

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038726.D
 Acq On : 10 Nov 2023 14:15
 Operator : JC/MD
 Sample : 05241-13DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 11 01:53:58 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)

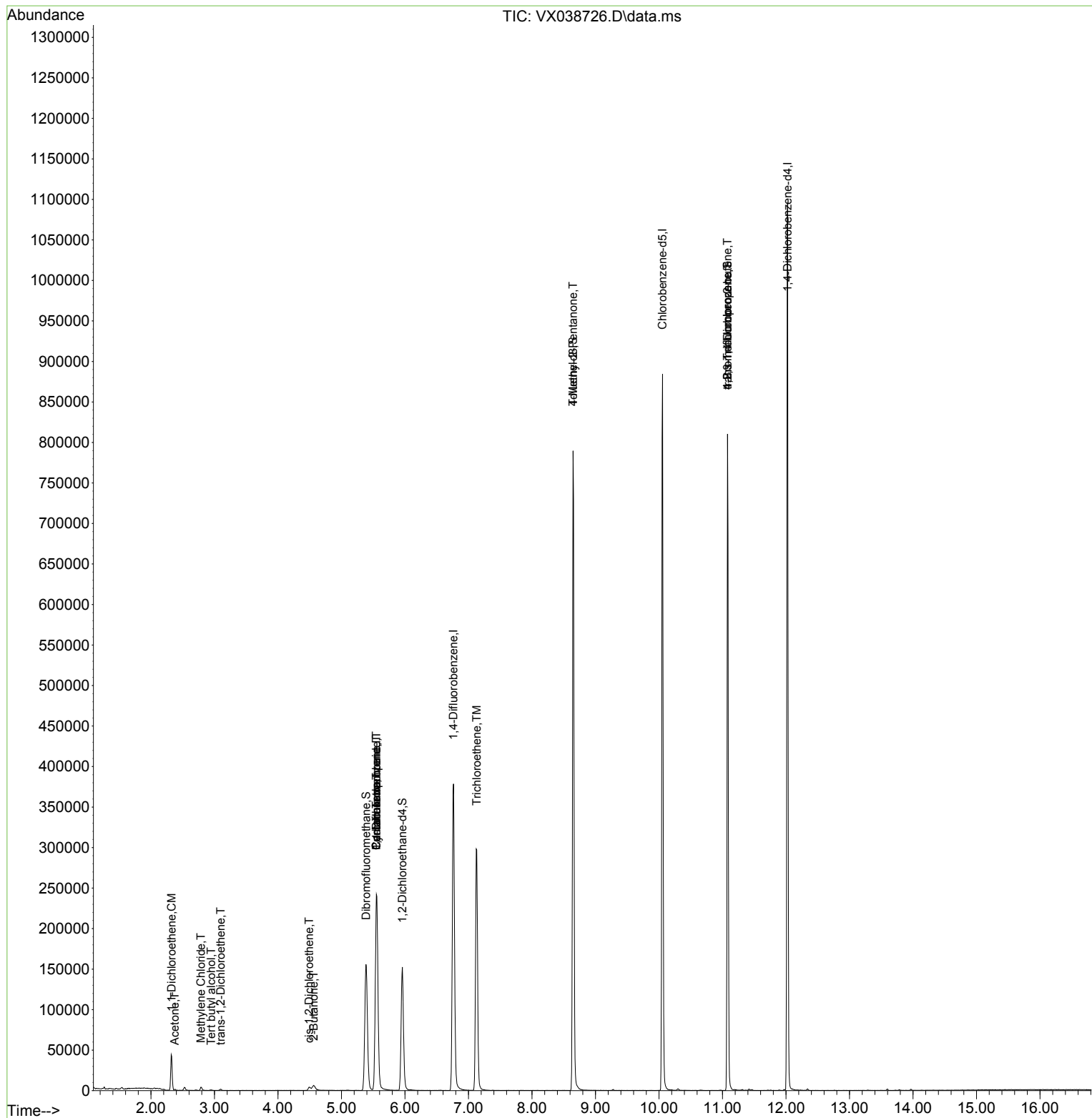
Internal Standards						
1) Pentafluorobenzene	5.550	168	255099	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	424094	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	445281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	256596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149659	47.123	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.240%
35) Dibromofluoromethane	5.385	113	140195	45.899	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.800%
50) Toluene-d8	8.647	98	507186	46.403	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.800%
62) 4-Bromofluorobenzene	11.079	95	216434	51.073	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.140%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.947	59	467	0.719	ug/l	# 78
12) 1,1-Dichloroethene	2.325	96	15784	6.630	ug/l	# 76
16) Acetone	2.374	43	1264	0.945	ug/l	# 72
20) Methylene Chloride	2.788	84	2230	0.827	ug/l	85
21) trans-1,2-Dichloroethene	3.099	96	717	0.277	ug/l	# 83
25) 2-Butanone	4.562	43	472	0.244	ug/l	# 51
27) cis-1,2-Dichloroethene	4.489	96	2972	0.993	ug/l	83
31) Cyclohexane	5.550	56	3793	1.079	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	16224	4.276	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	24564	5.791	ug/l	# 15
44) Trichloroethene	7.129	130	128856	37.896	ug/l	92
51) 4-Methyl-2-Pentanone	8.647	43	1614	0.416	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	104541	20.571	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	104541	62.676	ug/l	# 5

