

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038705.D
 Acq On : 10 Nov 2023 05:26
 Operator : JC/MD
 Sample : 05241-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-34-20231102

Quant Time: Nov 10 06:21:33 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)

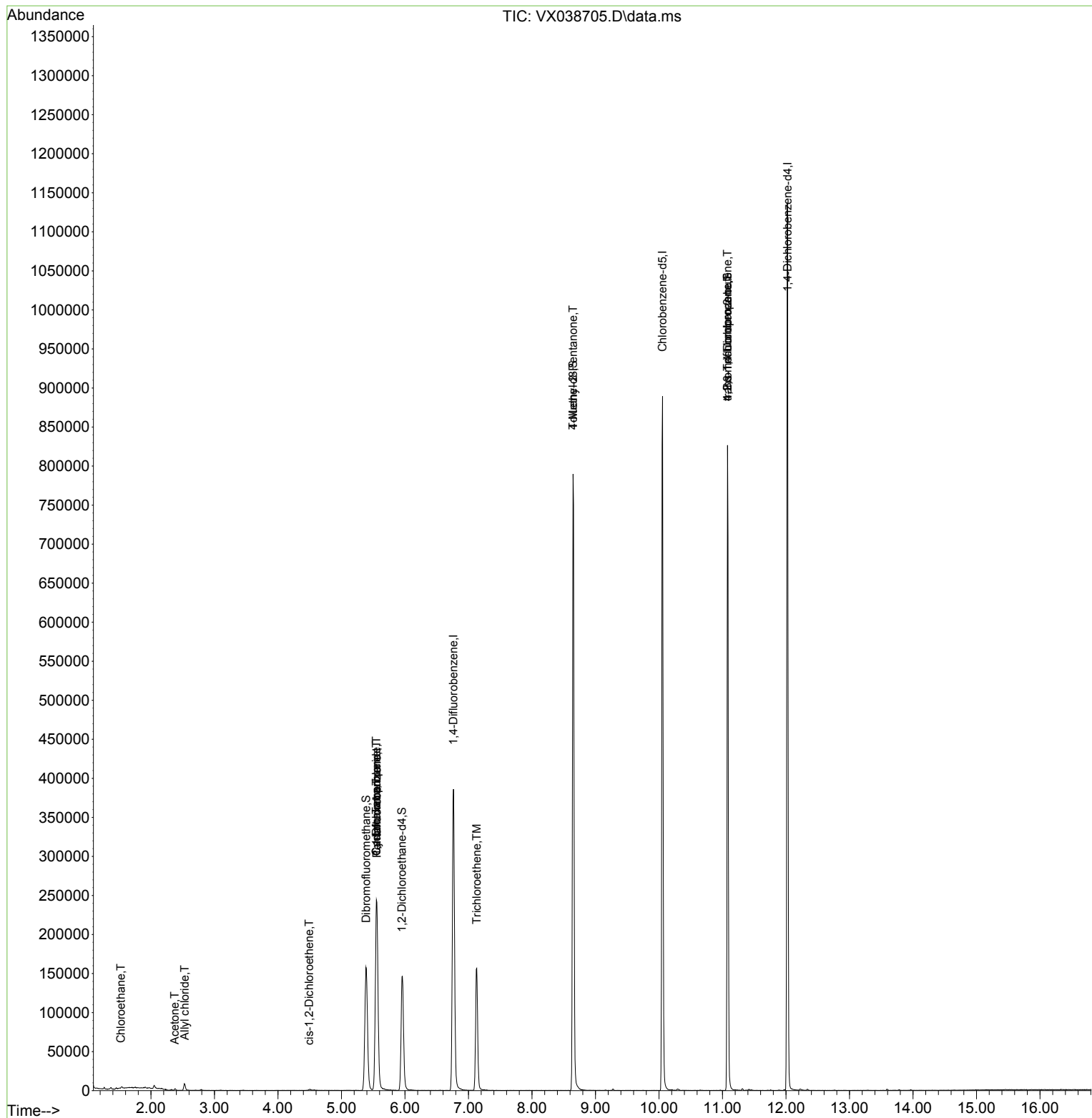
Internal Standards						
1) Pentafluorobenzene	5.556	168	255853	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	434764	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	456201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	269629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	150483	47.243	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.480%
35) Dibromofluoromethane	5.385	113	143032	45.678	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.360%
50) Toluene-d8	8.647	98	515782	46.031	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.060%
62) 4-Bromofluorobenzene	11.079	95	224885	51.765	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.540%
Target Compounds						
					Qvalue	
6) Chloroethane	1.526	64	331	0.214	ug/l	# 71
14) Allyl chloride	2.532	41	829	0.242	ug/l	# 73
16) Acetone	2.374	43	2253	1.679	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	986	0.328	ug/l	75
31) Cyclohexane	5.550	56	4142	1.175	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	16558	4.257	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	24047	5.530	ug/l	# 17
44) Trichloroethene	7.129	130	68541	19.663	ug/l	88
51) 4-Methyl-2-Pentanone	8.647	43	1712	0.430	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	106471	19.938	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	106471	60.958	ug/l	# 5

