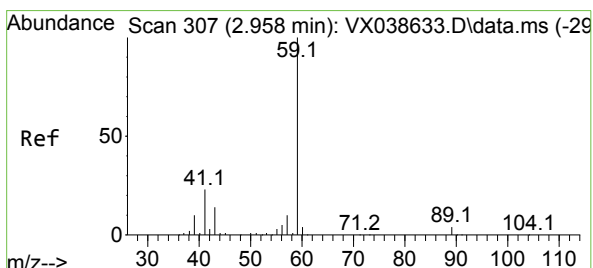
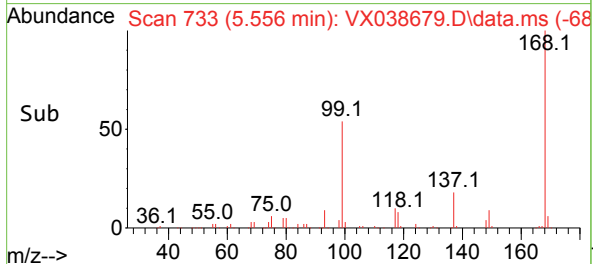
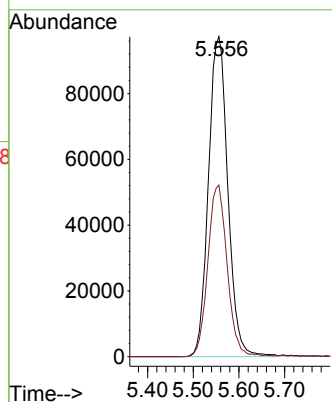
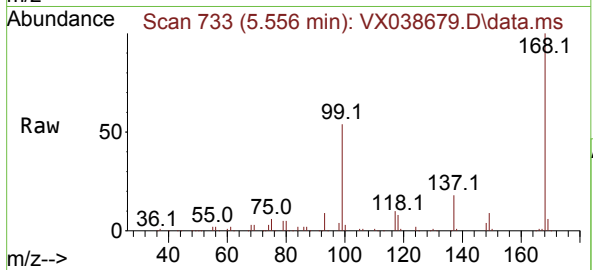




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX038679.D
Acq: 09 Nov 2023 14:42

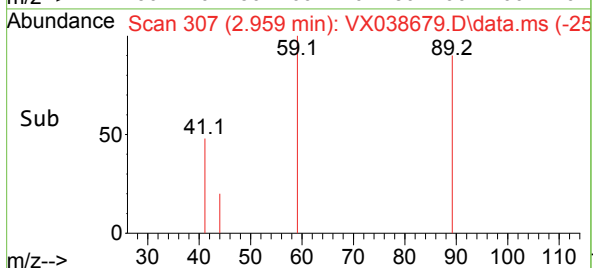
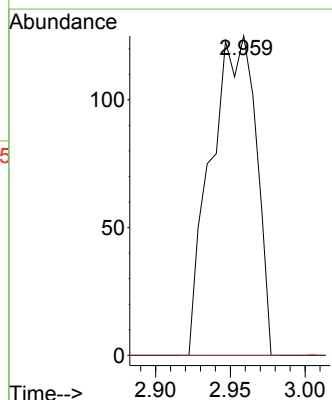
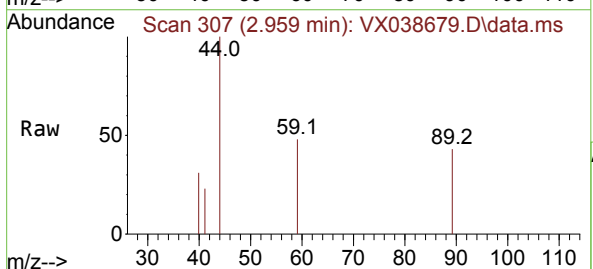
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-4

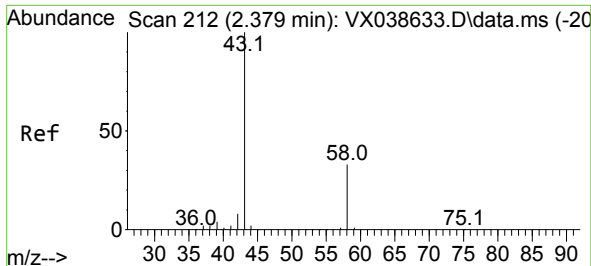
Tgt Ion:168 Resp: 286983
Ion Ratio Lower Upper
168 100
99 53.6 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.360 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX038679.D
Acq: 09 Nov 2023 14:42