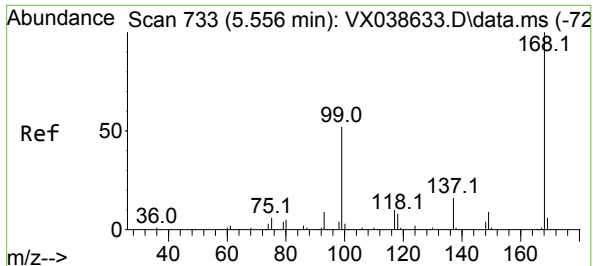
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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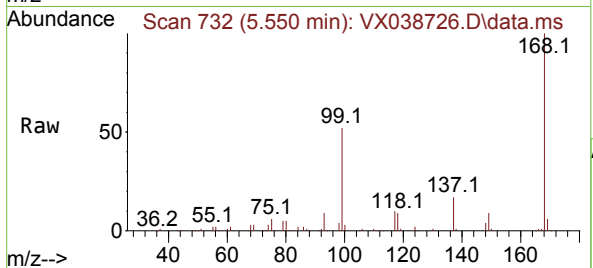


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038726.D
Acq: 10 Nov 2023 14:15

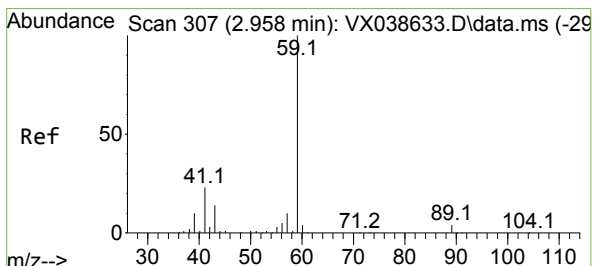
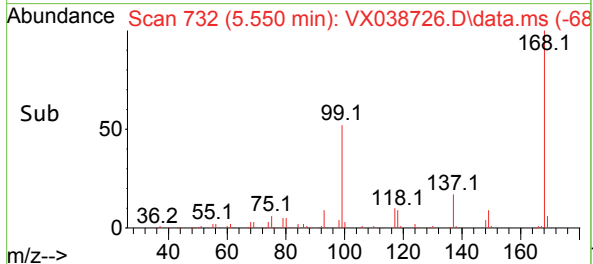
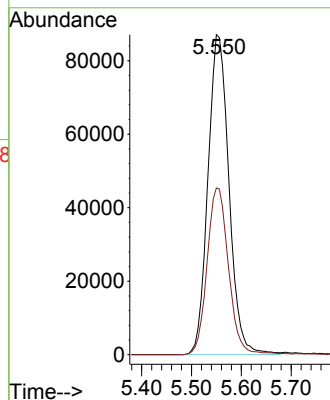
Instrument :