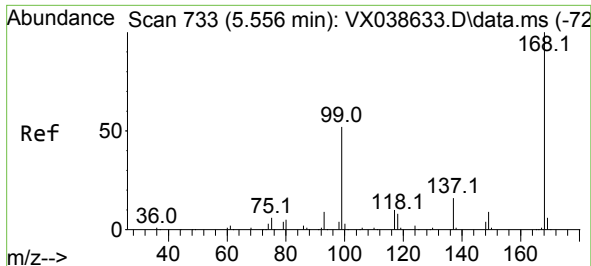
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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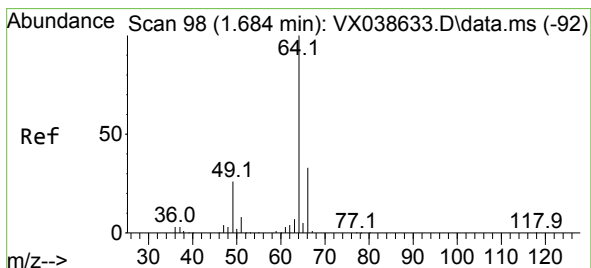
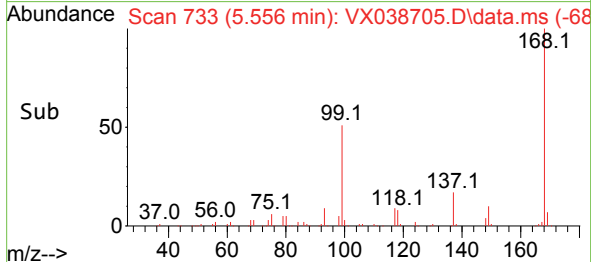
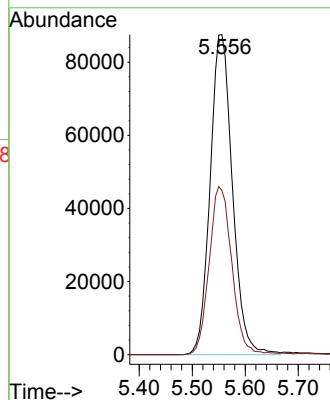
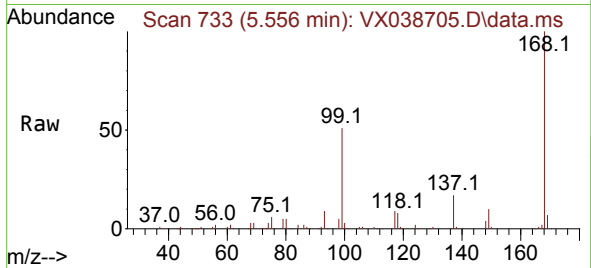




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038705.D
Acq: 10 Nov 2023 05:26

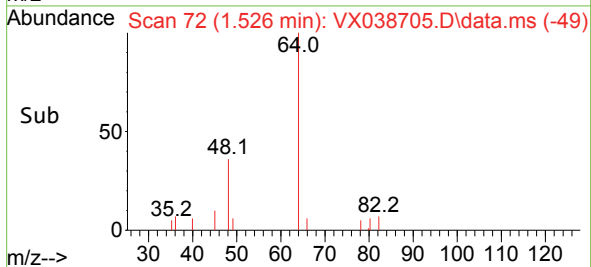
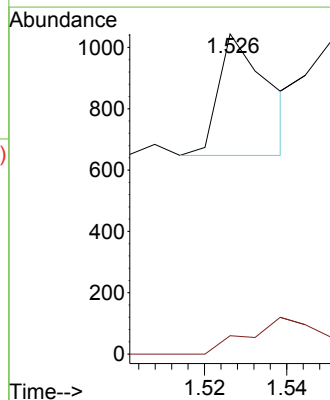
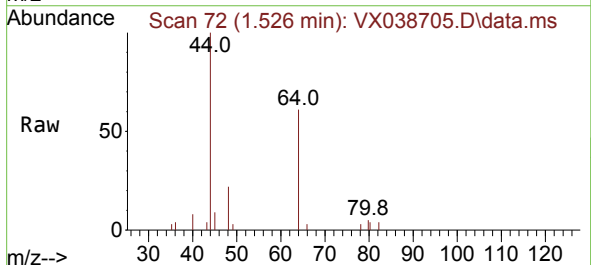
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-34-20231102

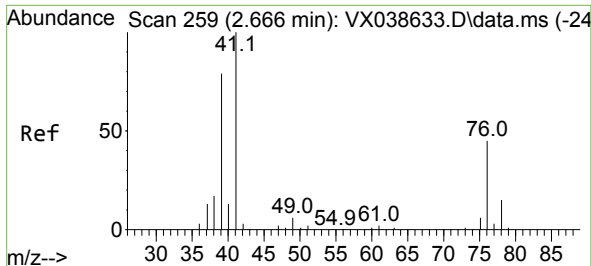
Tgt Ion:168 Resp: 255853
Ion Ratio Lower Upper
168 100
99 51.3 56.6 85.0#



#6
Chloroethane
Concen: 0.214 ug/l
RT: 1.526 min Scan# 72
Delta R.T. -0.158 min
Lab File: VX038705.D
Acq: 10 Nov 2023 05:26

Tgt Ion: 64 Resp: 331
Ion Ratio Lower Upper
64 100
66 15.2 25.1 37.7#

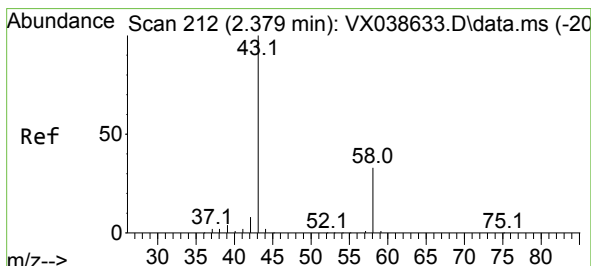
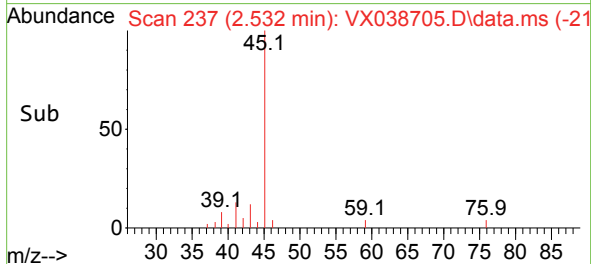
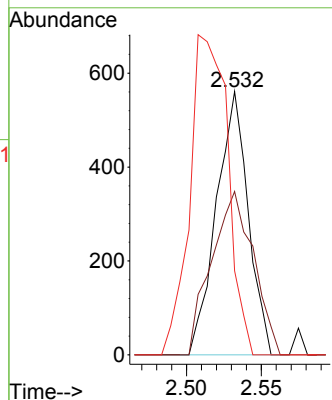
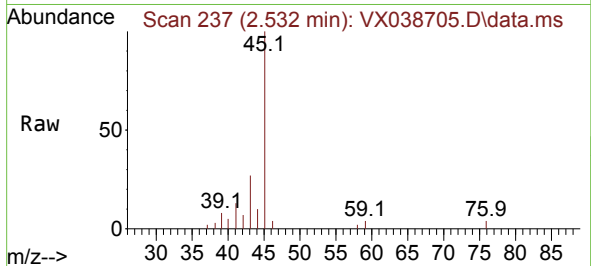