Tgt Ion: 59 Resp: 263
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

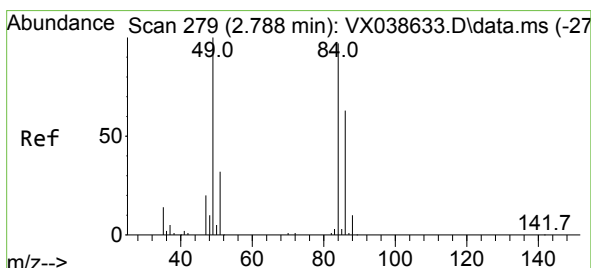
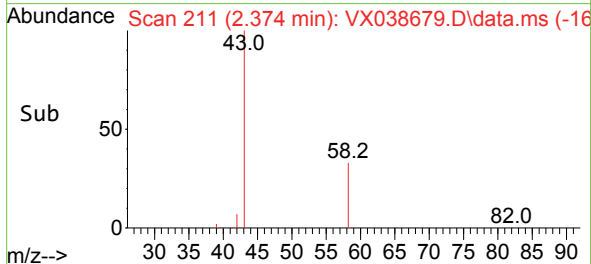
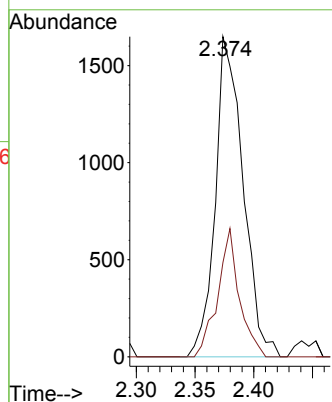
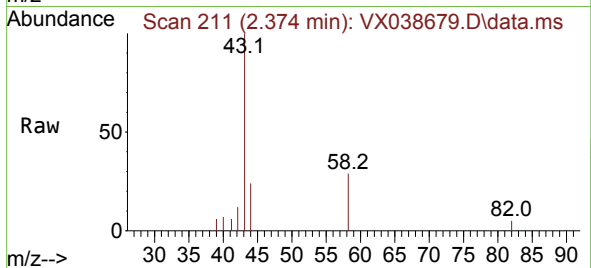




#16
Acetone
Concen: 1.808 ug/l
RT: 2.374 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX038679.D
Acq: 09 Nov 2023 14:42

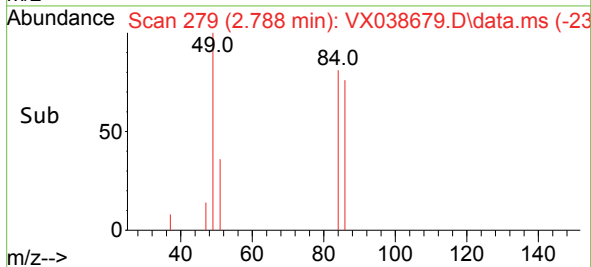
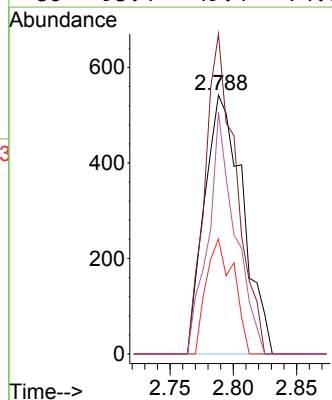
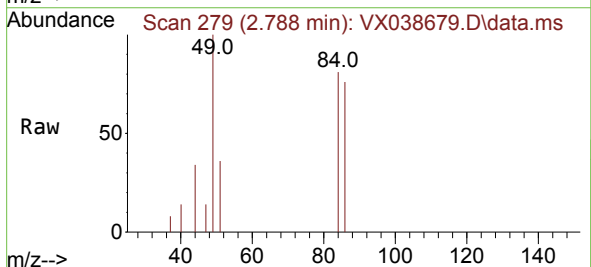
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-4

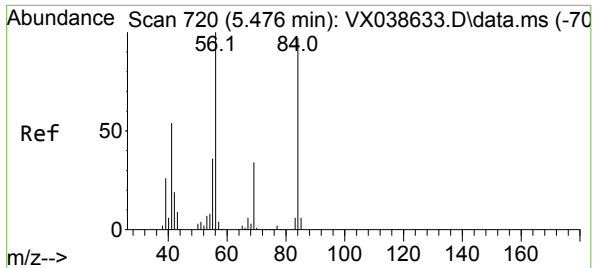
Tgt Ion: 43 Resp: 2720
Ion Ratio Lower Upper
43 100
58 29.4 21.9 32.9



#20
Methylene Chloride
Concen: 0.375 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038679.D
Acq: 09 Nov 2023 14:42

Tgt Ion: 84 Resp: 1136
Ion Ratio Lower Upper
84 100
49 123.6 103.6 155.4
51 44.5 33.8 50.6
86 93.4 49.4 74.0#

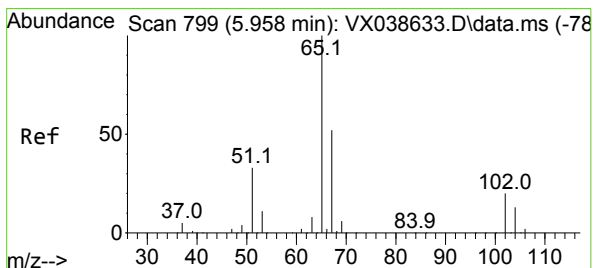
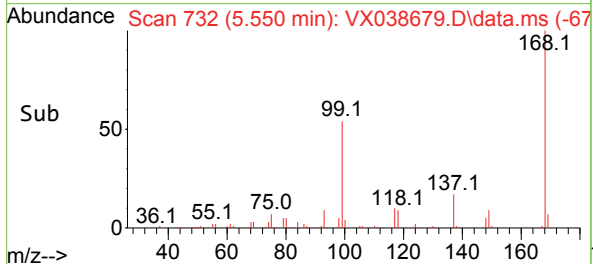
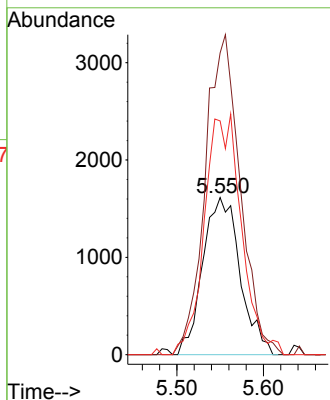
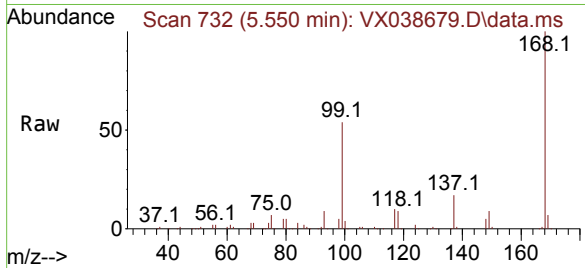