MSVOA_X

ClientSampleId :

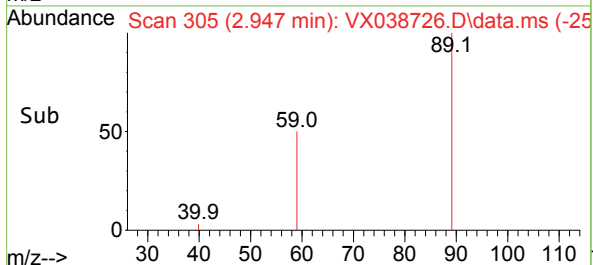
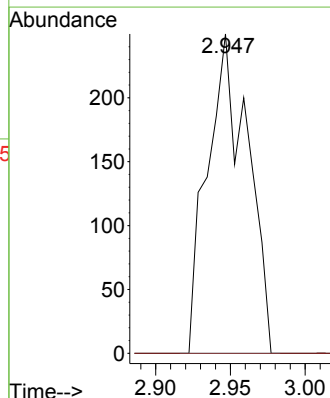
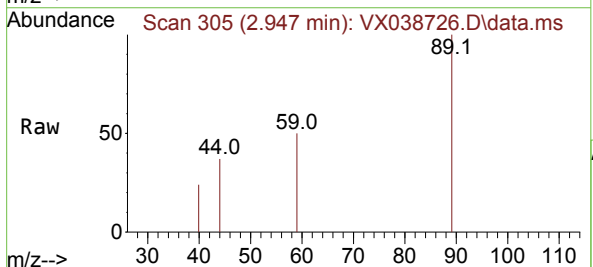


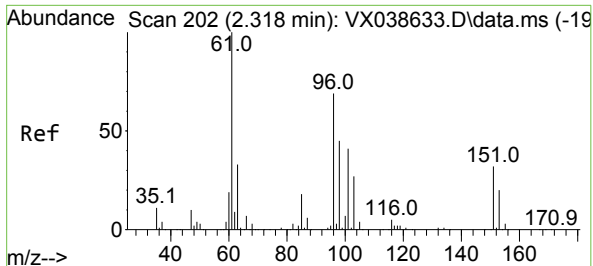
Tgt Ion:168 Resp: 255099
Ion Ratio Lower Upper
168 100
99 52.1 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.719 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX038726.D
Acq: 10 Nov 2023 14:15

Tgt Ion: 59 Resp: 467
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#12

1,1-Dichloroethene

Concen: 6.630 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.007 min

Lab File: VX038726.D

Acq: 10 Nov 2023 14:15

Instrument :

MSVOA_X

ClientSampleId :

