

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110823\
 Data File : VX038657.D
 Acq On : 08 Nov 2023 15:40
 Operator : JC/MD
 Sample : 05222-09RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-EVAL-02D-20231101RE

Quant Time: Nov 09 01:20:44 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)

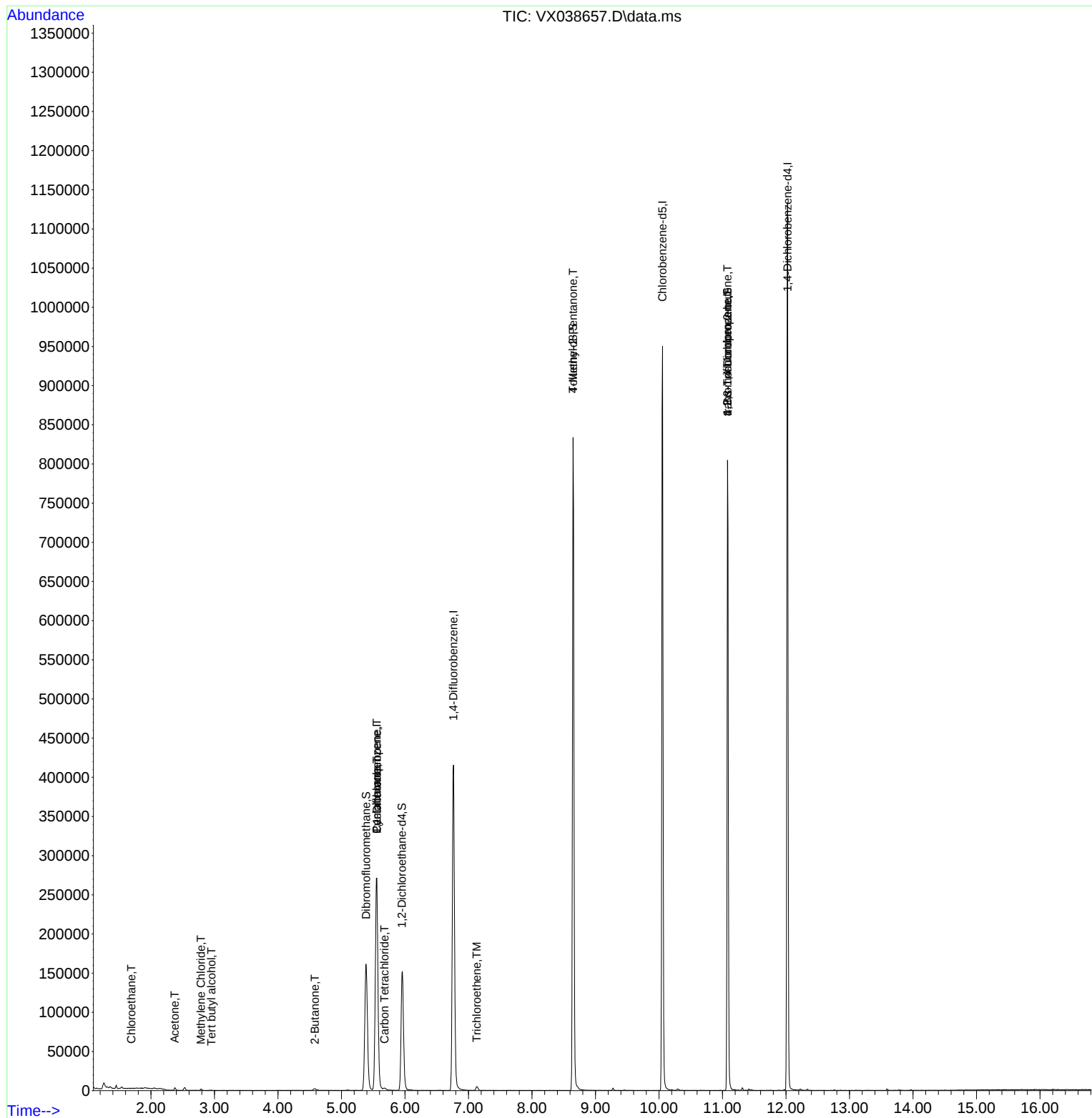
Internal Standards						
1) Pentafluorobenzene	5.556	168	279908	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	459695	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	464455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	265705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	154454	44.323	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.640%
35) Dibromofluoromethane	5.385	113	144292	43.581	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.160%
50) Toluene-d8	8.647	98	519967	43.888	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.780%#
62) 4-Bromofluorobenzene	11.079	95	219107	47.700	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.400%
Target Compounds						
					Qvalue	
6) Chloroethane	1.691	64	399	0.236	ug/l	# 43
11) Tert butyl alcohol	2.953	59	308	0.432	ug/l	# 78
16) Acetone	2.374	43	3194	2.176	ug/l	# 73
20) Methylene Chloride	2.788	84	869	0.294	ug/l	# 80
25) 2-Butanone	4.581	43	4726	2.223	ug/l	100
31) Cyclohexane	5.556	56	4783	1.240	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	17989	4.374	ug/l	# 51
38) Carbon Tetrachloride	5.678	117	2014	0.438	ug/l	# 84
44) Trichloroethene	7.129	130	2114	0.574	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	1827	0.434	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	106835	20.302	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	106835	61.946	ug/l	# 5