#31
Cyclohexane
Concen: 1.222 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX038679.D
Acq: 09 Nov 2023 14:42

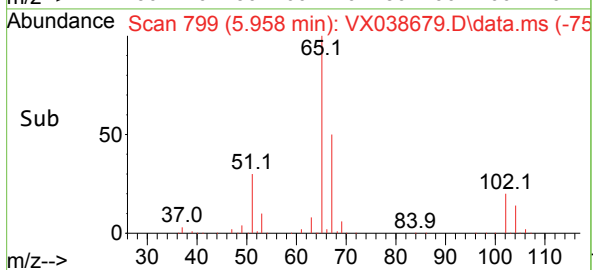
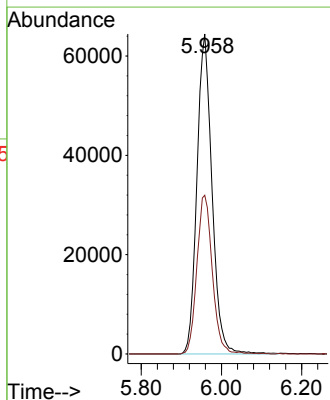
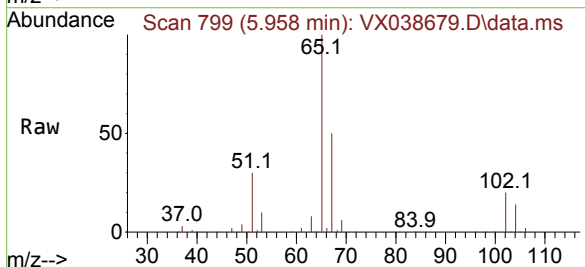
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-4

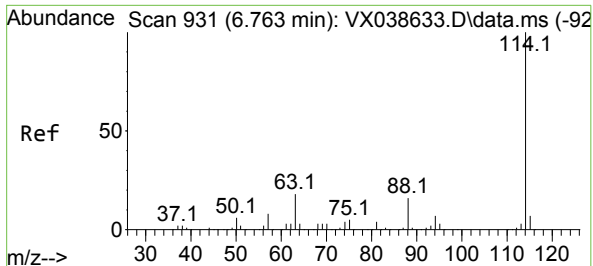
Tgt Ion: 56 Resp: 4834
Ion Ratio Lower Upper
56 100
69 188.8 23.4 35.2#
84 142.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.942 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038679.D
Acq: 09 Nov 2023 14:42

Tgt Ion: 65 Resp: 167716
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

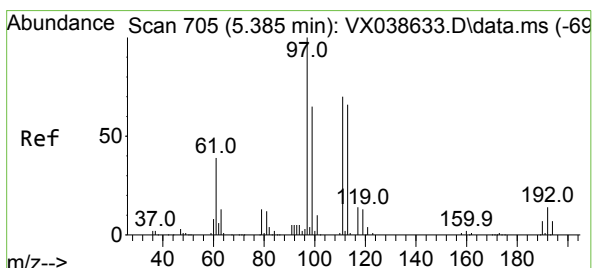
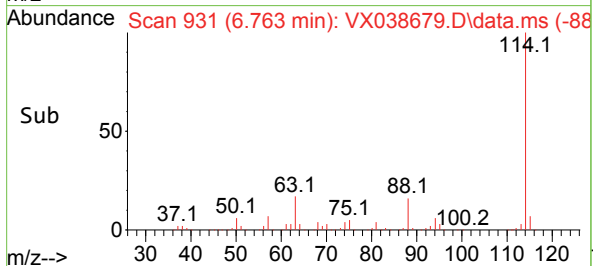
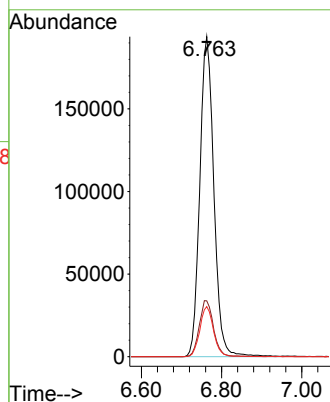
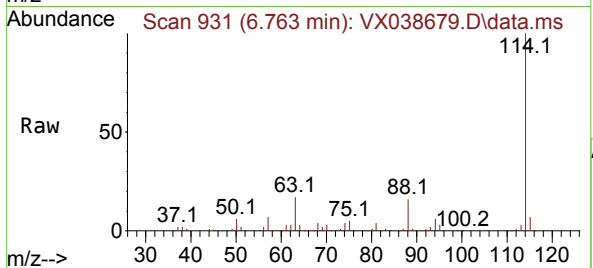




