

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110823\
 Data File : VX038664.D
 Acq On : 08 Nov 2023 18:22
 Operator : JC/MD
 Sample : 05223-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-36-20231030

Quant Time: Nov 09 01:22:15 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)

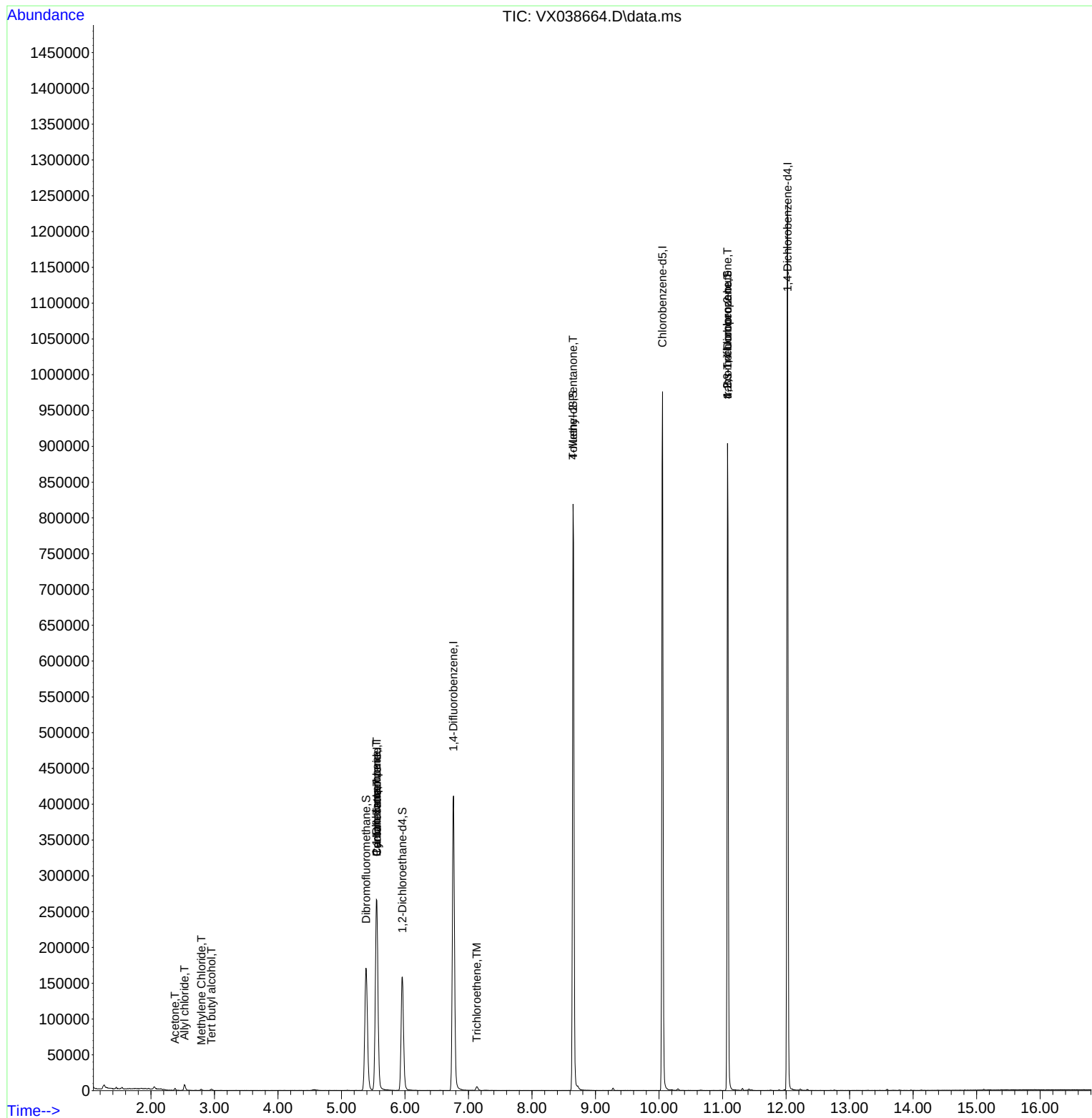
Internal Standards						
1) Pentafluorobenzene	5.556	168	276271	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	453257	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	478476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	288261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160514	46.668	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.340%
35) Dibromofluoromethane	5.385	113	155574	47.656	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.320%
50) Toluene-d8	8.647	98	526175	45.043	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.080%#
62) 4-Bromofluorobenzene	11.079	95	242362	53.512	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.020%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	1575	2.240	ug/l	# 87
14) Allyl chloride	2.526	41	868	0.235	ug/l	# 58
16) Acetone	2.380	43	2788	1.925	ug/l	# 80
20) Methylene Chloride	2.794	84	973	0.333	ug/l	# 72
31) Cyclohexane	5.556	56	4605	1.210	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	18299	4.513	ug/l	# 52
38) Carbon Tetrachloride	5.556	117	26275	5.796	ug/l	# 15
44) Trichloroethene	7.129	130	2499	0.688	ug/l	91
51) 4-Methyl-2-Pentanone	8.647	43	1743	0.420	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	117495	20.581	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	117495	62.701	ug/l	# 5