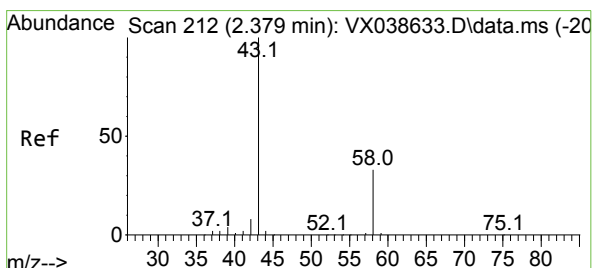
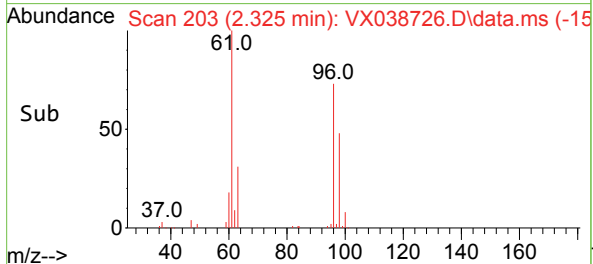
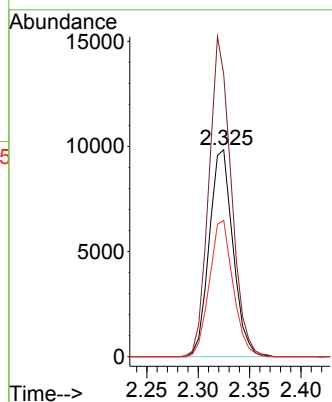
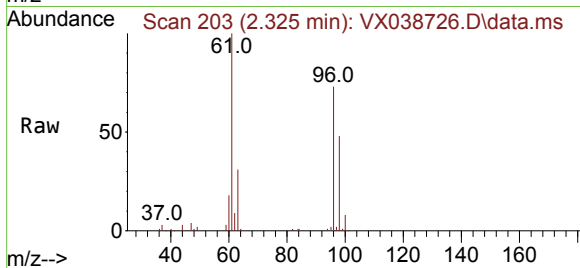
Tgt Ion: 96 Resp: 15784

Ion Ratio Lower Upper

96 100

61 136.5 144.6 216.8#

98 65.9 50.4 75.6



#16

Acetone

Concen: 0.945 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX038726.D

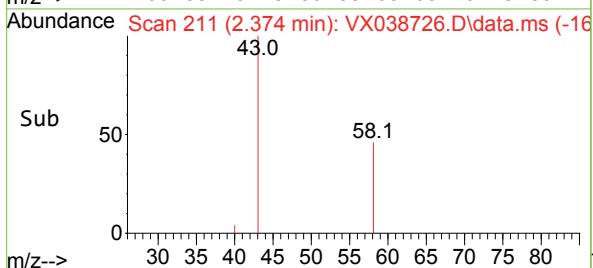
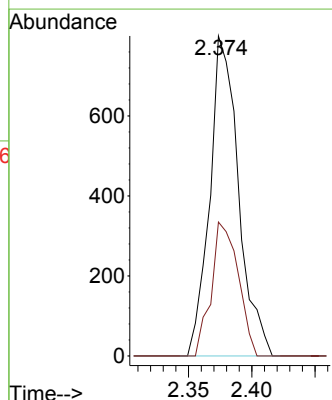
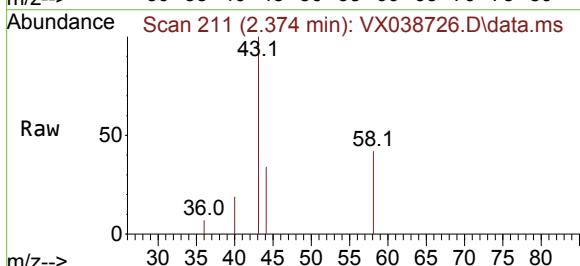
Acq: 10 Nov 2023 14:15