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.001 min
Lab File: VX038679.D
Acq: 09 Nov 2023 14:42

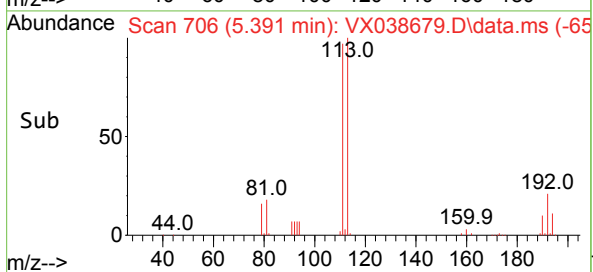
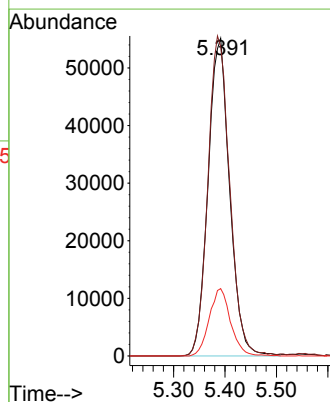
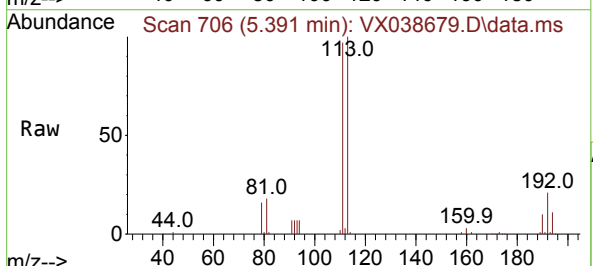
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-4

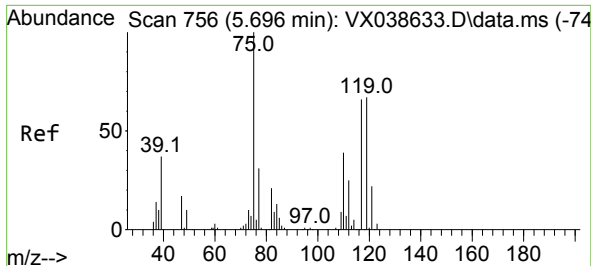
Tgt Ion:114 Resp: 470368
Ion Ratio Lower Upper
114 100
63 17.5 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.428 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.007 min
Lab File: VX038679.D
Acq: 09 Nov 2023 14:42

Tgt Ion:113 Resp: 160673
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 21.0 13.3 19.9#

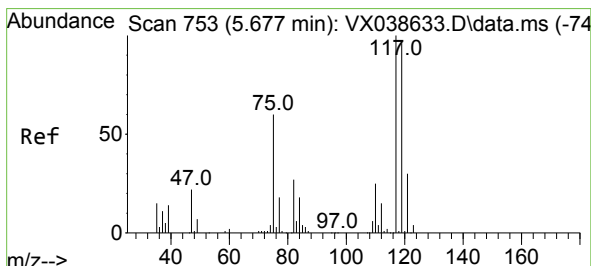
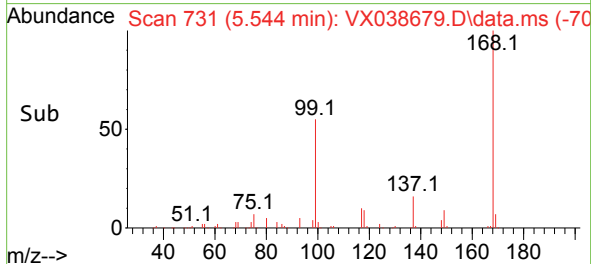
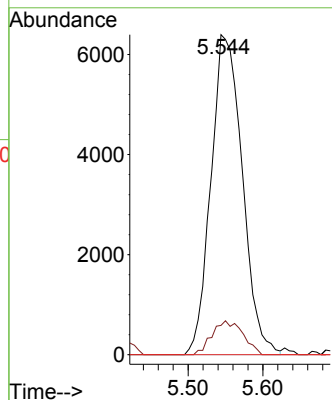
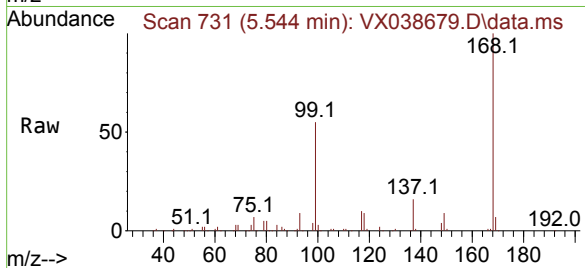




#36
1,1-Dichloropropene
Concen: 4.434 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.152 min
Lab File: VX038679.D
Acq: 09 Nov 2023 14:42