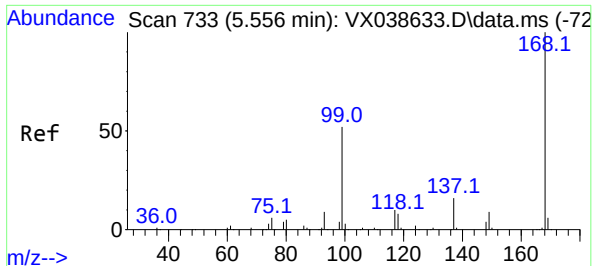
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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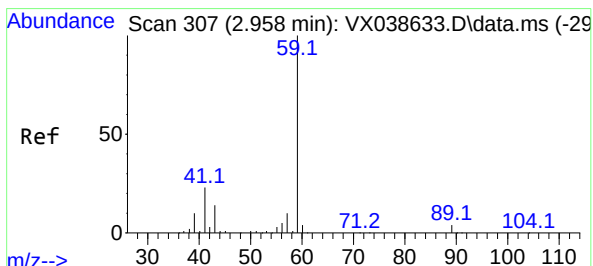
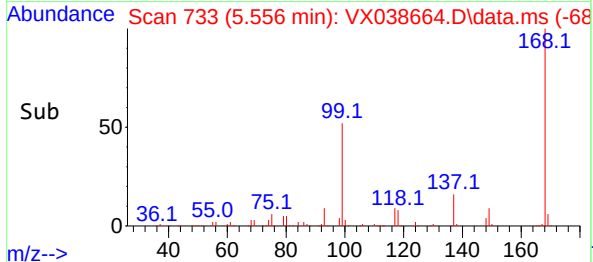
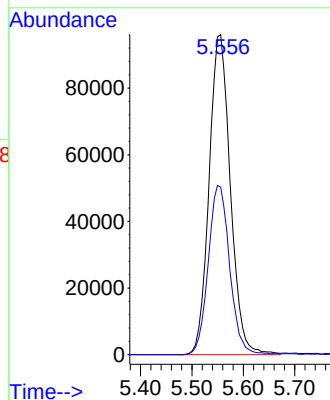
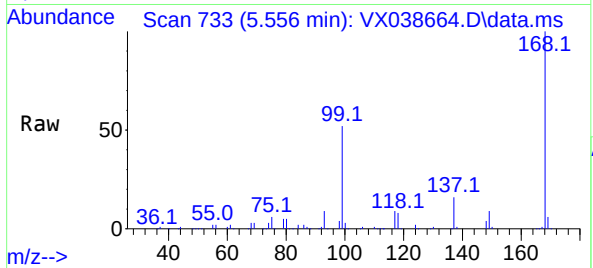




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038664.D
Acq: 08 Nov 2023 18:22

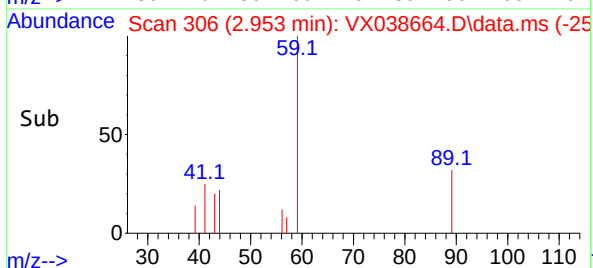
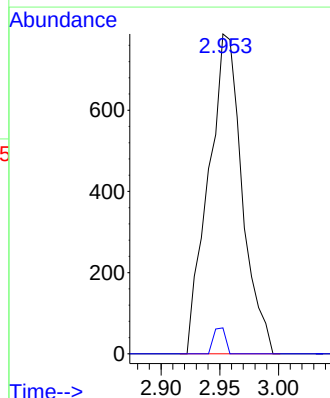
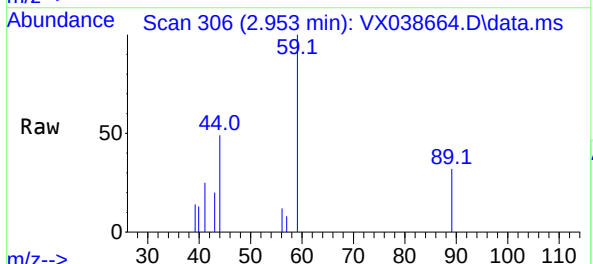
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-36-20231030

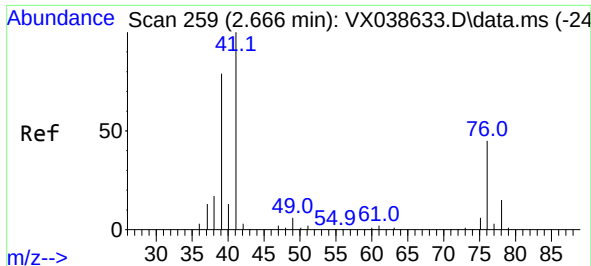
Tgt Ion:168 Resp: 276271
Ion Ratio Lower Upper
168 100
99 52.3 56.6 85.0#



#11
Tert butyl alcohol
Concen: 2.240 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038664.D
Acq: 08 Nov 2023 18:22

Tgt Ion: 59 Resp: 1575
Ion Ratio Lower Upper
59 100
57 2.9 6.0 9.0#

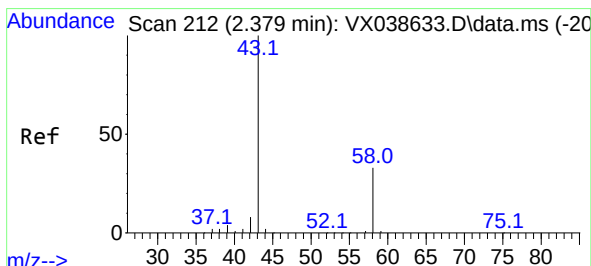
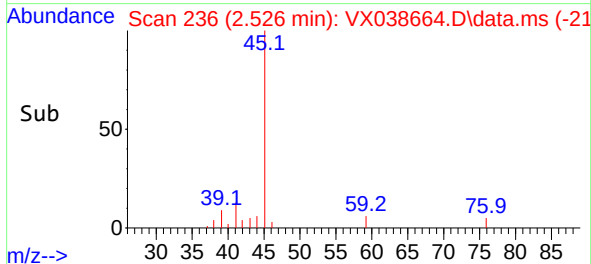
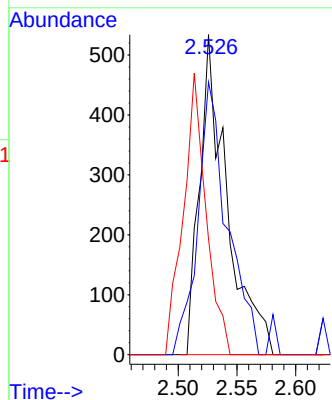
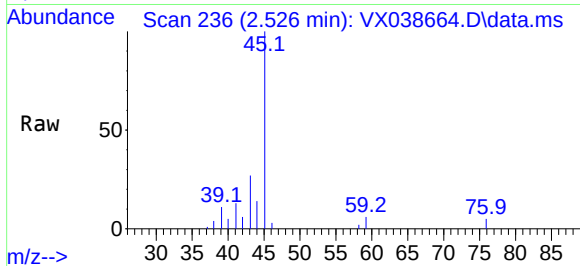