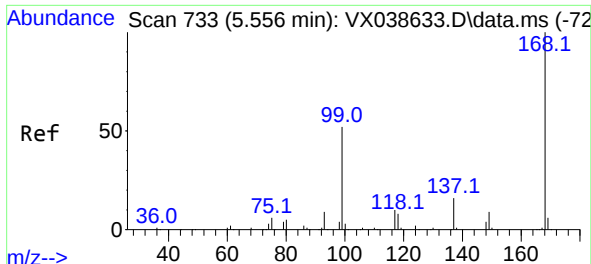
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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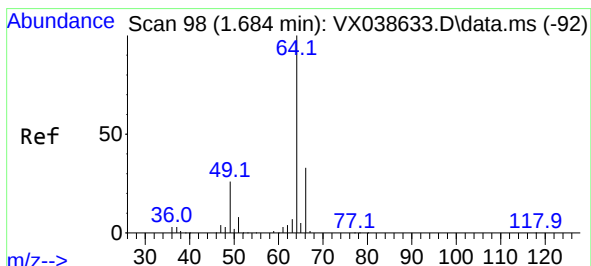
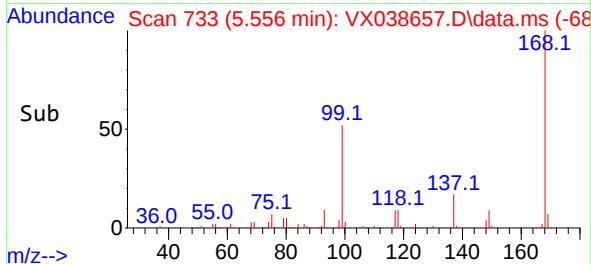
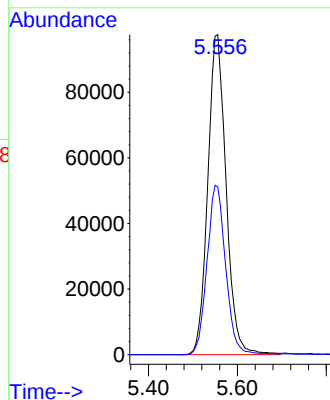
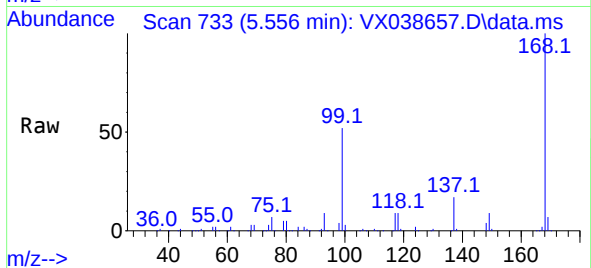




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038657.D
Acq: 08 Nov 2023 15:40

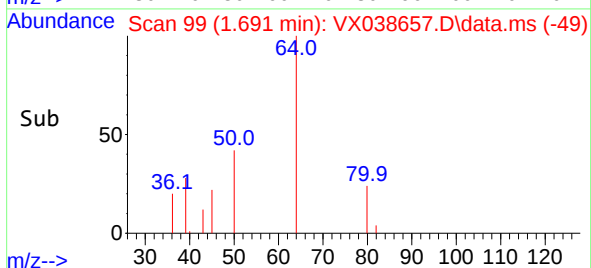
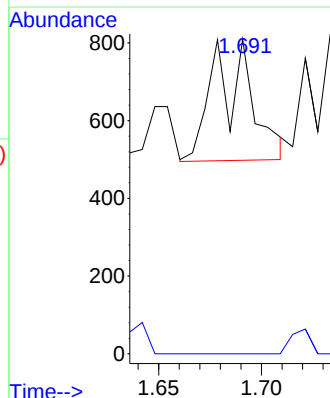
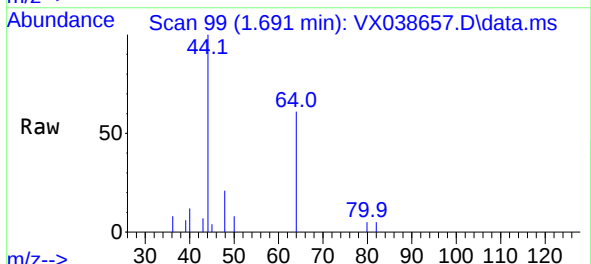
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-02D-20231101RE

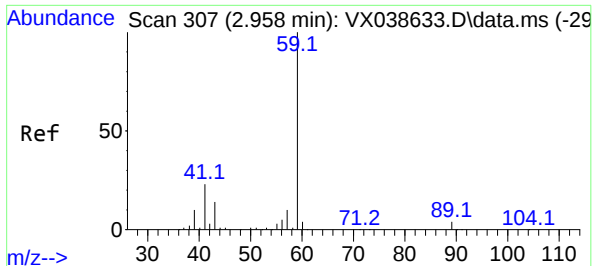
Tgt Ion:168 Resp: 279908
Ion Ratio Lower Upper
168 100
99 52.4 56.6 85.0#



#6
Chloroethane
Concen: 0.236 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.007 min
Lab File: VX038657.D
Acq: 08 Nov 2023 15:40

Tgt Ion: 64 Resp: 399
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.432 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX038657.D

Acq: 08 Nov 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

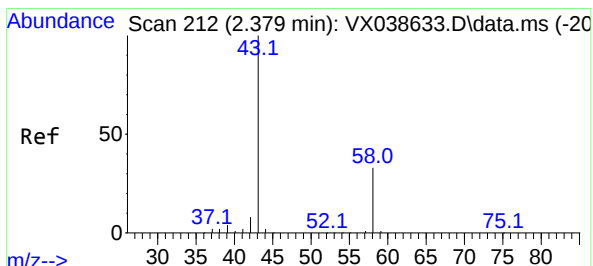
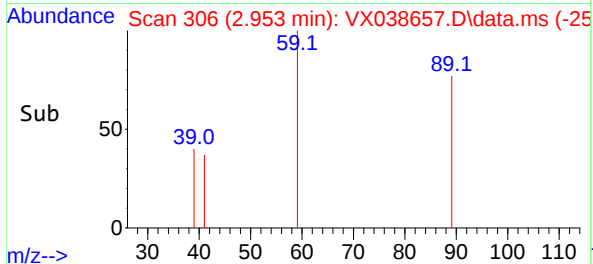
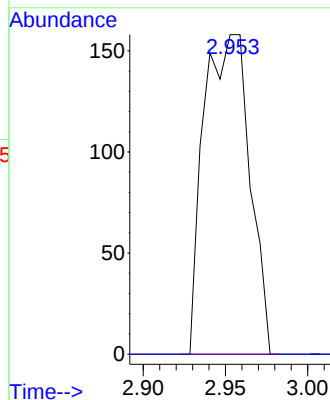
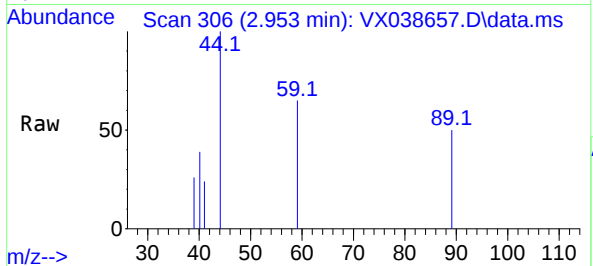
FSND-MW-EVAL-02D-20231101RE