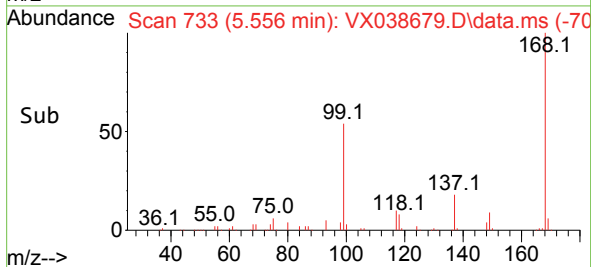
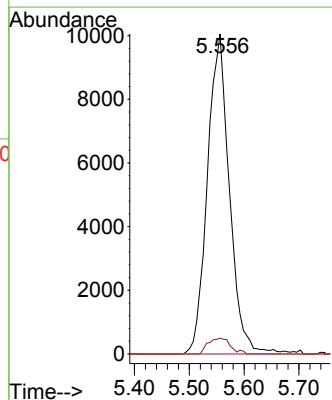
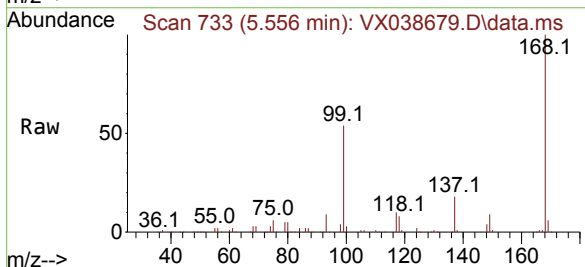
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-4

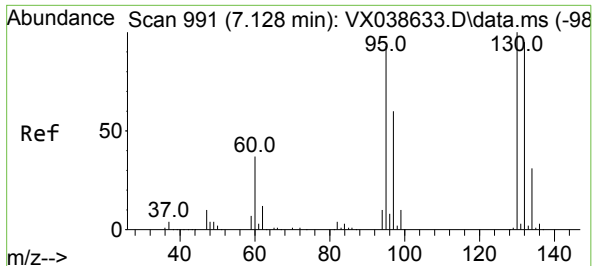
Tgt Ion: 75 Resp: 18658
Ion Ratio Lower Upper
75 100
110 10.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.933 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX038679.D
Acq: 09 Nov 2023 14:42

Tgt Ion: 117 Resp: 27913
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#

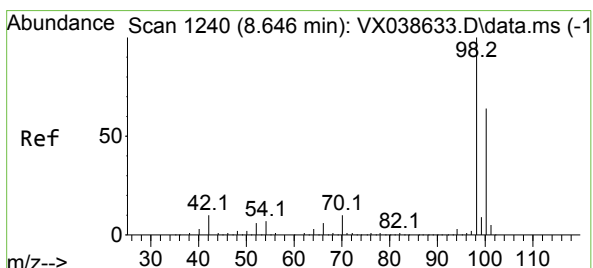
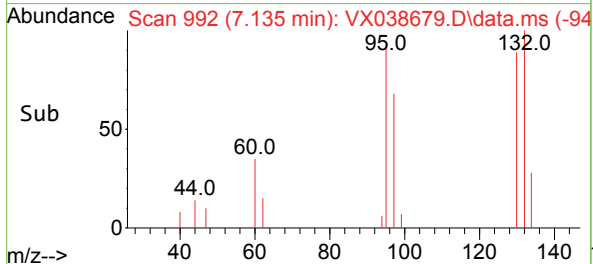
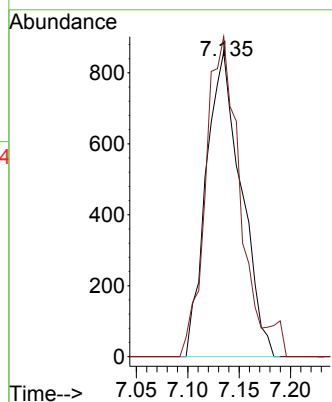
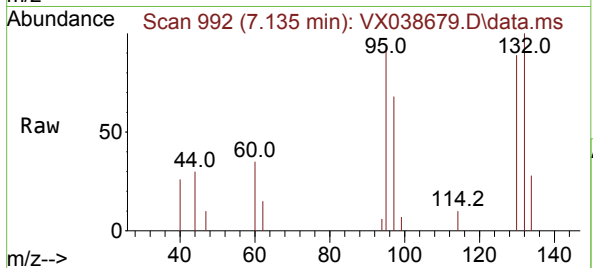




#44
Trichloroethene
Concen: 0.540 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX038679.D
Acq: 09 Nov 2023 14:42