#14
 Allyl chloride
 Concen: 0.242 ug/l
 RT: 2.532 min Scan# 211
 Delta R.T. -0.134 min
 Lab File: VX038705.D
 Acq: 10 Nov 2023 05:26

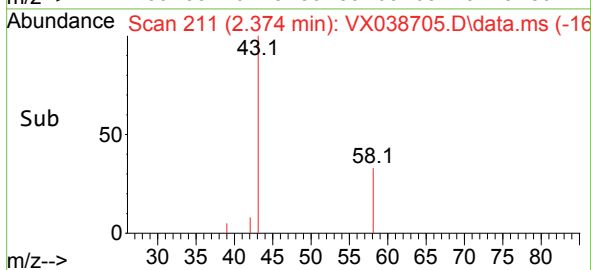
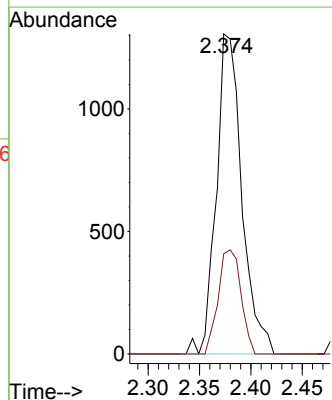
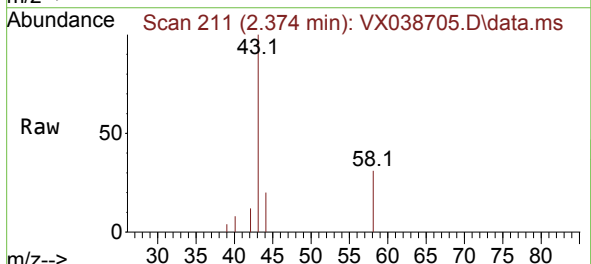
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-34-20231102

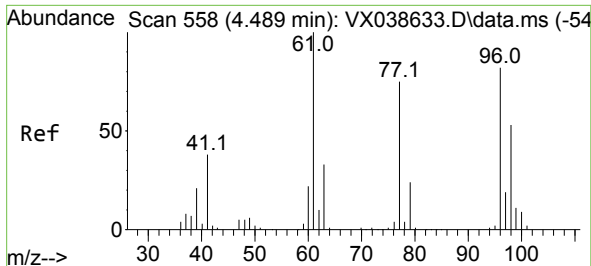
Tgt Ion: 41 Resp: 829
 Ion Ratio Lower Upper
 41 100
 39 81.9 55.8 83.6
 76 0.0 24.3 36.5#



#16
 Acetone
 Concen: 1.679 ug/l
 RT: 2.374 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VX038705.D
 Acq: 10 Nov 2023 05:26

Tgt Ion: 43 Resp: 2253
 Ion Ratio Lower Upper
 43 100
 58 31.3 21.9 32.9

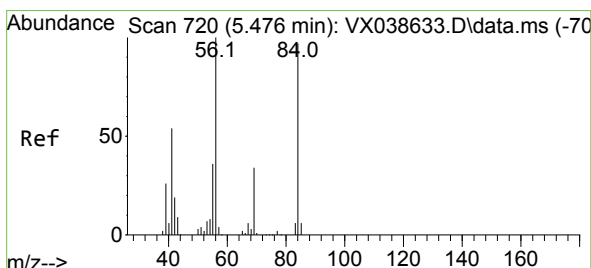
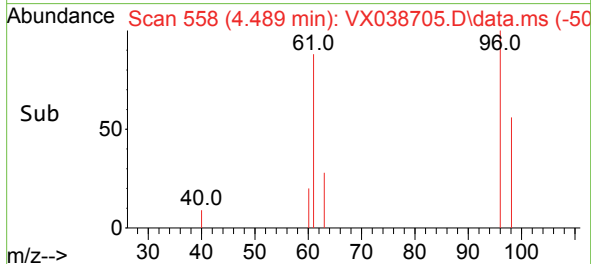
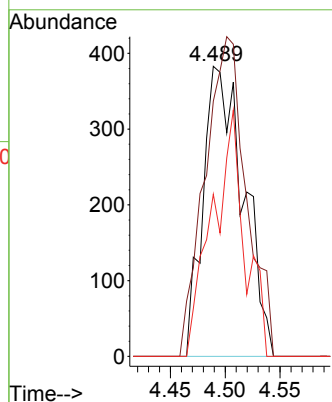
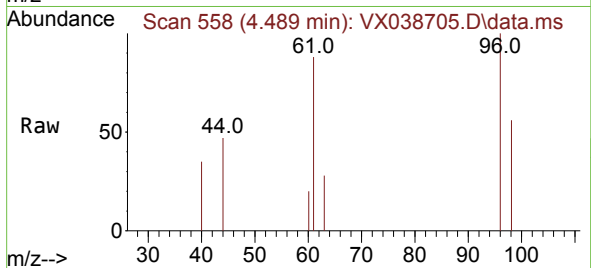




#27
 cis-1,2-Dichloroethene
 Concen: 0.328 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX038705.D
 Acq: 10 Nov 2023 05:26