Tgt Ion: 59 Resp: 308

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 2.176 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX038657.D

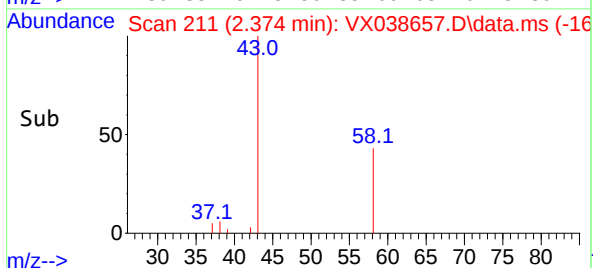
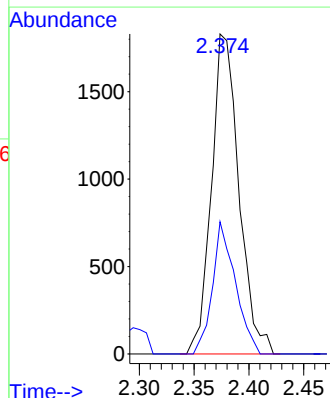
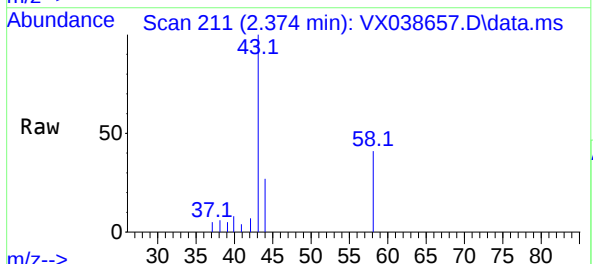
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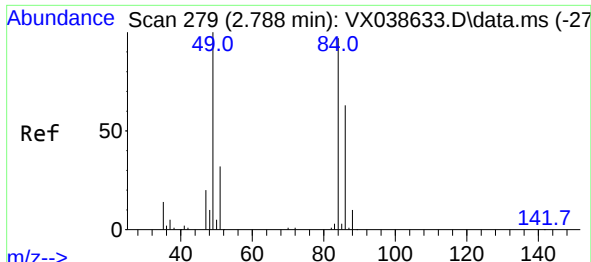
Tgt Ion: 43 Resp: 3194

Ion Ratio Lower Upper

43 100

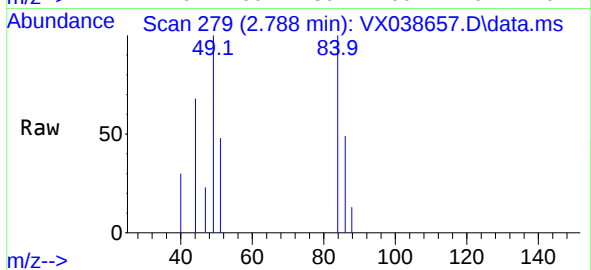
58 41.3 21.9 32.9#





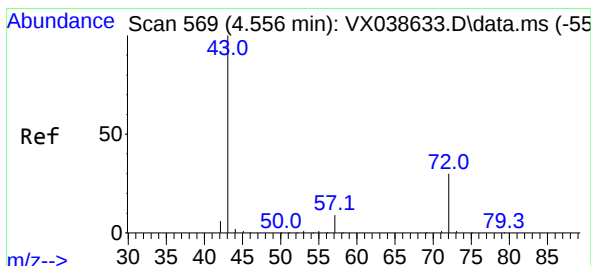
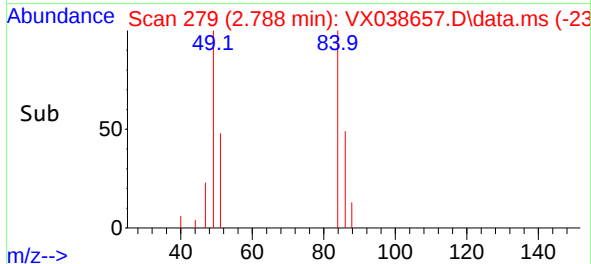
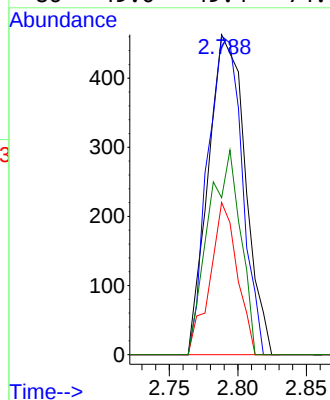
#20
Methylene Chloride
Concen: 0.294 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038657.D
Acq: 08 Nov 2023 15:40

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-02D-20231101RE



Tgt Ion: 84 Resp: 869

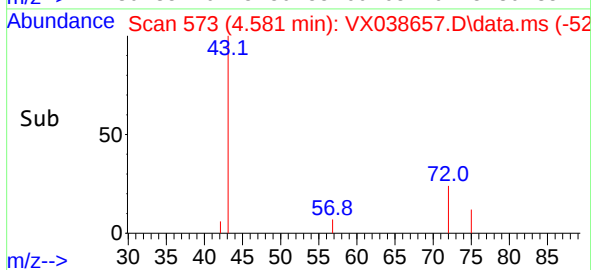
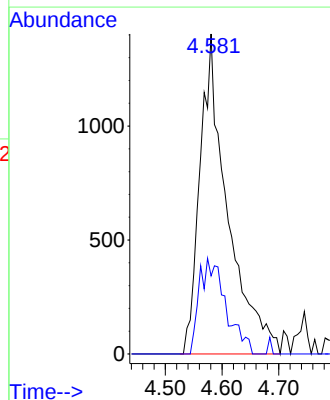
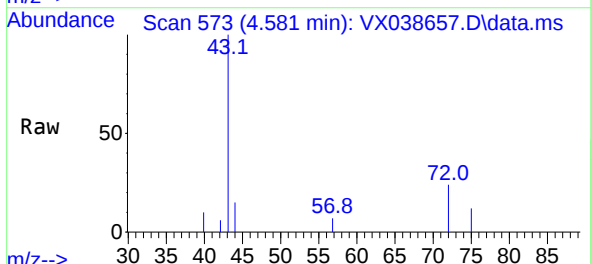
Ion	Ratio	Lower	Upper
84	100		
49	99.6	103.6	155.4#
51	47.5	33.8	50.6
86	49.0	49.4	74.0#