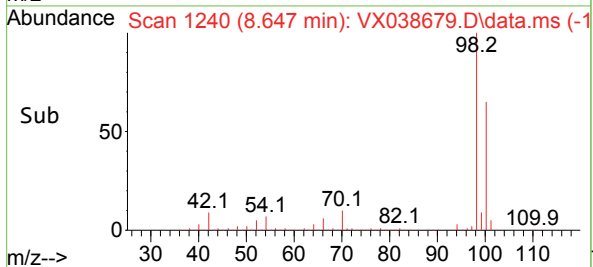
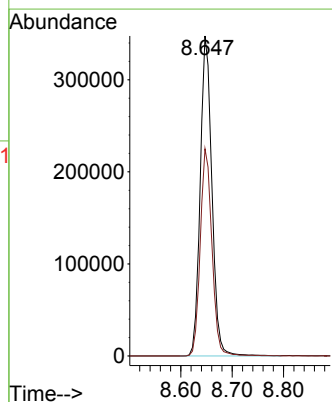
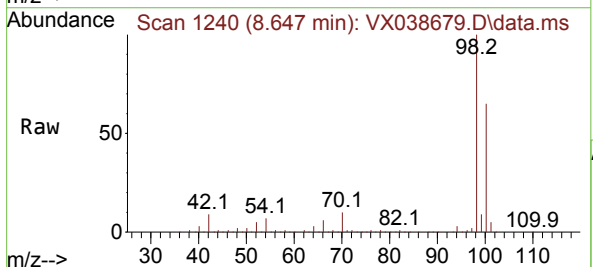
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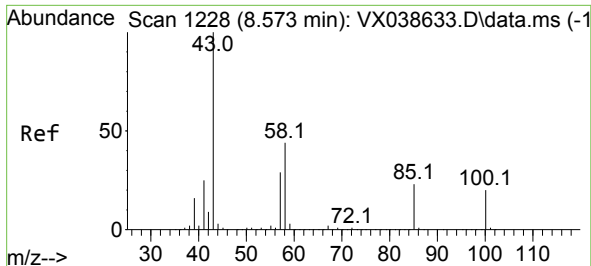
Tgt Ion:130 Resp: 2036
Ion Ratio Lower Upper
130 100
95 105.0 0.0 204.4



#50
Toluene-d8
Concen: 45.249 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038679.D
Acq: 09 Nov 2023 14:42

Tgt Ion: 98 Resp: 548536
Ion Ratio Lower Upper
98 100
100 65.1 53.1 79.7

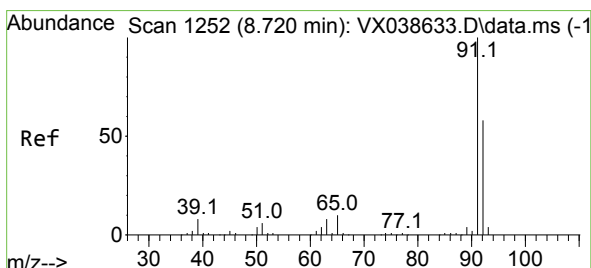
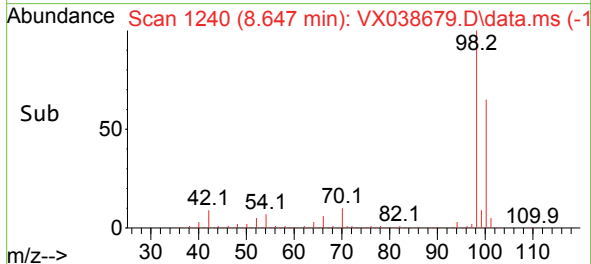
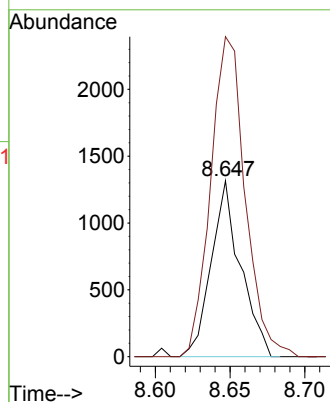
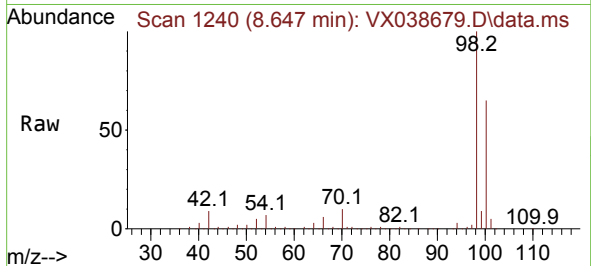




#51
4-Methyl-2-Pentanone
Concen: 0.417 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX038679.D
Acq: 09 Nov 2023 14:42

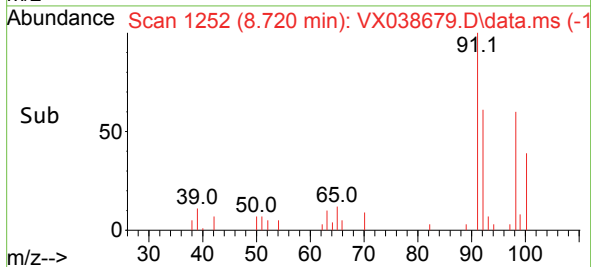
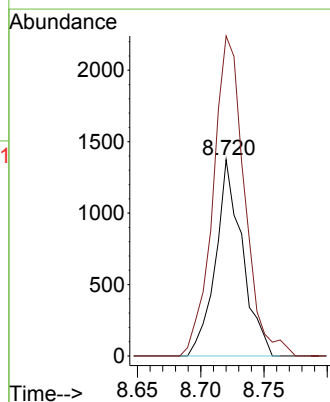
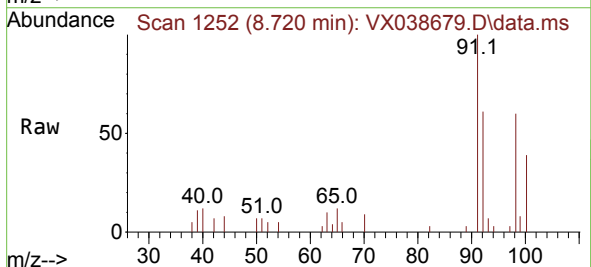
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-4