#14
 Allyl chloride
 Concen: 0.235 ug/l
 RT: 2.526 min Scan# 21
 Delta R.T. -0.140 min
 Lab File: VX038664.D
 Acq: 08 Nov 2023 18:22

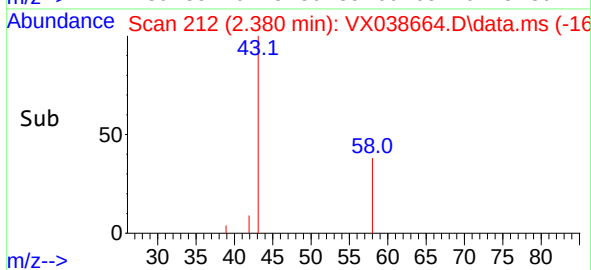
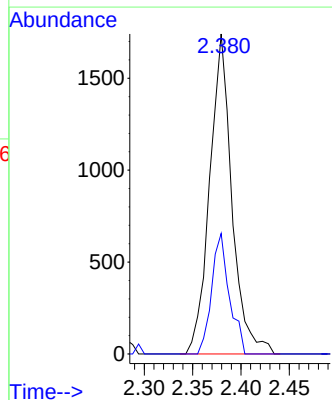
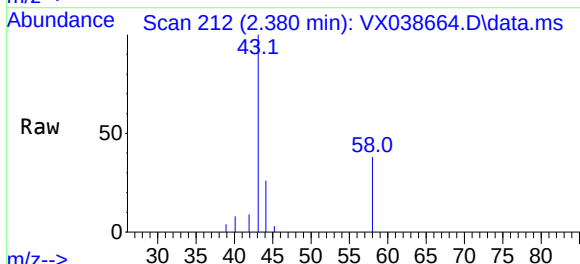
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-36-20231030

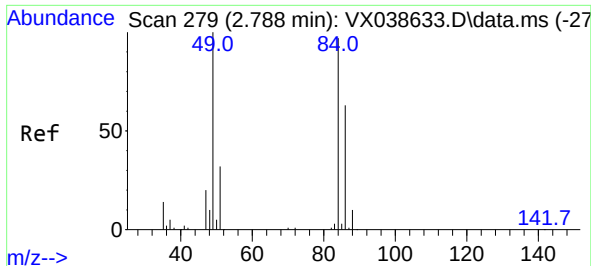
Tgt Ion: 41 Resp: 868
 Ion Ratio Lower Upper
 41 100
 39 91.7 55.8 83.6#
 76 73.0 24.3 36.5#



#16
 Acetone
 Concen: 1.925 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VX038664.D
 Acq: 08 Nov 2023 18:22

Tgt Ion: 43 Resp: 2788
 Ion Ratio Lower Upper
 43 100
 58 37.7 21.9 32.9#





#20

Methylene Chloride

Concen: 0.333 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX038664.D

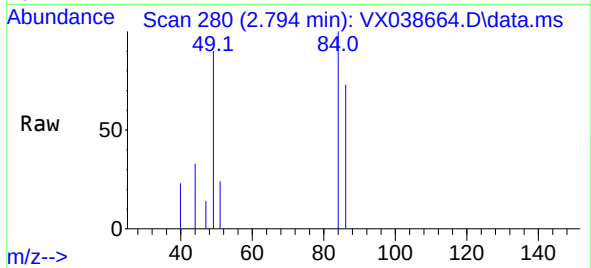
Acq: 08 Nov 2023 18:22

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-36-20231030



Tgt Ion: 84 Resp: 973

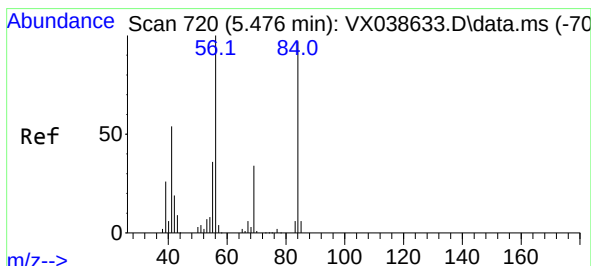
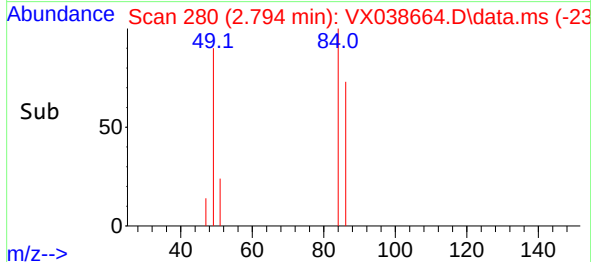
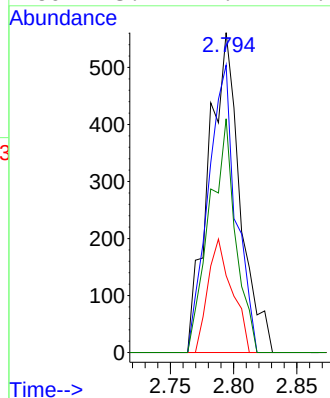
Ion Ratio Lower Upper