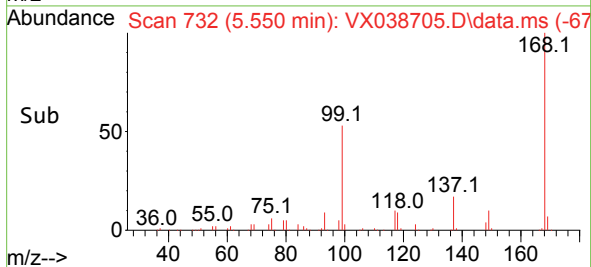
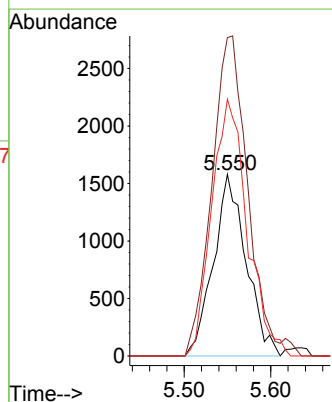
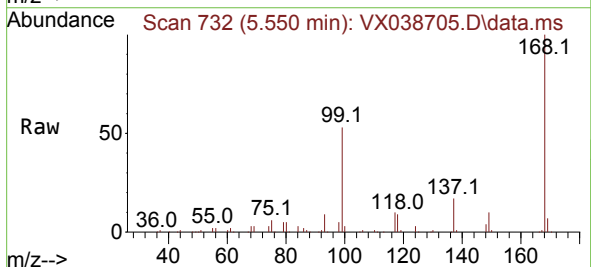
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-34-20231102

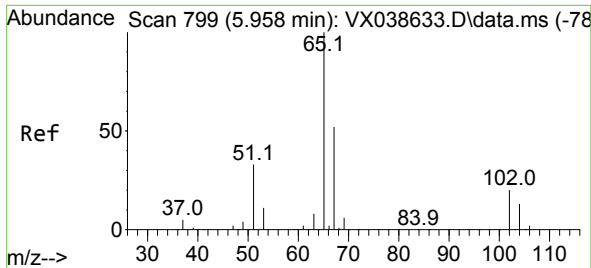
Tgt Ion: 96	Resp:	986
Ion	Ratio	Lower Upper
96	100	
61	112.6	0.0 312.2
98	68.0	0.0 129.0



#31
 Cyclohexane
 Concen: 1.175 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. 0.074 min
 Lab File: VX038705.D
 Acq: 10 Nov 2023 05:26

Tgt Ion: 56	Resp:	4142
Ion	Ratio	Lower Upper
56	100	
69	175.4	23.4 35.2#
84	141.4	65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.243 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038705.D

Acq: 10 Nov 2023 05:26

Instrument :

MSVOA_X

ClientSampleId :

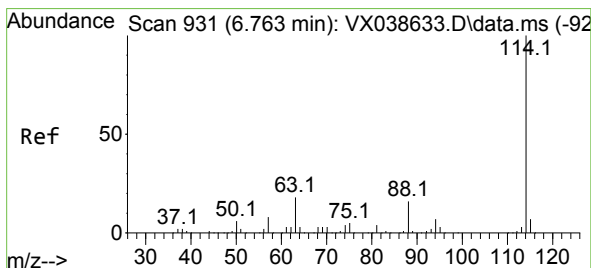
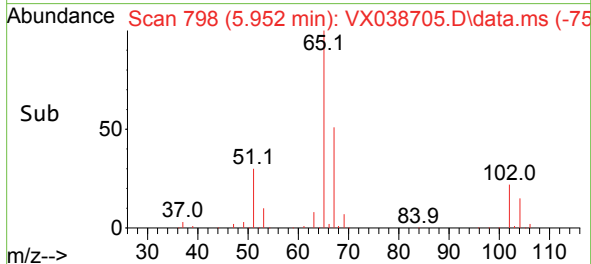
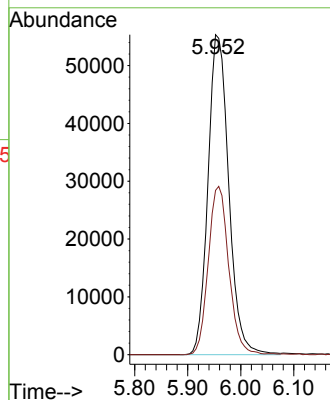
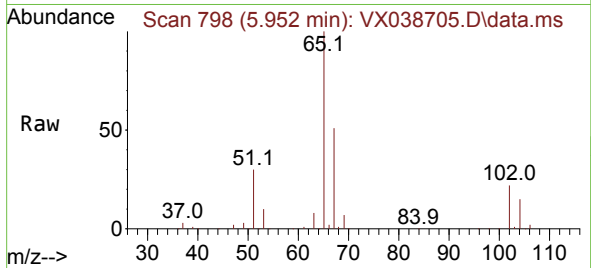
FSND-MW-34-20231102

Tgt Ion: 65 Resp: 150483

Ion Ratio Lower Upper

65 100

67 51.9 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: VX038705.D

Acq: 10 Nov 2023 05:26

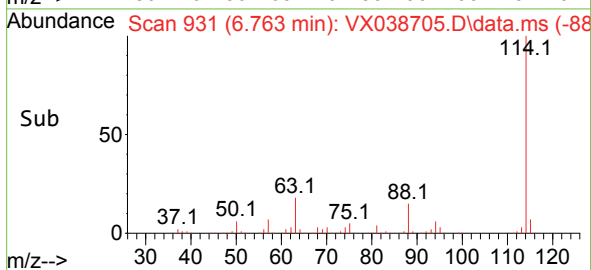
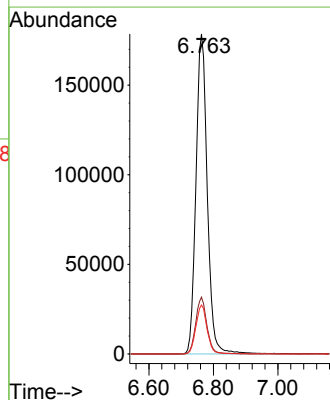
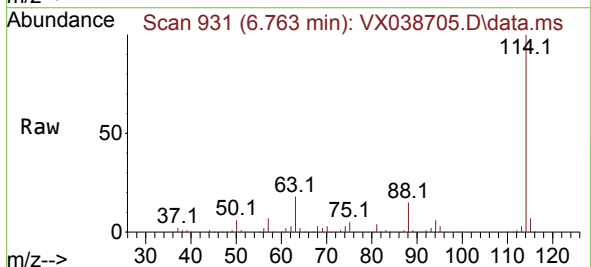
Tgt Ion:114 Resp: 434764