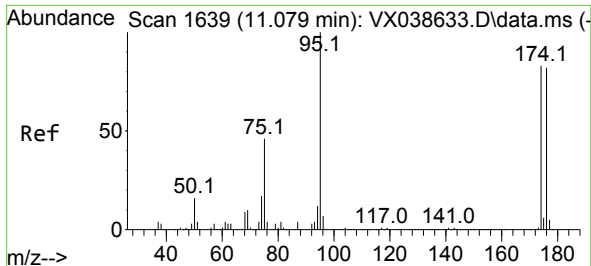
Tgt Ion: 43 Resp: 1796
Ion Ratio Lower Upper
43 100
58 214.6 30.4 45.6#



#52
Toluene
Concen: 0.254 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038679.D
Acq: 09 Nov 2023 14:42

Tgt Ion: 92 Resp: 2017
Ion Ratio Lower Upper
92 100
91 192.2 134.2 201.2

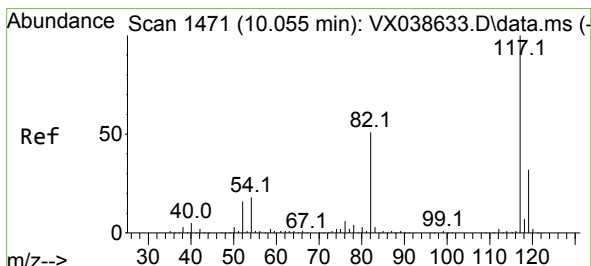
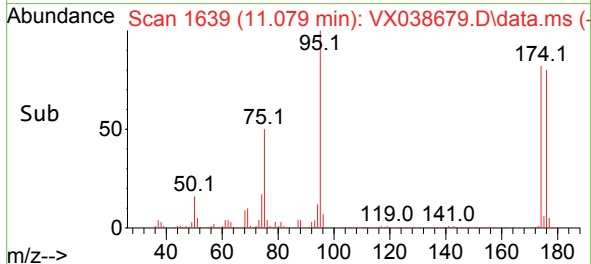
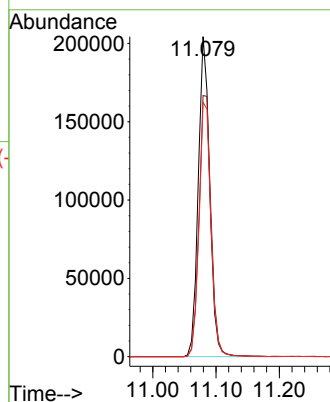
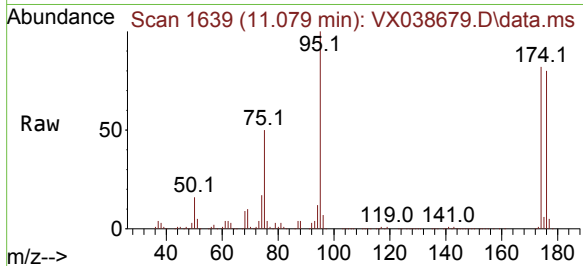




#62
4-Bromofluorobenzene
Concen: 54.550 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038679.D
Acq: 09 Nov 2023 14:42

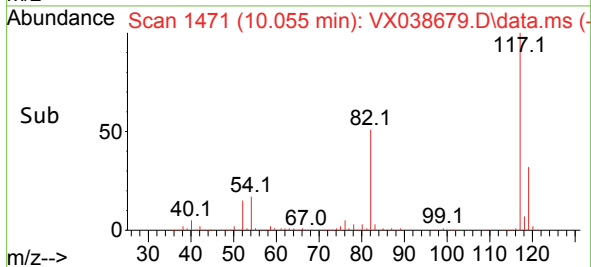
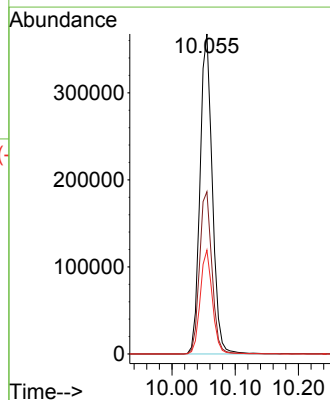
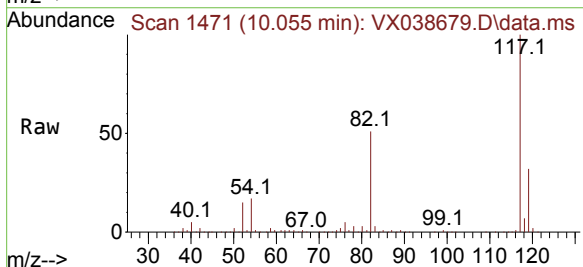
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-4