84 100

49 89.8 103.6 155.4#

51 24.1 33.8 50.6#

86 73.1 49.4 74.0



#31

Cyclohexane

Concen: 1.210 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.080 min

Lab File: VX038664.D

Acq: 08 Nov 2023 18:22

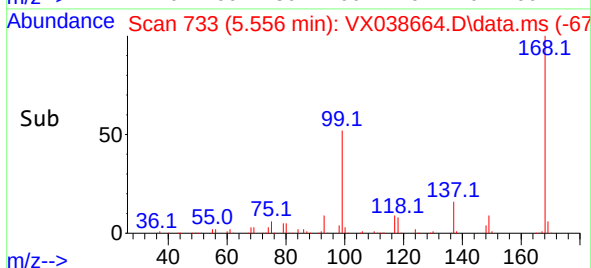
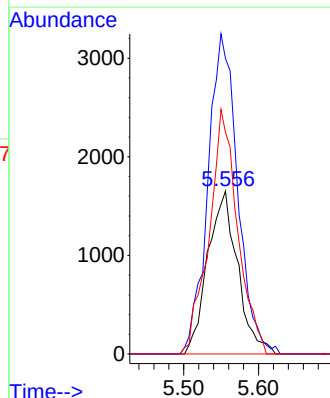
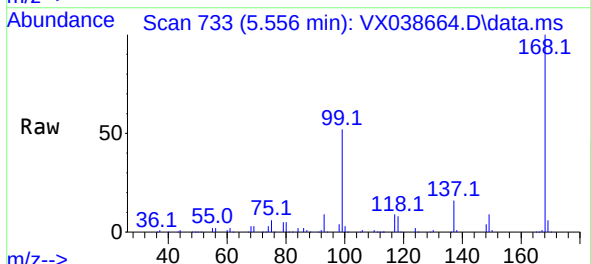
Tgt Ion: 56 Resp: 4605

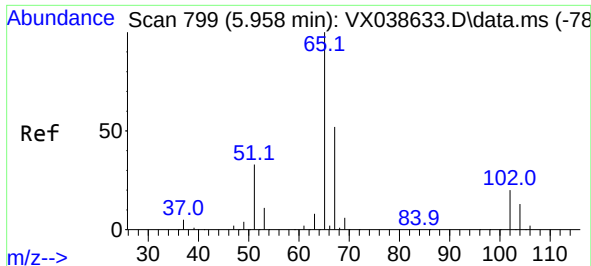
Ion Ratio Lower Upper

56 100

69 181.2 23.4 35.2#

84 135.9 65.9 98.9#

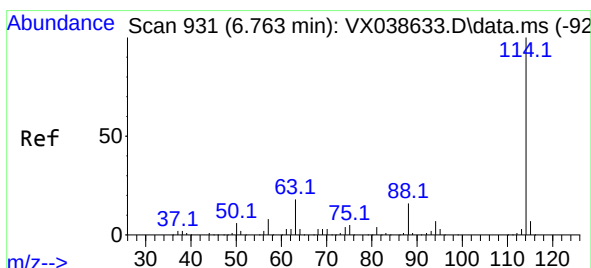
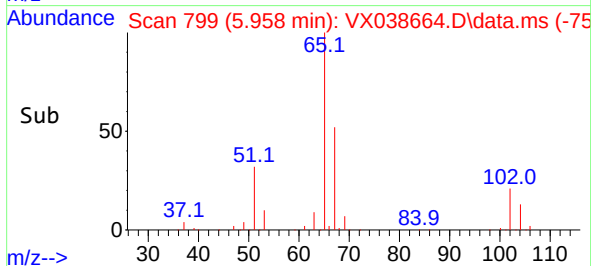
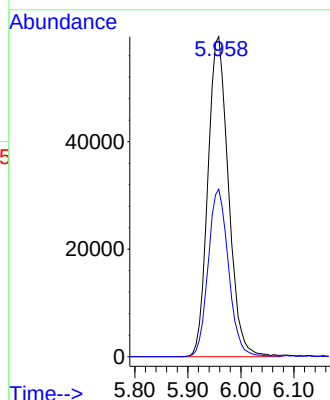
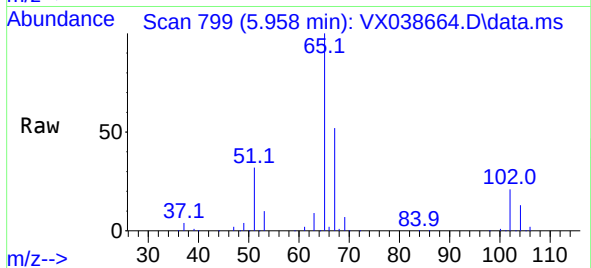




#33
1,2-Dichloroethane-d4
Concen: 46.668 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038664.D
Acq: 08 Nov 2023 18:22

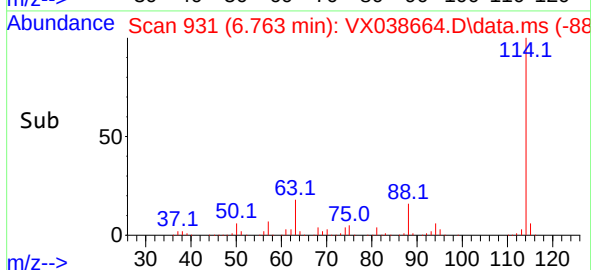
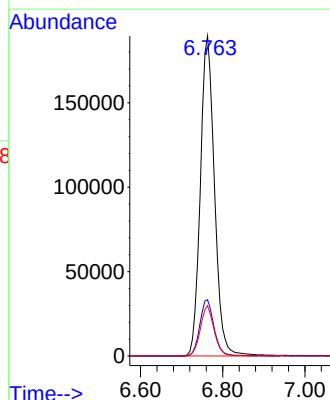
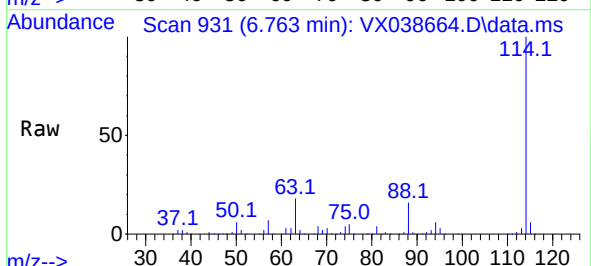
Instrument :
MSVOA_X
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FSND-MW-36-20231030

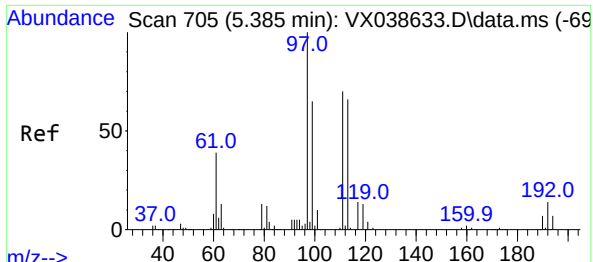
Tgt Ion: 65 Resp: 160514
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038664.D
Acq: 08 Nov 2023 18:22