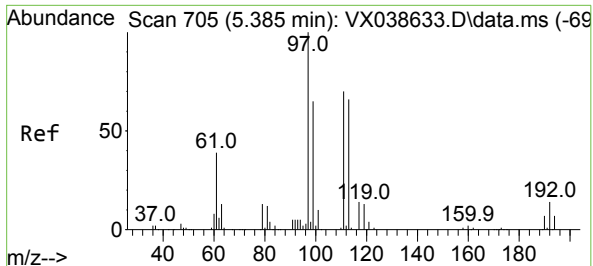
Ion Ratio Lower Upper

114 100

63 17.8 0.0 45.0

88 15.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.678 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038705.D

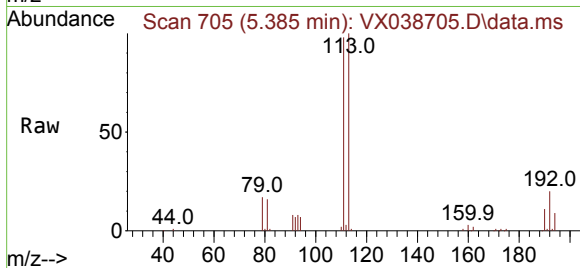
Acq: 10 Nov 2023 05:26

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-34-20231102



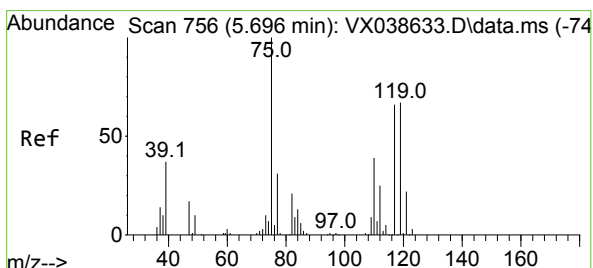
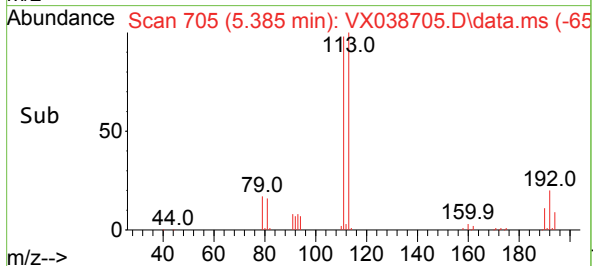
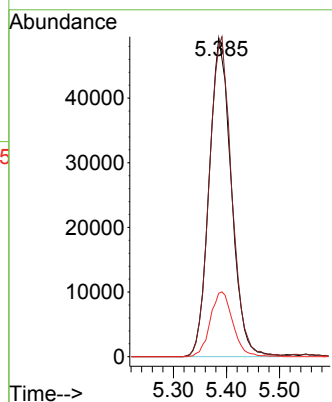
Tgt Ion:113 Resp: 143032

Ion Ratio Lower Upper

113 100

111 101.8 82.9 124.3

192 20.8 13.3 19.9#



#36

1,1-Dichloropropene

Concen: 4.257 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX038705.D

Acq: 10 Nov 2023 05:26

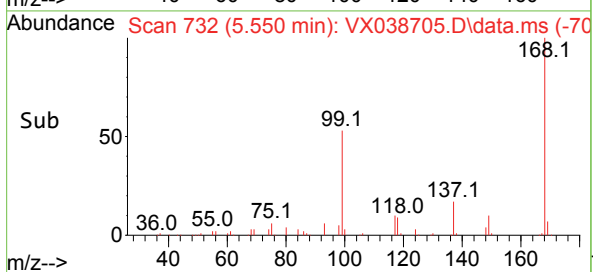
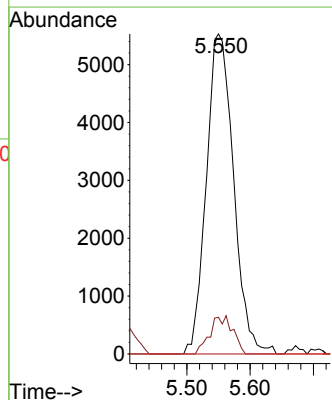
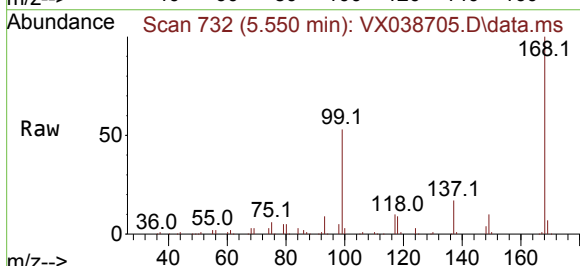
Tgt Ion: 75 Resp: 16558