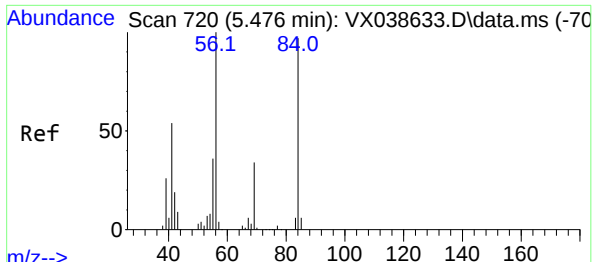


#25
2-Butanone
Concen: 2.223 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.025 min
Lab File: VX038657.D
Acq: 08 Nov 2023 15:40

Tgt Ion: 43 Resp: 4726

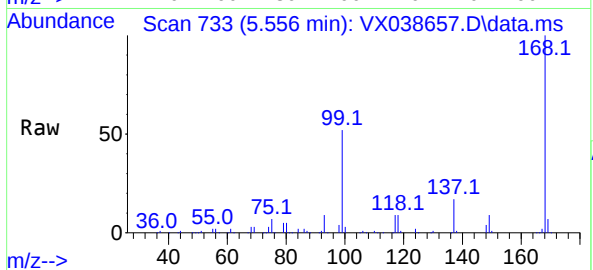
Ion	Ratio	Lower	Upper
43	100		
72	24.4	19.4	29.2



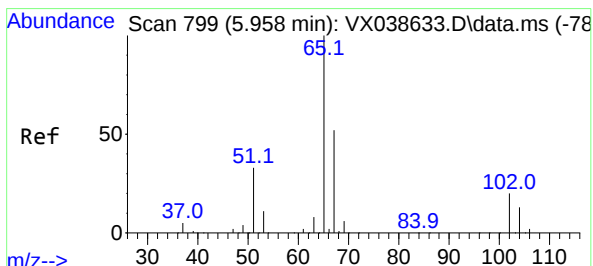
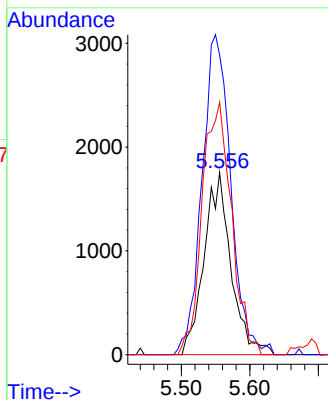
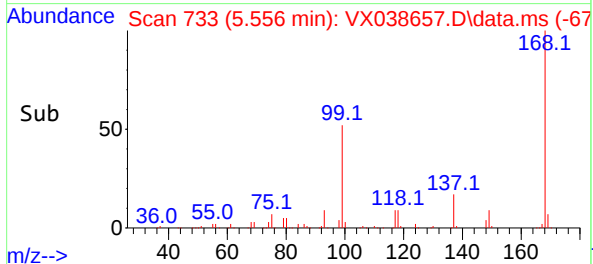


#31
Cyclohexane
Concen: 1.240 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.080 min
Lab File: VX038657.D
Acq: 08 Nov 2023 15:40

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FSND-MW-EVAL-02D-20231101RE

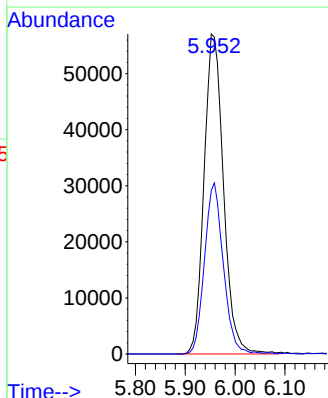
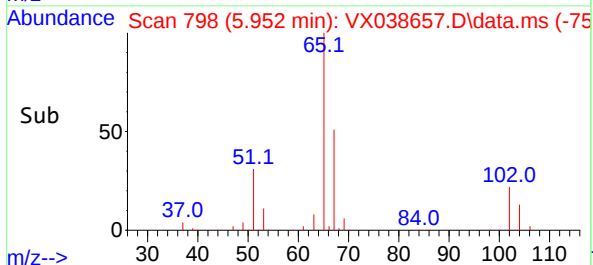
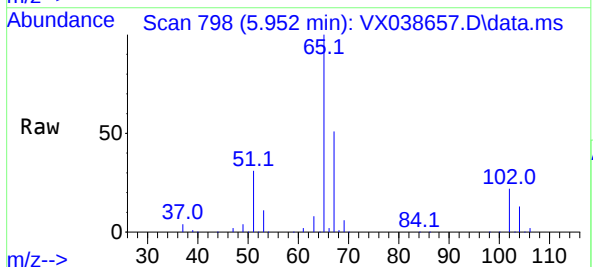


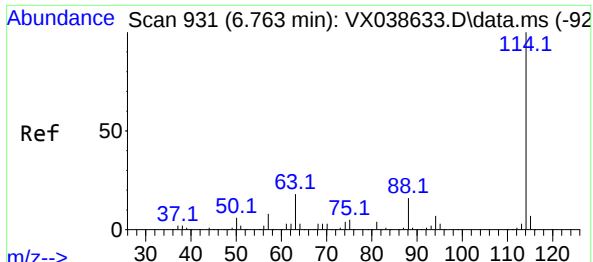
Tgt Ion: 56 Resp: 4783
Ion Ratio Lower Upper
56 100
69 164.4 23.4 35.2#
84 138.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.323 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038657.D
Acq: 08 Nov 2023 15:40