Tgt Ion: 114 Resp: 453257
Ion Ratio Lower Upper
114 100
63 17.6 0.0 45.0
88 15.7 0.0 36.6

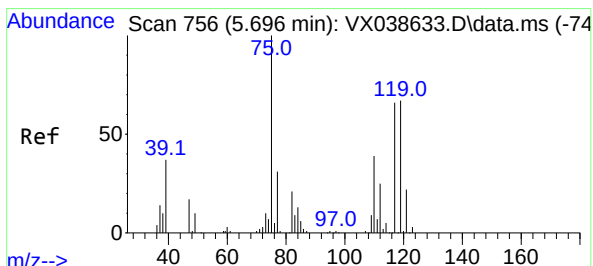
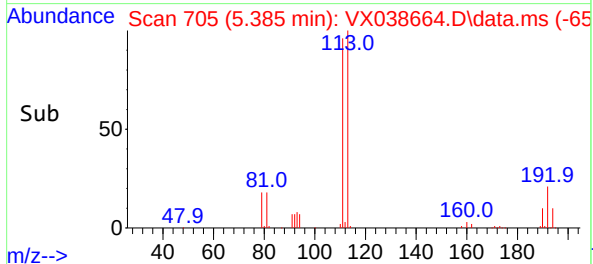
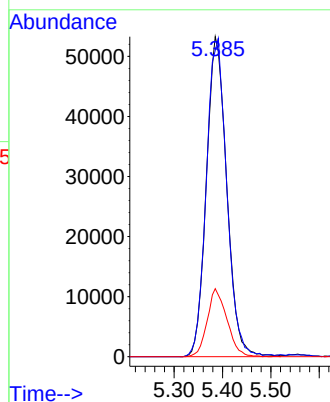
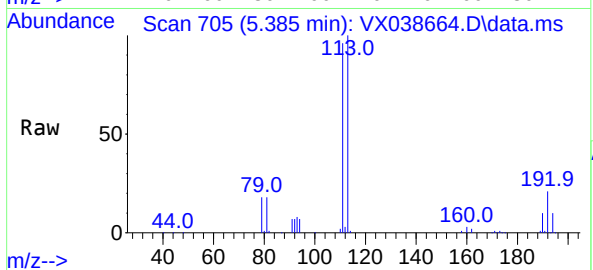




#35
Dibromofluoromethane
Concen: 47.656 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038664.D
Acq: 08 Nov 2023 18:22

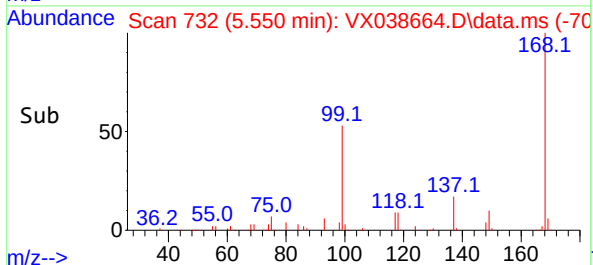
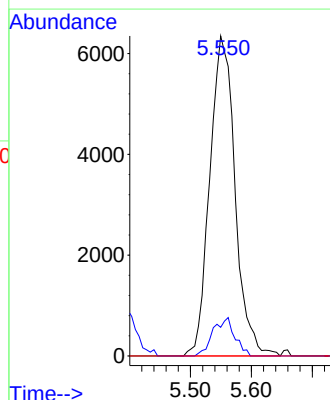
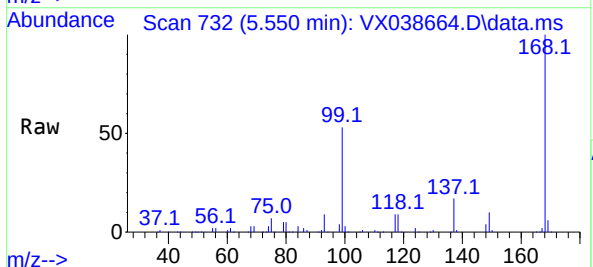
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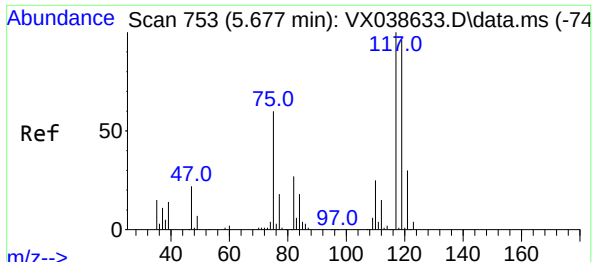
Tgt Ion:113 Resp: 155574
Ion Ratio Lower Upper
113 100
111 100.1 82.9 124.3
192 20.6 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.513 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX038664.D
Acq: 08 Nov 2023 18:22

Tgt Ion: 75 Resp: 18299
Ion Ratio Lower Upper
75 100
110 10.3 17.0 50.9#
77 0.0 24.7 37.1#