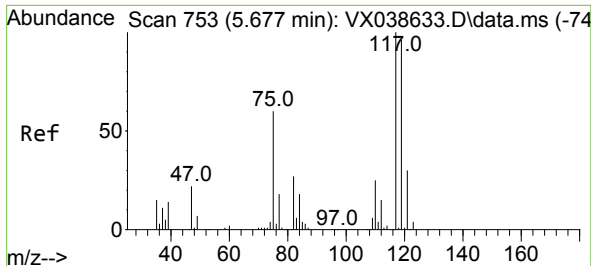
Ion Ratio Lower Upper

75 100

110 10.0 17.0 50.9#

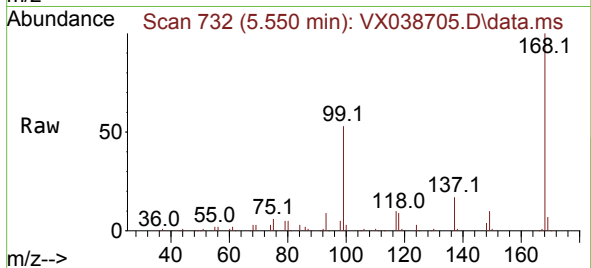
77 0.0 24.7 37.1#



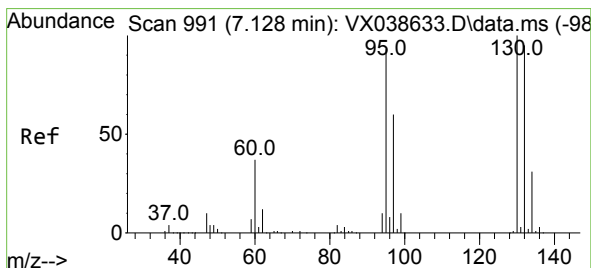
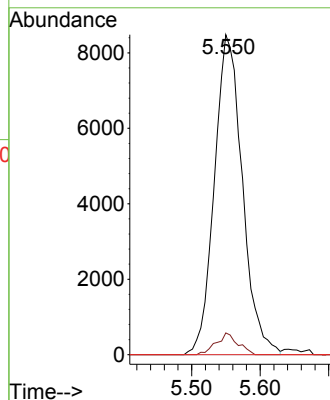
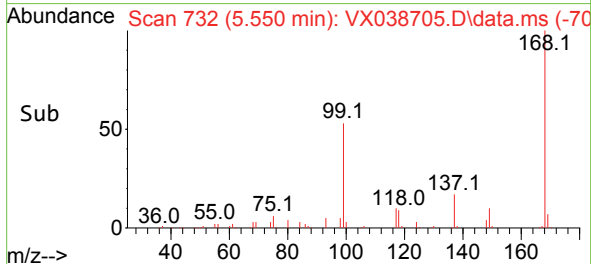


#38
Carbon Tetrachloride
Concen: 5.530 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038705.D
Acq: 10 Nov 2023 05:26

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-34-20231102

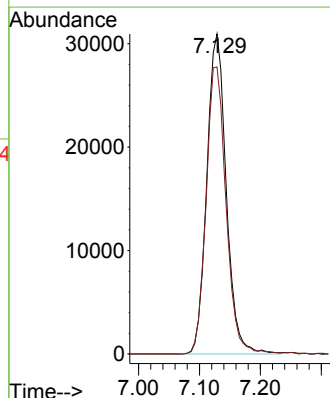
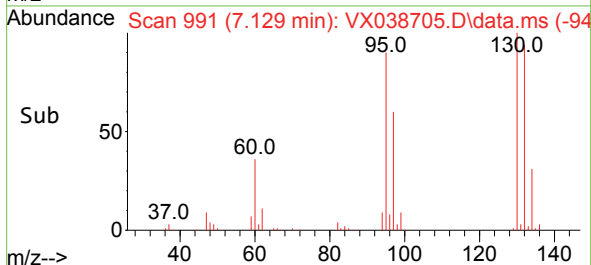
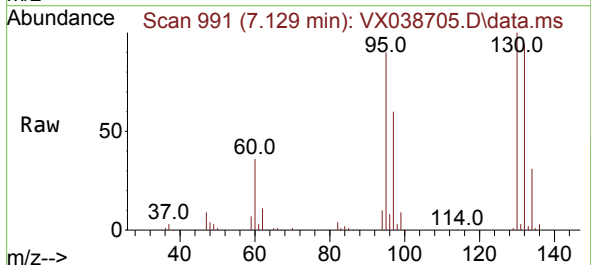


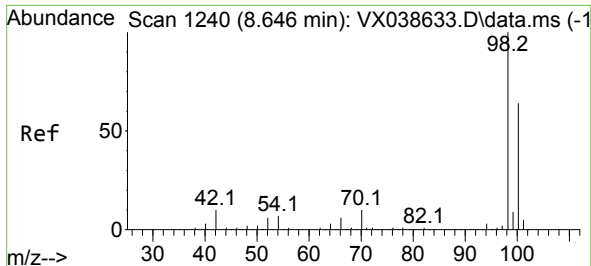
Tgt Ion:117 Resp: 24047
Ion Ratio Lower Upper
117 100
119 6.8 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 19.663 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038705.D
Acq: 10 Nov 2023 05:26

Tgt Ion:130 Resp: 68541
Ion Ratio Lower Upper
130 100
95 89.7 0.0 204.4

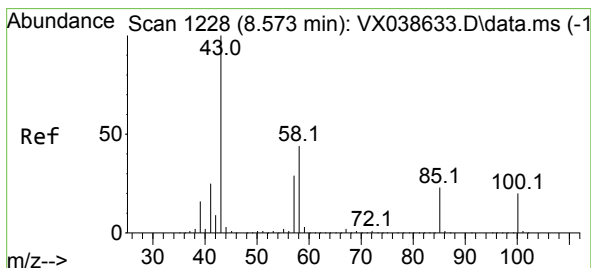
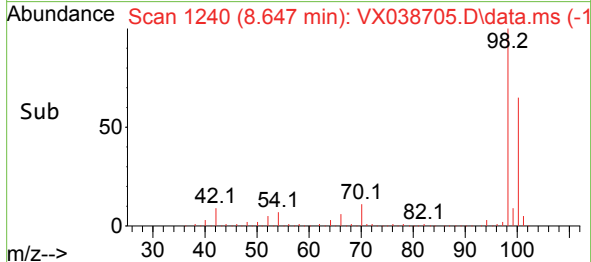
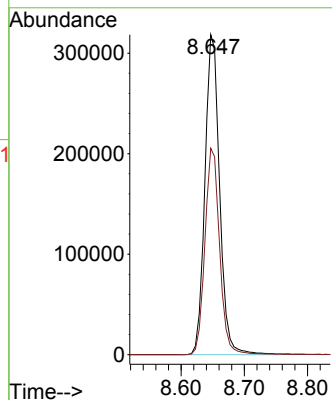
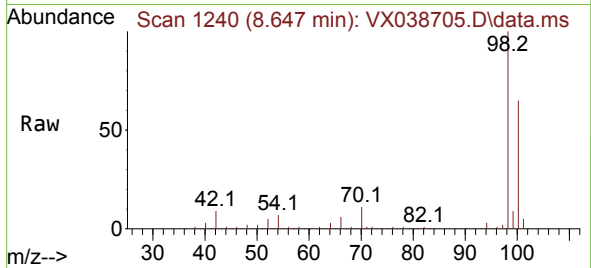