Tgt Ion: 65 Resp: 154454
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

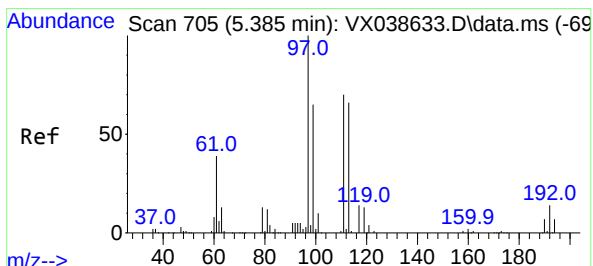
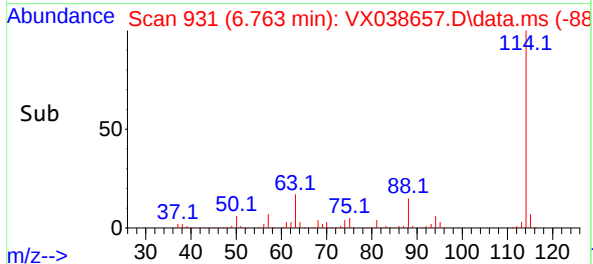
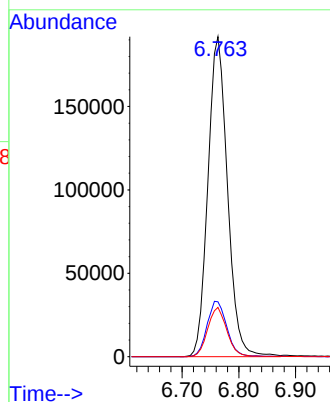
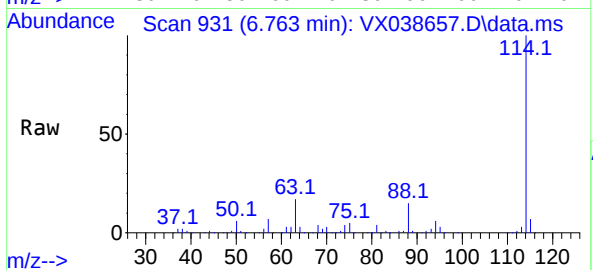




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038657.D
Acq: 08 Nov 2023 15:40

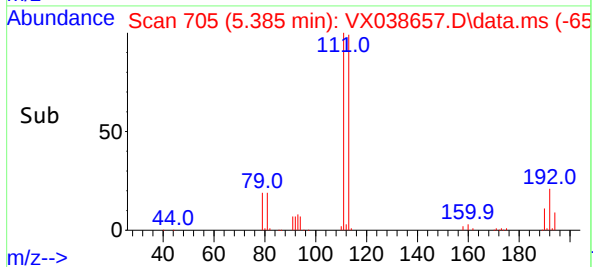
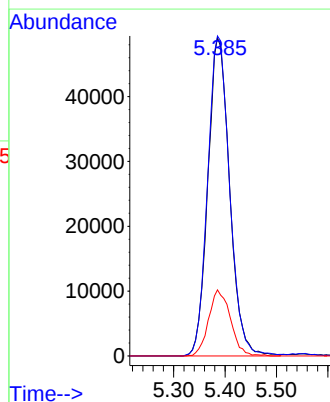
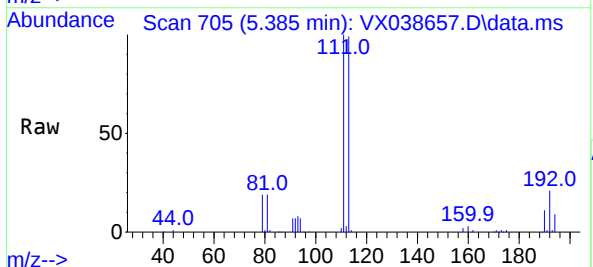
Instrument : MSVOA_X
ClientSampleId : FSND-MW-EVAL-02D-20231101RE

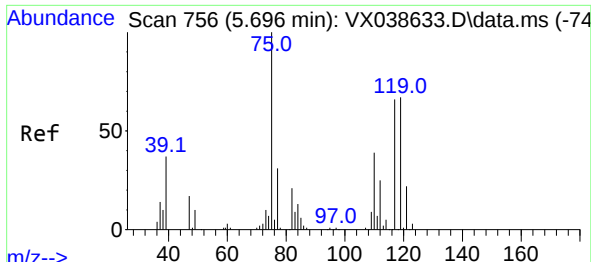
Tgt Ion:114 Resp: 459695
Ion Ratio Lower Upper
114 100
63 17.2 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.581 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038657.D
Acq: 08 Nov 2023 15:40

Tgt Ion:113 Resp: 144292
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 20.9 13.3 19.9#

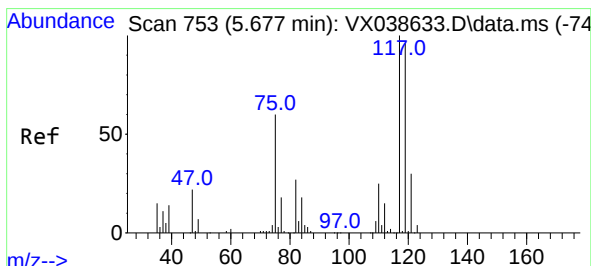
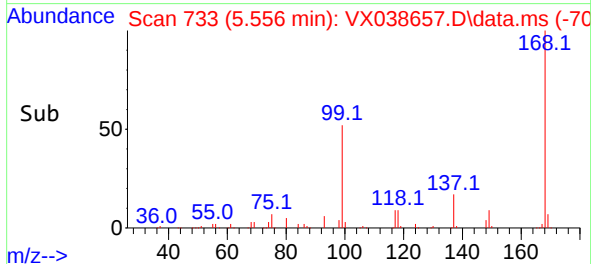
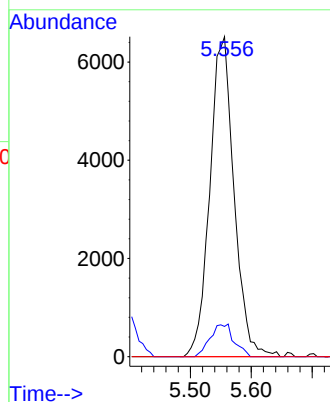
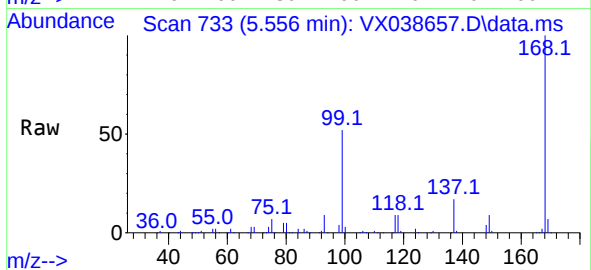




#36
1,1-Dichloropropene
Concen: 4.374 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX038657.D
Acq: 08 Nov 2023 15:40