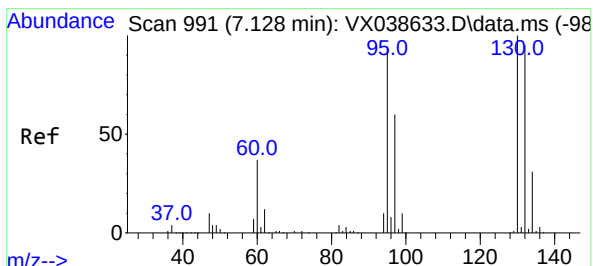
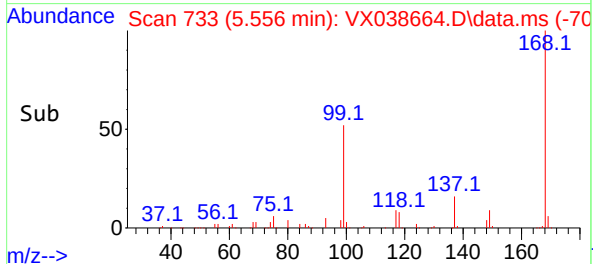
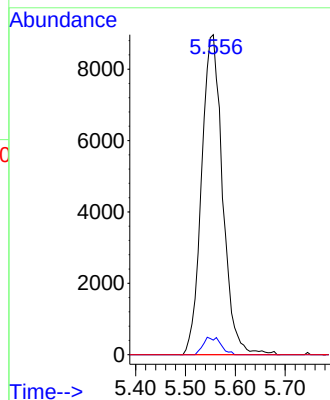
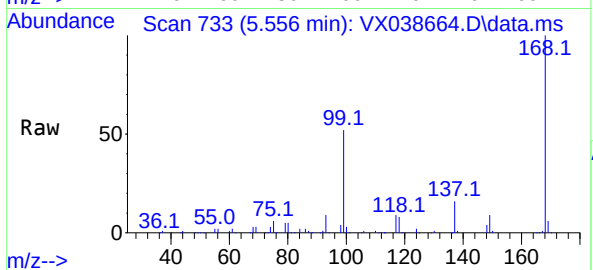




#38
Carbon Tetrachloride
Concen: 5.796 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX038664.D
Acq: 08 Nov 2023 18:22

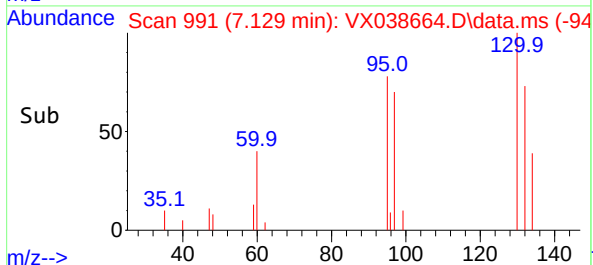
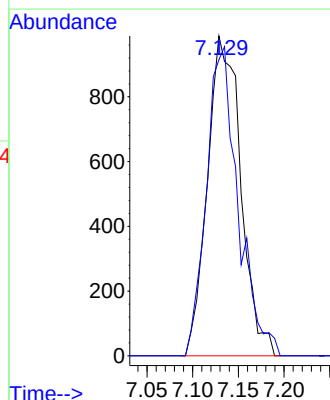
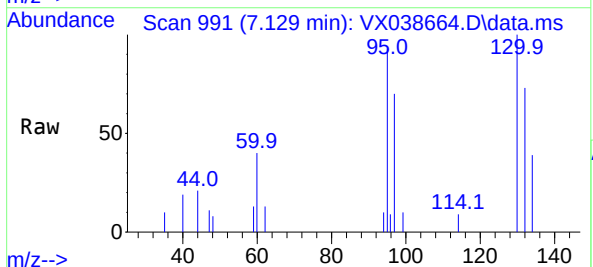
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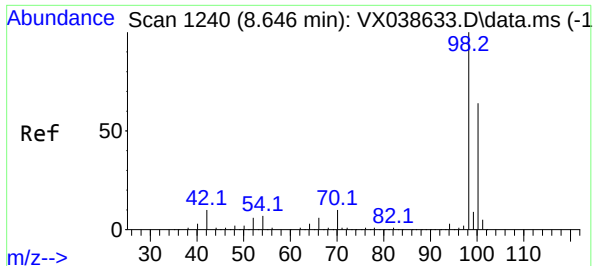
Tgt Ion:117 Resp: 26275
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.688 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038664.D
Acq: 08 Nov 2023 18:22

Tgt Ion:130 Resp: 2499
Ion Ratio Lower Upper
130 100
95 92.6 0.0 204.4

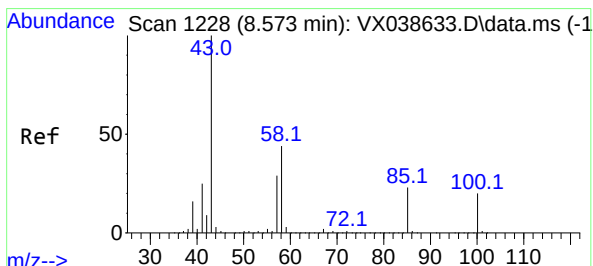
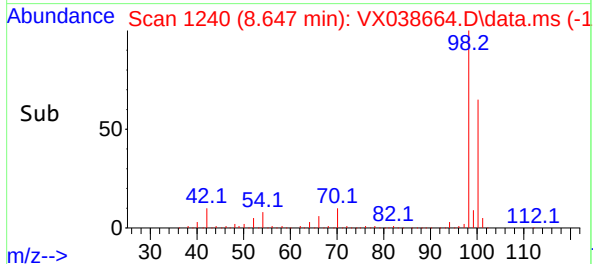
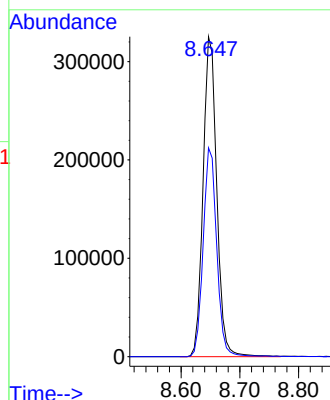
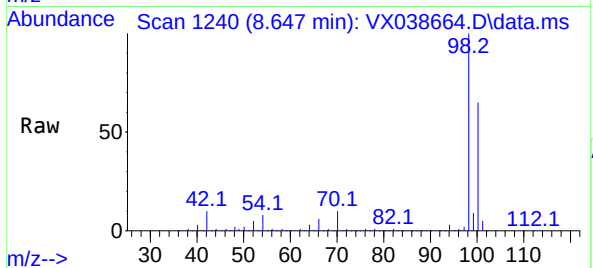




#50
Toluene-d8
Concen: 45.043 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038664.D
Acq: 08 Nov 2023 18:22