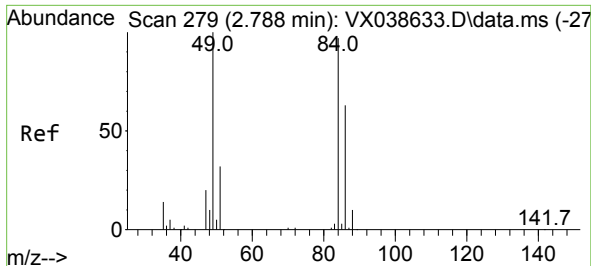
Tgt Ion: 43 Resp: 1264

Ion Ratio Lower Upper

43 100

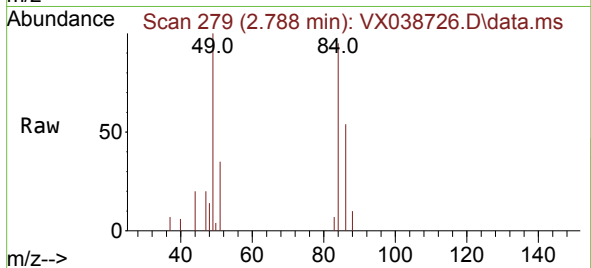
58 41.9 21.9 32.9#



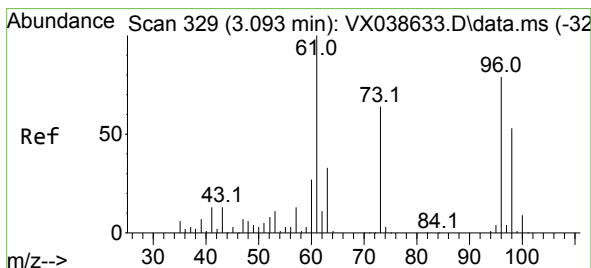
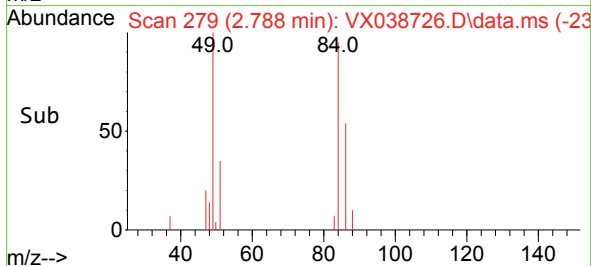
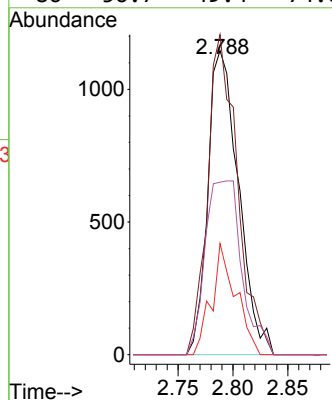


#20
Methylene Chloride
Concen: 0.827 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038726.D
Acq: 10 Nov 2023 14:15

Instrument :
MSVOA_X
ClientSampleId :

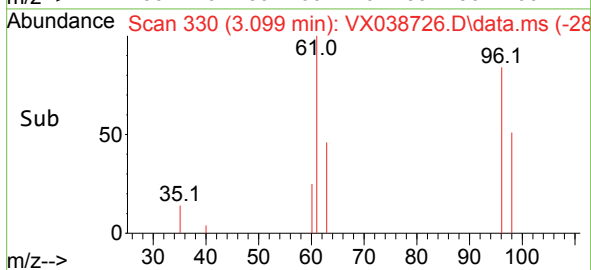
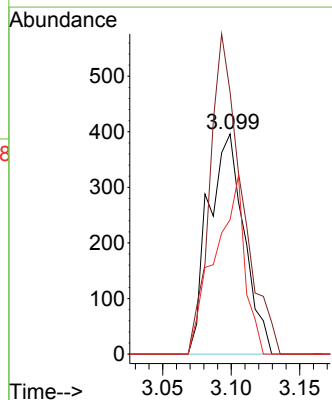
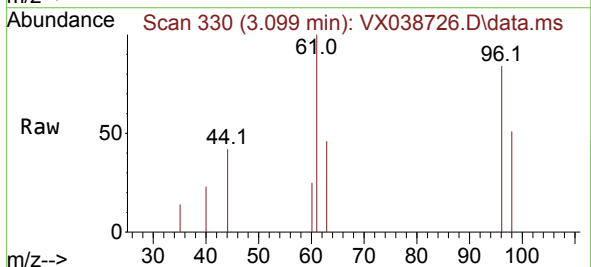


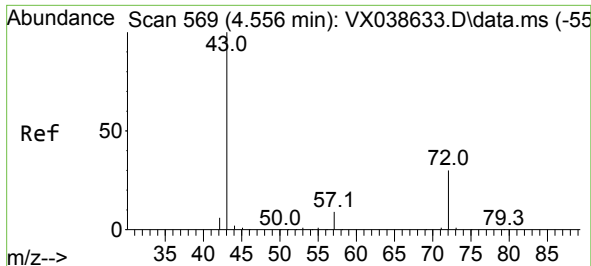
Tgt Ion:	84	Resp:	2230
Ion	Ratio	Lower	Upper
84	100		
49	105.2	103.6	155.4
51	36.6	33.8	50.6
86	56.7	49.4	74.0