#50
Toluene-d8
Concen: 46.031 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038705.D
Acq: 10 Nov 2023 05:26

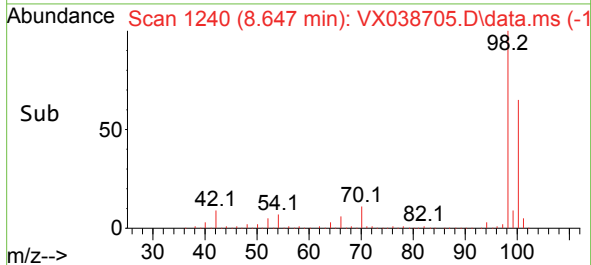
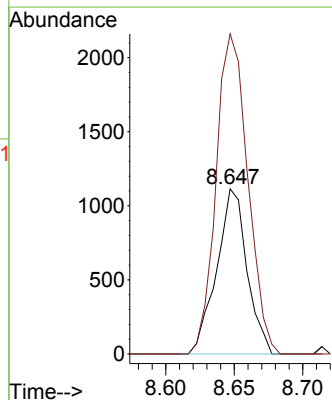
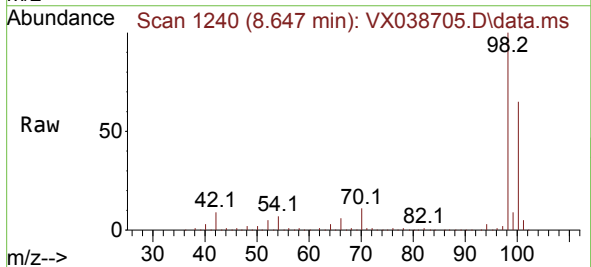
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-34-20231102

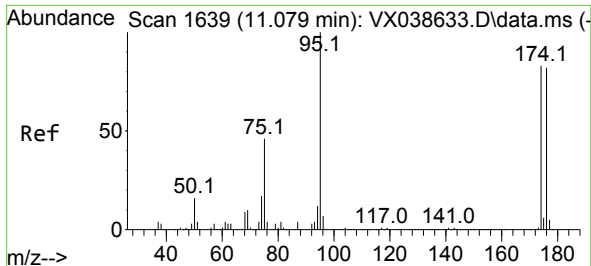
Tgt Ion: 98 Resp: 515782
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.430 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX038705.D
Acq: 10 Nov 2023 05:26

Tgt Ion: 43 Resp: 1712
Ion Ratio Lower Upper
43 100
58 203.3 30.4 45.6#

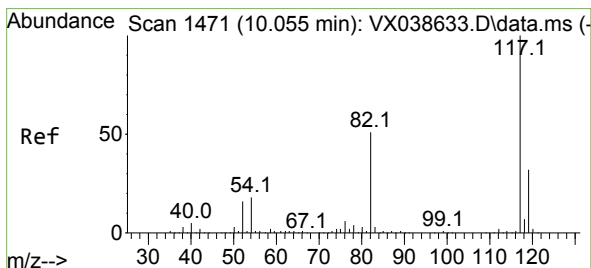
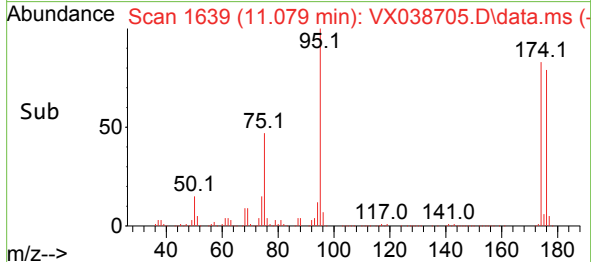
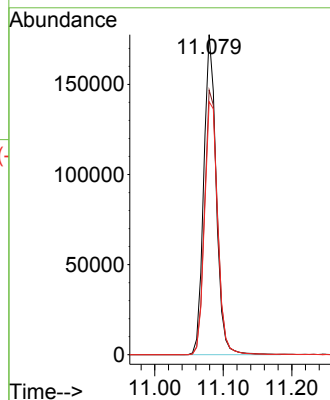
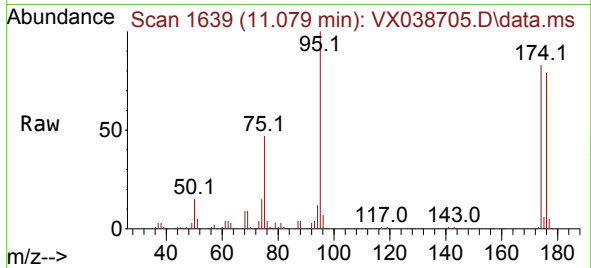




#62
4-Bromofluorobenzene
Concen: 51.765 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038705.D
Acq: 10 Nov 2023 05:26

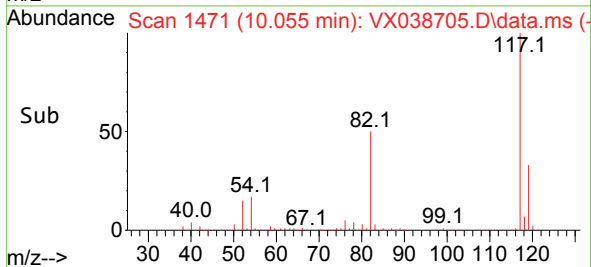
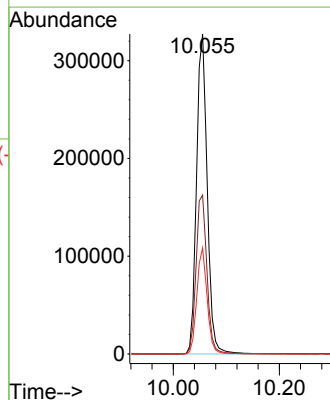
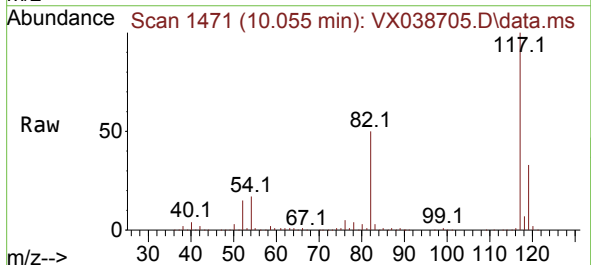
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-34-20231102