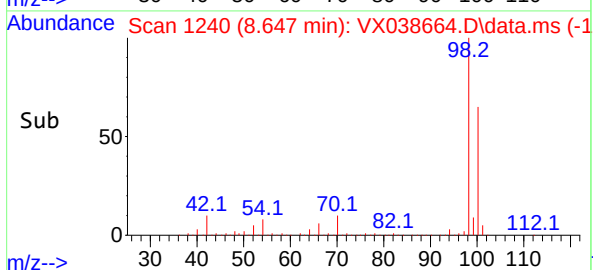
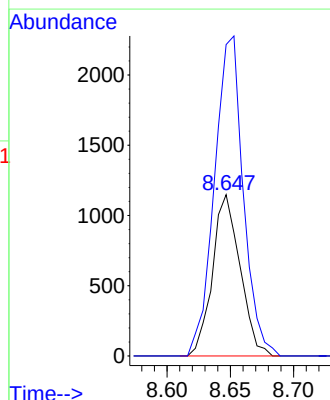
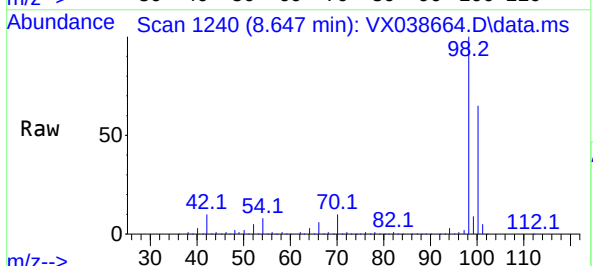
Instrument :
MSVOA_X
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FSND-MW-36-20231030

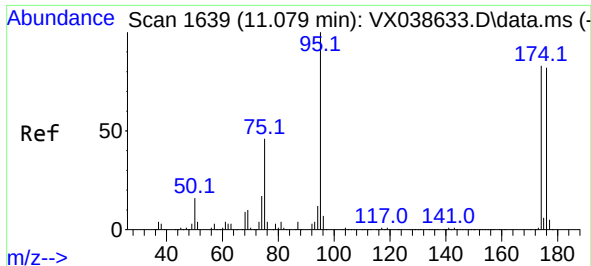
Tgt Ion: 98 Resp: 526175
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.420 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038664.D
Acq: 08 Nov 2023 18:22

Tgt Ion: 43 Resp: 1743
Ion Ratio Lower Upper
43 100
58 207.4 30.4 45.6#

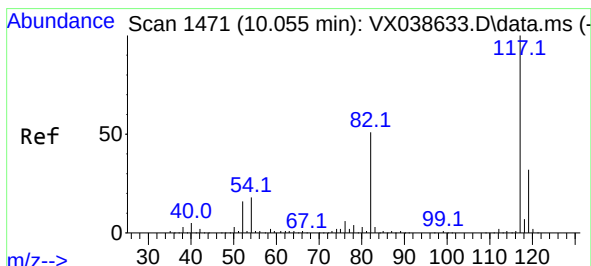
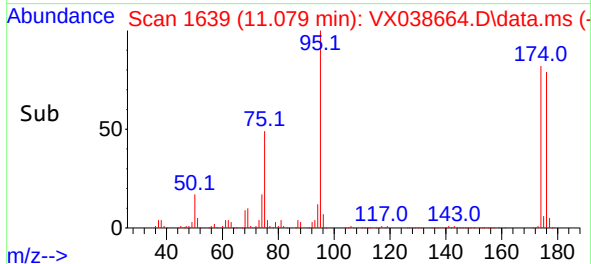
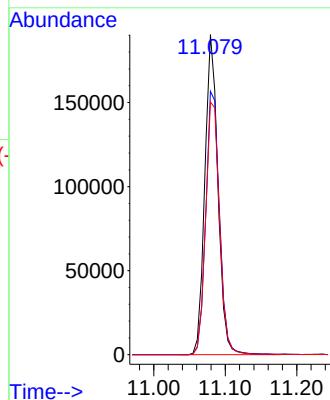
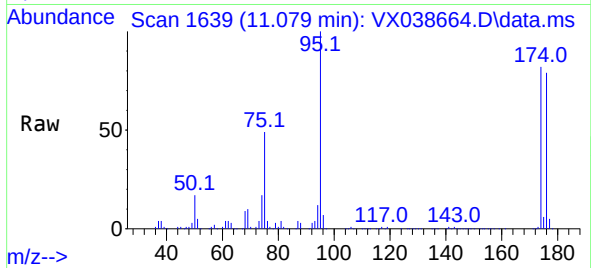




#62
4-Bromofluorobenzene
Concen: 53.512 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038664.D
Acq: 08 Nov 2023 18:22

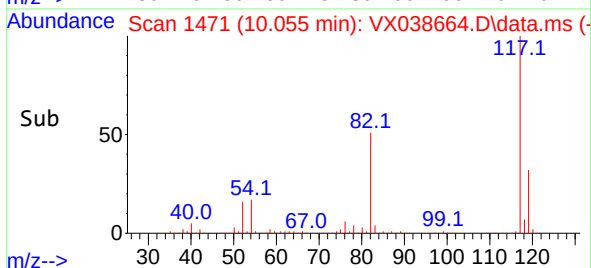
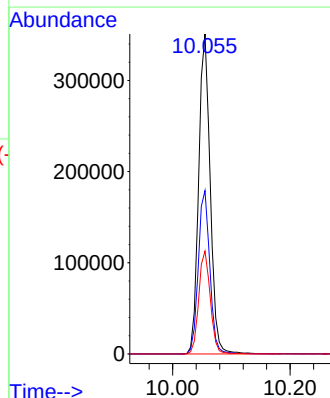
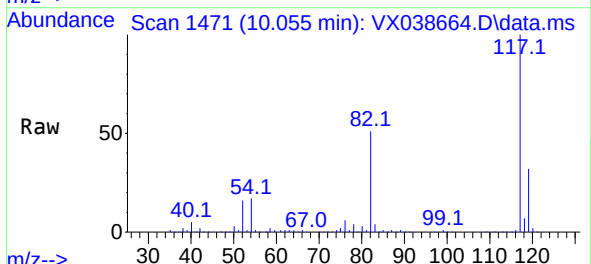
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-36-20231030