#21
trans-1,2-Dichloroethene
Concen: 0.277 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.007 min
Lab File: VX038726.D
Acq: 10 Nov 2023 14:15

Tgt Ion:	96	Resp:	717
Ion	Ratio	Lower	Upper
96	100		
61	118.9	119.2	178.8#
98	61.1	48.7	73.1

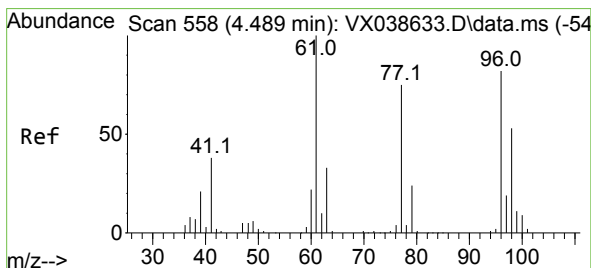
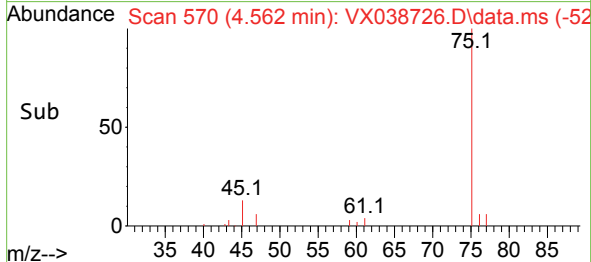
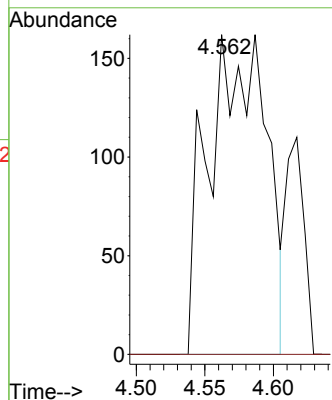
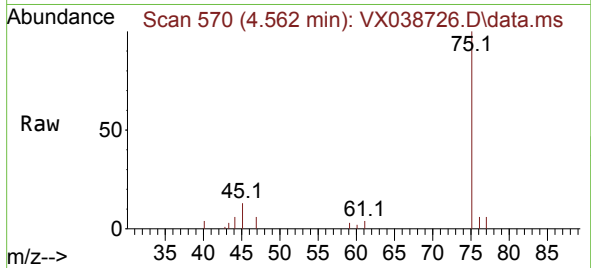




#25
2-Butanone
Concen: 0.244 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.007 min
Lab File: VX038726.D
Acq: 10 Nov 2023 14:15

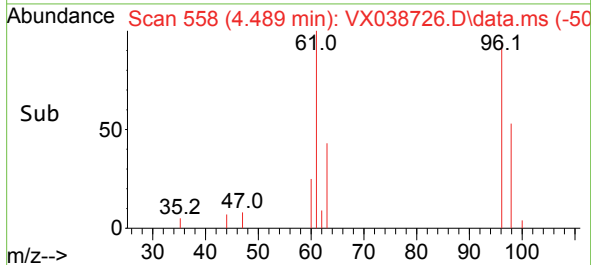
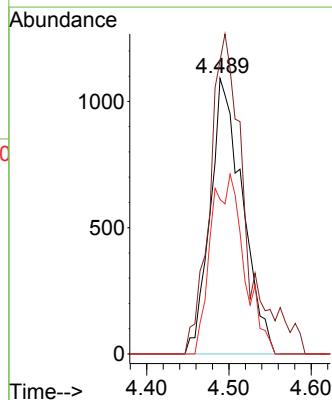
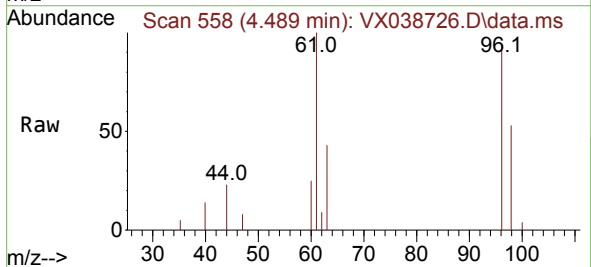
Instrument :
MSVOA_X
ClientSampleId :