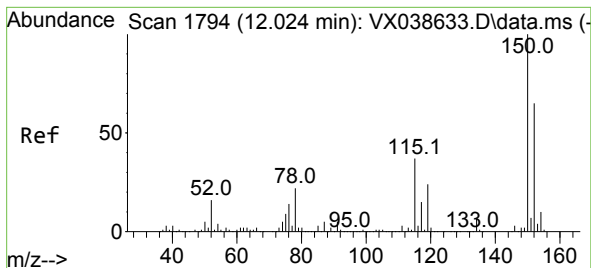
Tgt Ion: 95 Resp: 256389
Ion Ratio Lower Upper
95 100
174 87.4 0.0 135.6
176 82.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038679.D
Acq: 09 Nov 2023 14:42

Tgt Ion: 117 Resp: 498609
Ion Ratio Lower Upper
117 100
82 50.7 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. 0.001 min

Lab File: VX038679.D

Acq: 09 Nov 2023 14:42

Instrument :

MSVOA_X

ClientSampleId :

FSND-TB-4

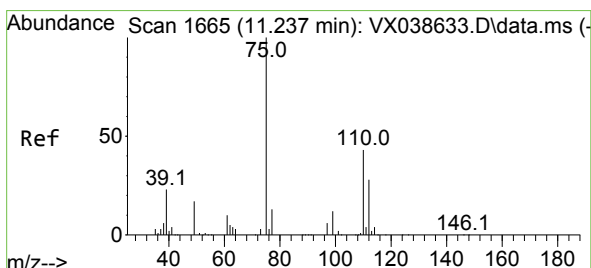
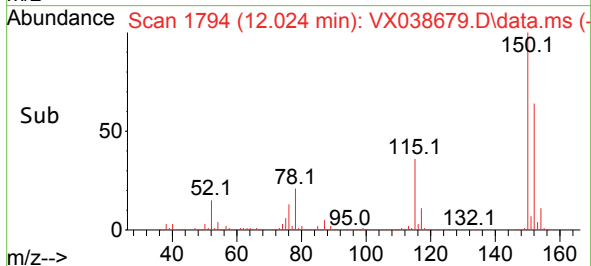
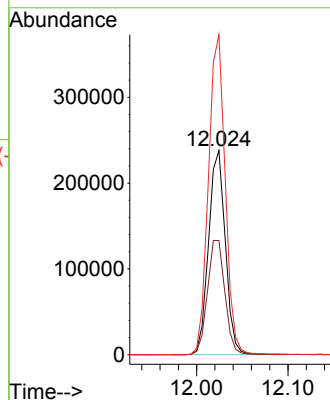
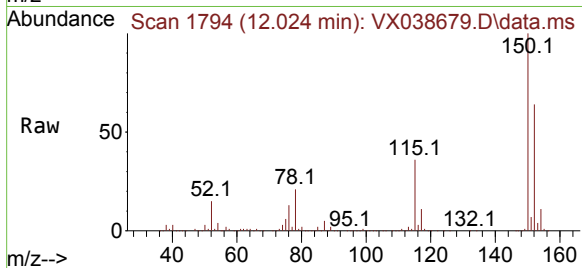
Tgt Ion:152 Resp: 303200

Ion Ratio Lower Upper

152 100

115 58.3 43.3 129.9

150 157.0 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 20.824 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038679.D

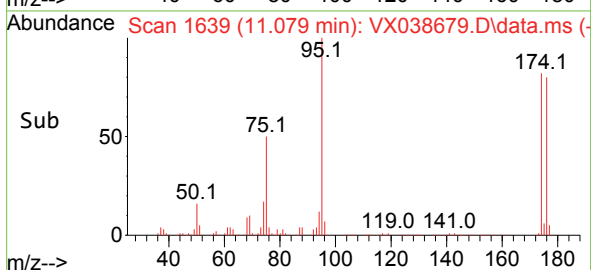
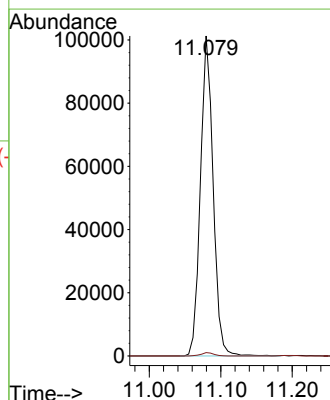
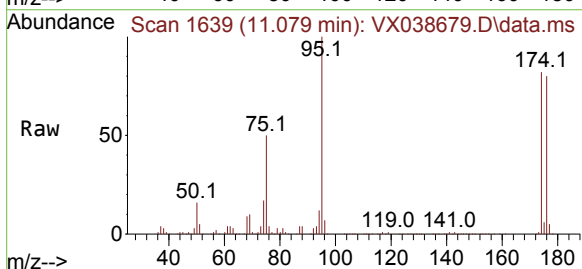
Acq: 09 Nov 2023 14:42

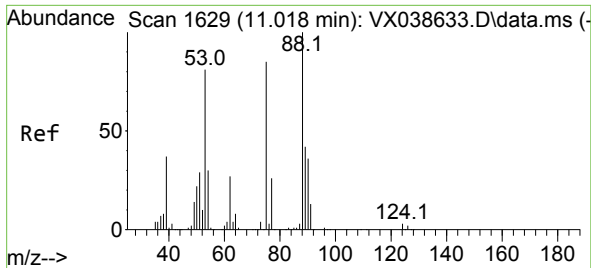
Tgt Ion: 75 Resp: 125045

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.359 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038679.D
 Acq: 09 Nov 2023 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-TB-4

Tgt Ion: 75 Resp: 125045
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