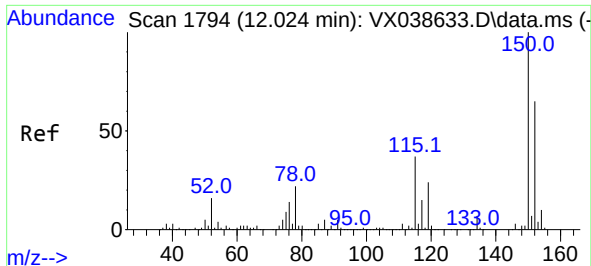
Tgt Ion: 95 Resp: 242362
Ion Ratio Lower Upper
95 100
174 86.5 0.0 135.6
176 84.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038664.D
Acq: 08 Nov 2023 18:22

Tgt Ion: 117 Resp: 478476
Ion Ratio Lower Upper
117 100
82 51.1 46.2 69.4
119 32.2 25.5 38.3

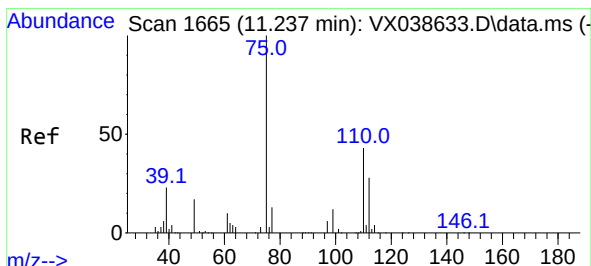
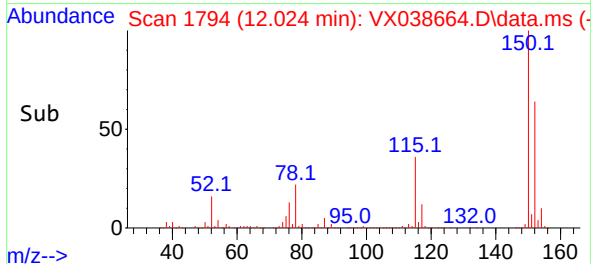
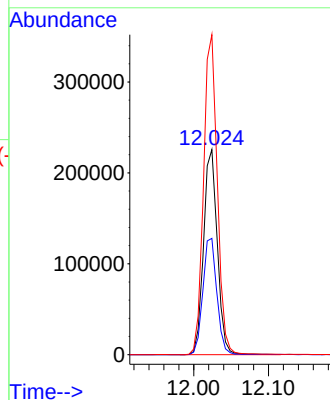
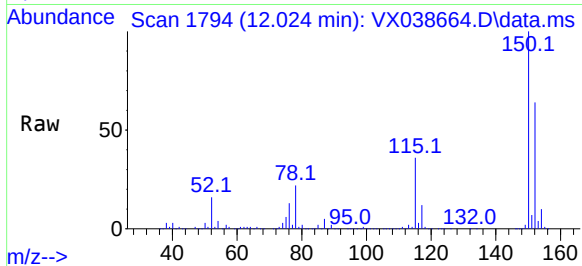




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038664.D
Acq: 08 Nov 2023 18:22

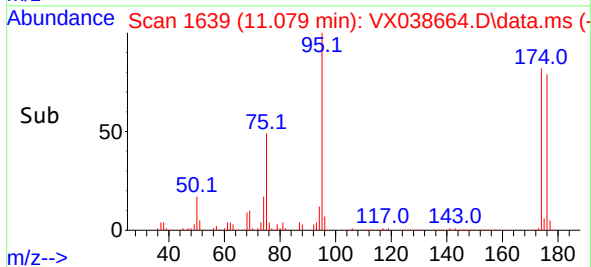
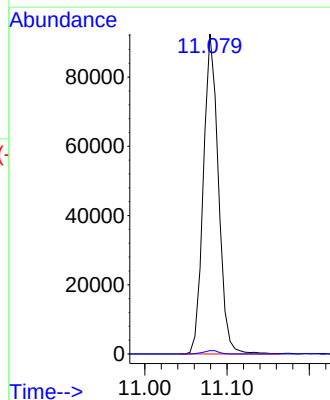
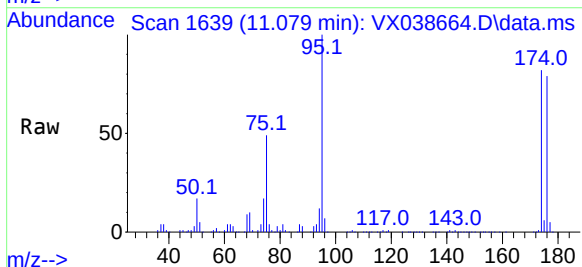
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-36-20231030

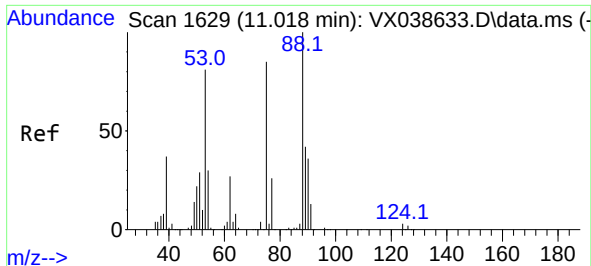
Tgt Ion:152 Resp: 288261
Ion Ratio Lower Upper
152 100
115 57.7 43.3 129.9
150 156.7 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 20.581 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038664.D
Acq: 08 Nov 2023 18:22

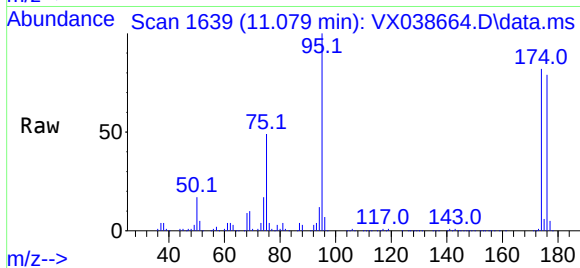
Tgt Ion: 75 Resp: 117495
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.701 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX038664.D
Acq: 08 Nov 2023 18:22

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-36-20231030



Tgt Ion: 75 Resp: 117495
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