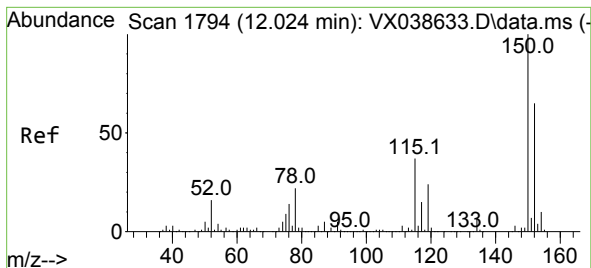
Tgt Ion: 95 Resp: 224885
Ion Ratio Lower Upper
95 100
174 87.0 0.0 135.6
176 84.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038705.D
Acq: 10 Nov 2023 05:26

Tgt Ion: 117 Resp: 456201
Ion Ratio Lower Upper
117 100
82 49.6 46.2 69.4
119 33.1 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: VX038705.D

Acq: 10 Nov 2023 05:26

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-34-20231102

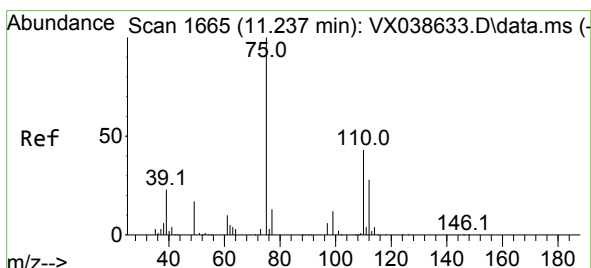
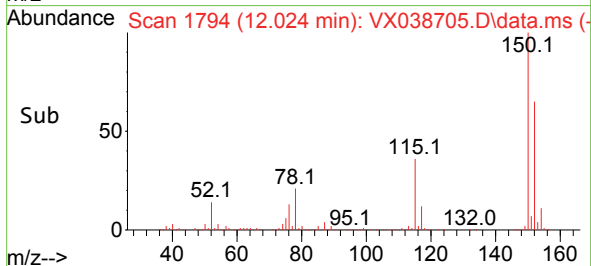
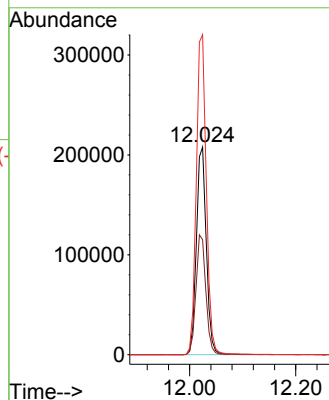
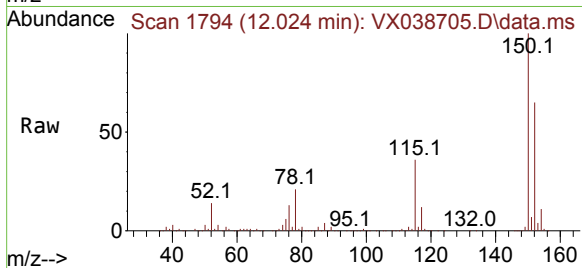
Tgt Ion:152 Resp: 269629

Ion Ratio Lower Upper

152 100

115 57.7 43.3 129.9

150 156.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 19.938 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038705.D

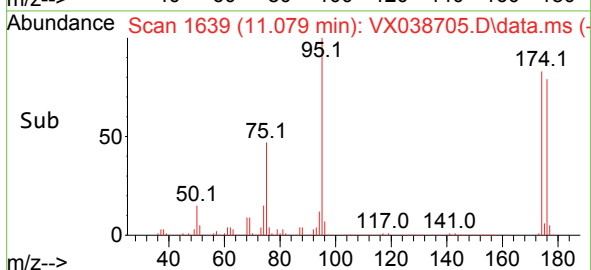
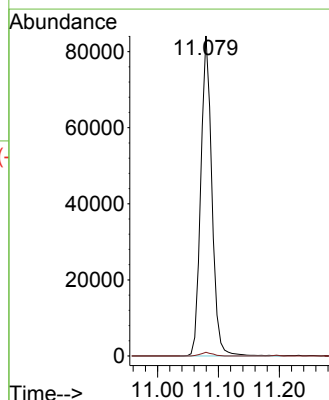
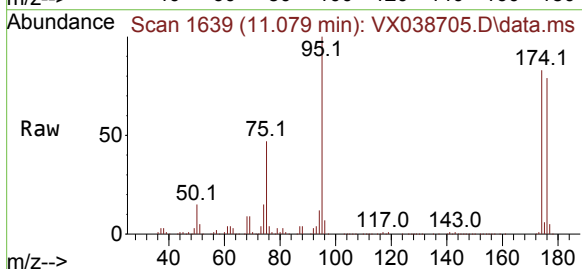
Acq: 10 Nov 2023 05:26

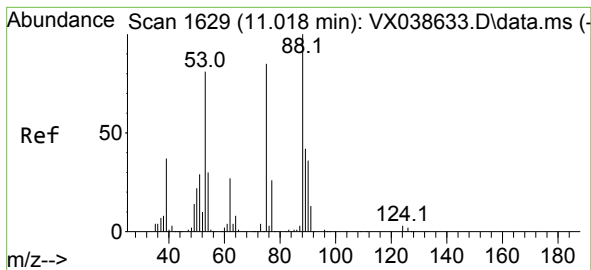
Tgt Ion: 75 Resp: 106471

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.958 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX038705.D
 Acq: 10 Nov 2023 05:26

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-34-20231102

Tgt Ion: 75 Resp: 106471
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