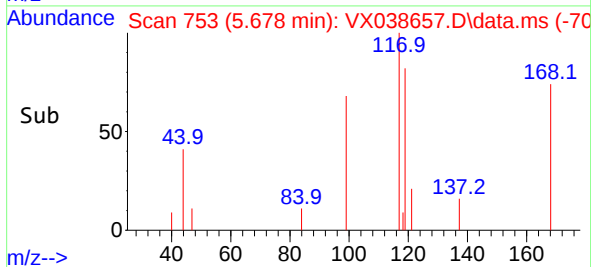
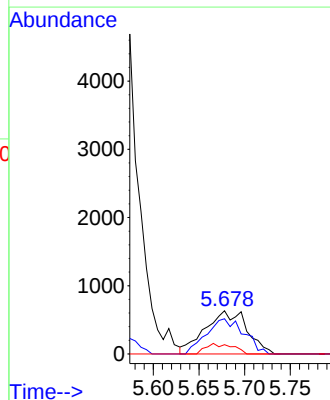
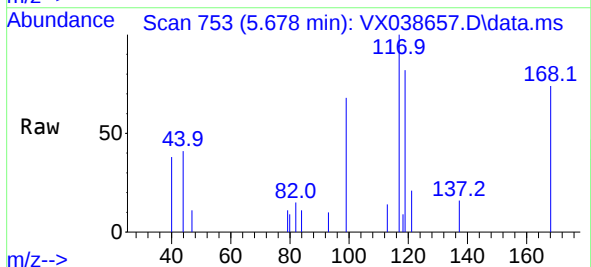
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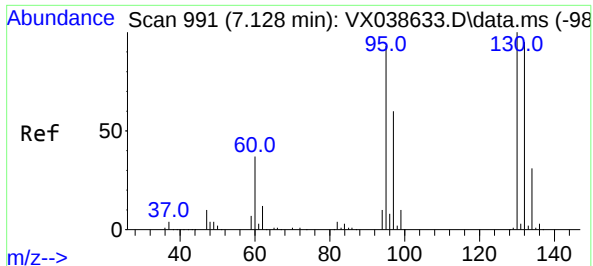
Tgt Ion: 75 Resp: 17989
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 0.438 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX038657.D
Acq: 08 Nov 2023 15:40

Tgt Ion: 117 Resp: 2014
Ion Ratio Lower Upper
117 100
119 81.5 78.2 117.2
121 21.3 24.4 36.6#

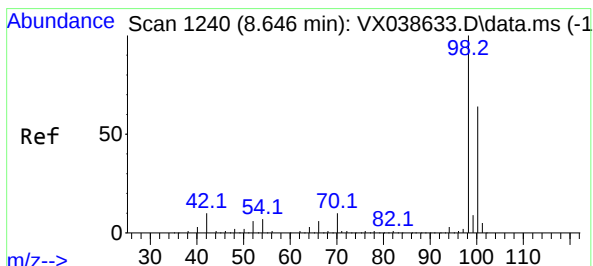
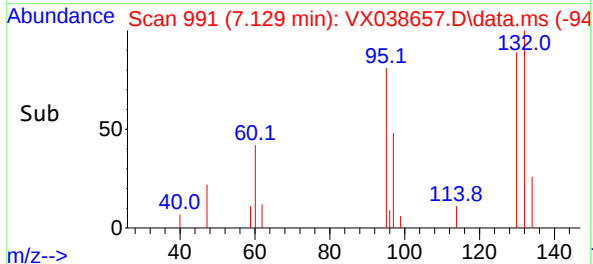
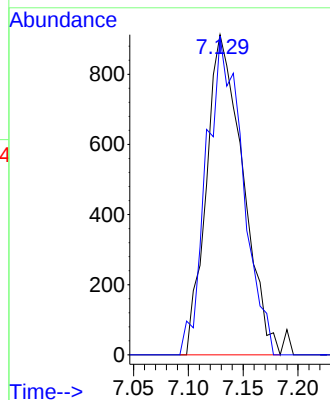
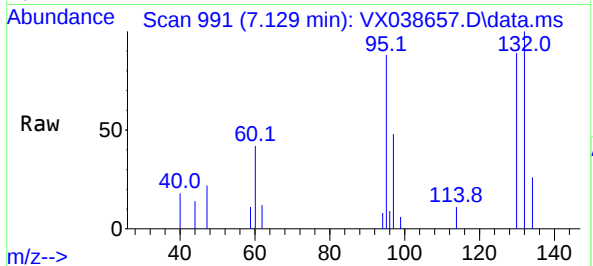




#44
Trichloroethene
Concen: 0.574 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038657.D
Acq: 08 Nov 2023 15:40

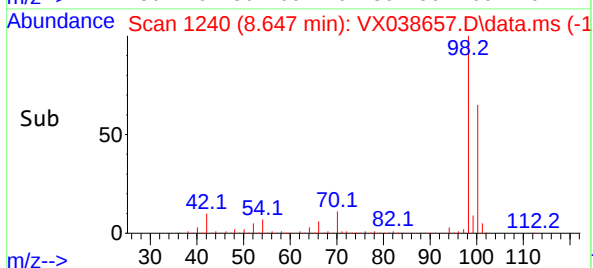
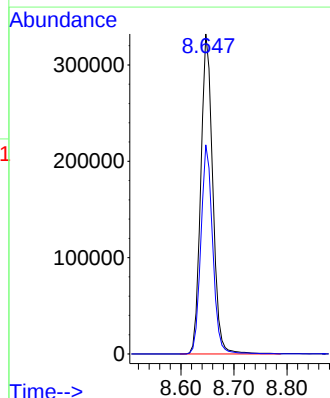
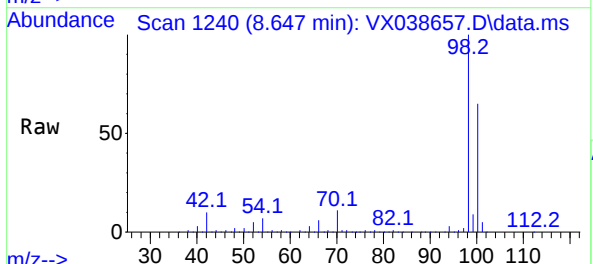
Instrument : MSVOA_X
ClientSampleId : FSND-MW-EVAL-02D-20231101RE

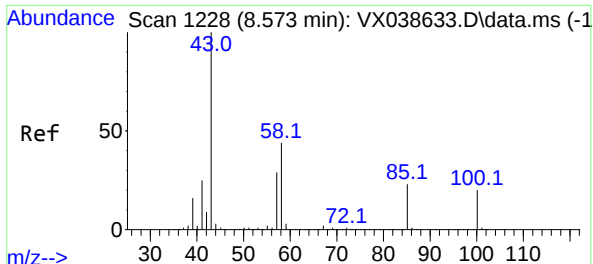
Tgt Ion:130 Resp: 2114
Ion Ratio Lower Upper
130 100
95 99.6 0.0 204.4



#50
Toluene-d8
Concen: 43.888 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038657.D
Acq: 08 Nov 2023 15:40

Tgt Ion: 98 Resp: 519967
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7

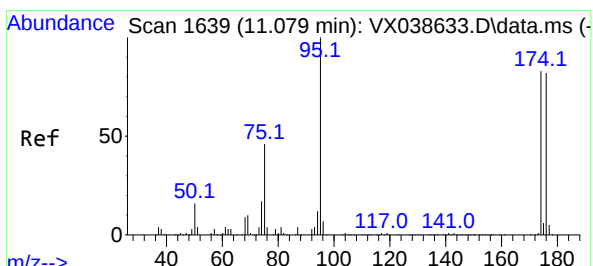
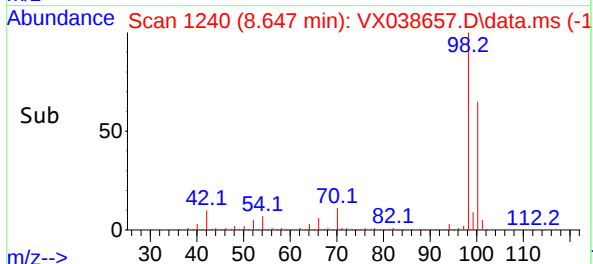
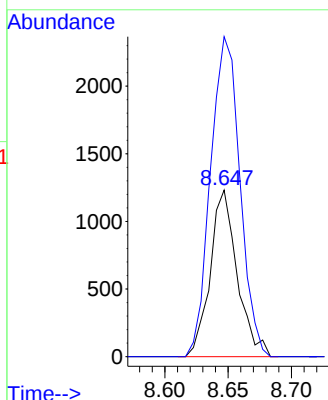
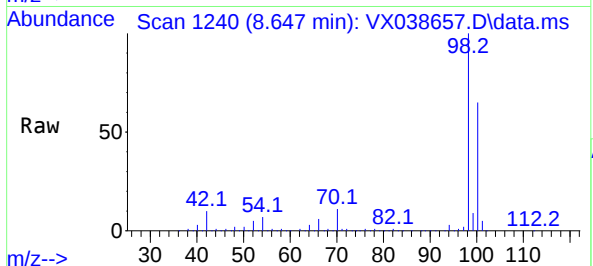




#51
4-Methyl-2-Pentanone
Concen: 0.434 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX038657.D
Acq: 08 Nov 2023 15:40

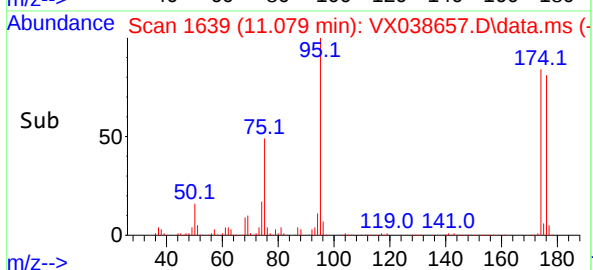
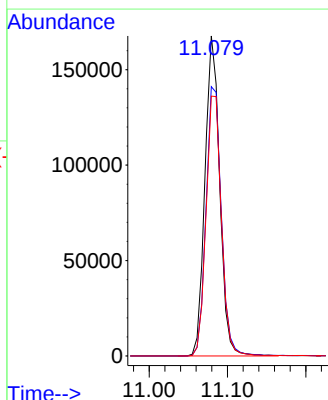
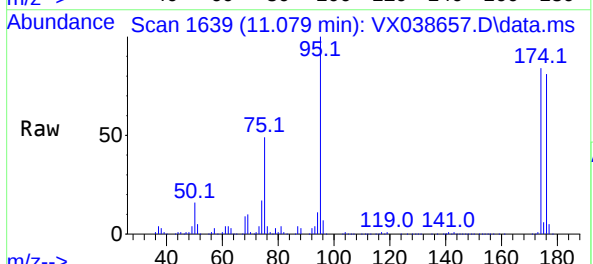
Instrument : MSVOA_X
ClientSampleId : FSND-MW-EVAL-02D-20231101RE

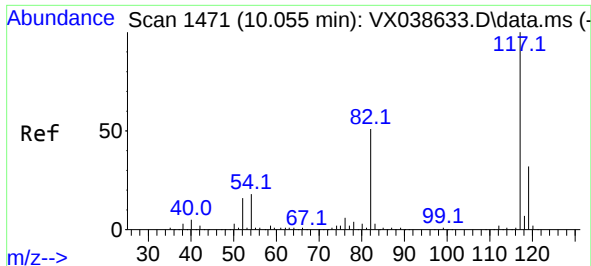
Tgt Ion: 43 Resp: 1827
Ion Ratio Lower Upper
43 100
58 209.5 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 47.700 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038657.D
Acq: 08 Nov 2023 15:40

Tgt Ion: 95 Resp: 219107
Ion Ratio Lower Upper
95 100
174 87.3 0.0 135.6
176 84.8 0.0 131.0

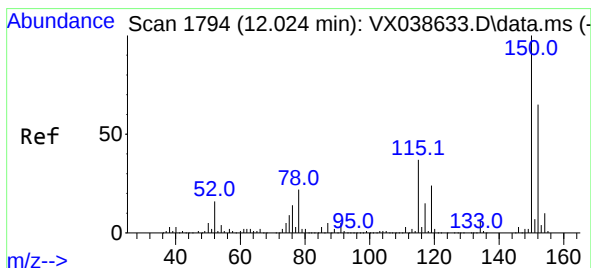
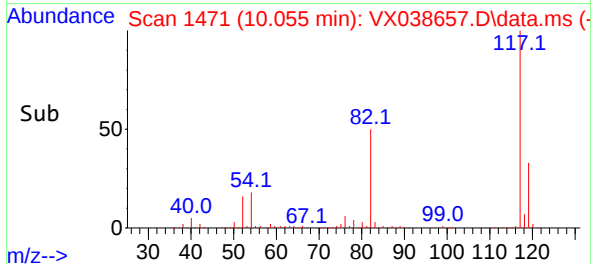
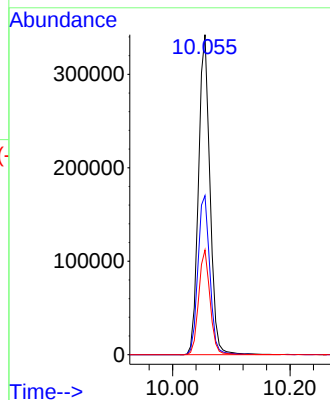
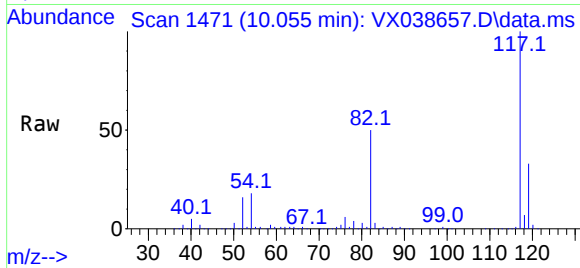




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038657.D
Acq: 08 Nov 2023 15:40

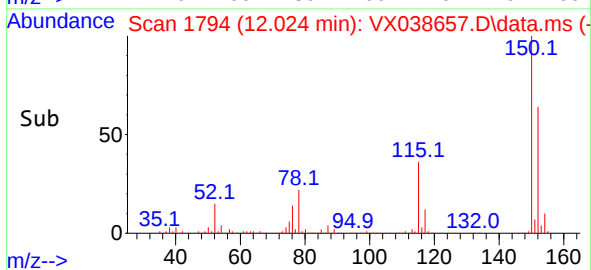
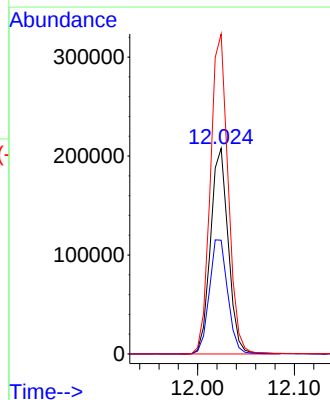
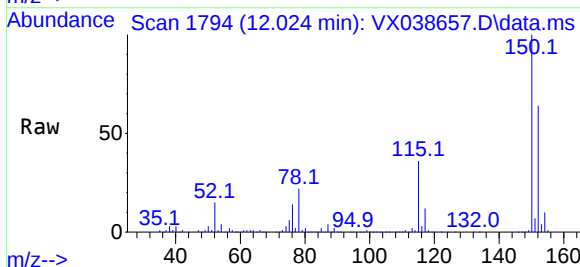
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-02D-20231101RE

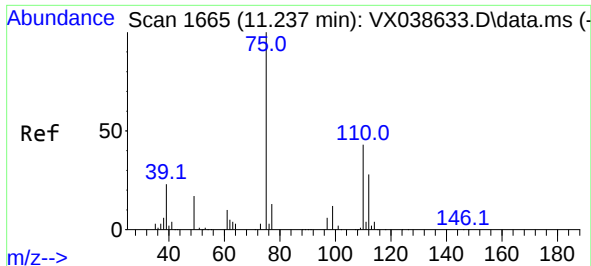
Tgt Ion:117 Resp: 464455
Ion Ratio Lower Upper
117 100
82 49.7 46.2 69.4
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038657.D
Acq: 08 Nov 2023 15:40

Tgt Ion:152 Resp: 265705
Ion Ratio Lower Upper
152 100
115 57.6 43.3 129.9
150 156.3 0.0 345.0

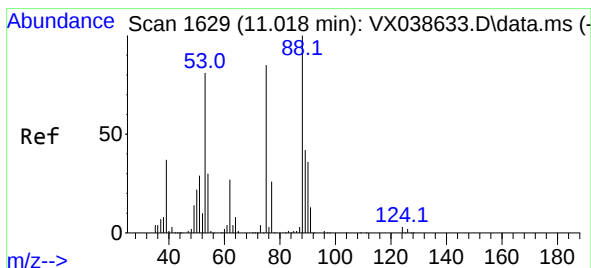
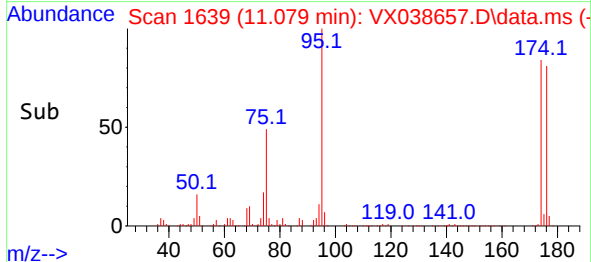
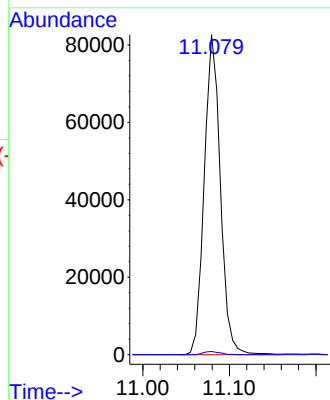
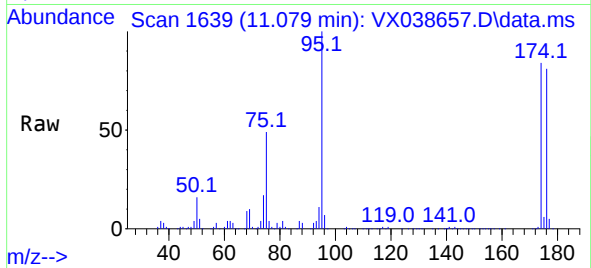




#76
1,2,3-Trichloropropane
Concen: 20.302 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038657.D
Acq: 08 Nov 2023 15:40

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-02D-20231101RE

Tgt Ion: 75 Resp: 106835
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.946 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038657.D
Acq: 08 Nov 2023 15:40

Tgt Ion: 75 Resp: 106835
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