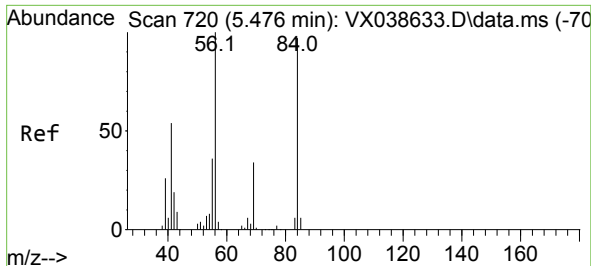
Tgt Ion: 43 Resp: 472
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#27
cis-1,2-Dichloroethene
Concen: 0.993 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX038726.D
Acq: 10 Nov 2023 14:15

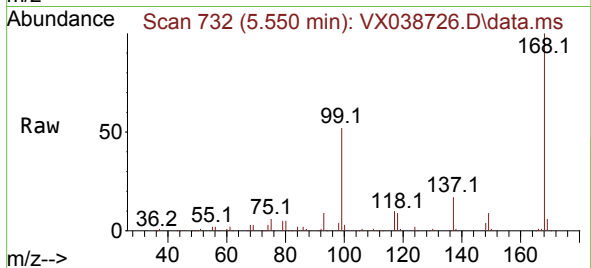
Tgt Ion: 96 Resp: 2972
Ion Ratio Lower Upper
96 100
61 127.2 0.0 312.2
98 67.4 0.0 129.0



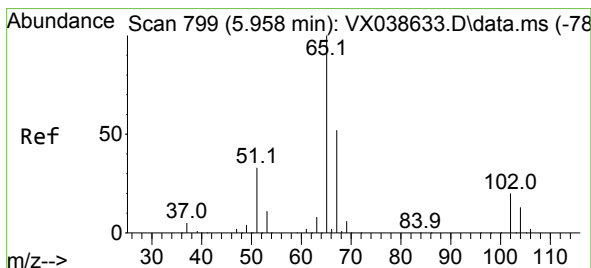
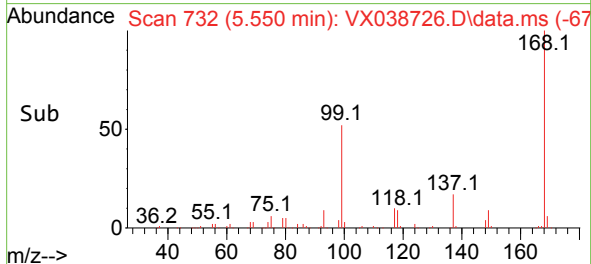
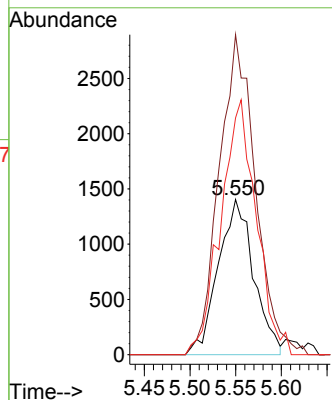


#31
Cyclohexane
Concen: 1.079 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.074 min
Lab File: VX038726.D
Acq: 10 Nov 2023 14:15

Instrument :
MSVOA_X
ClientSampleId :

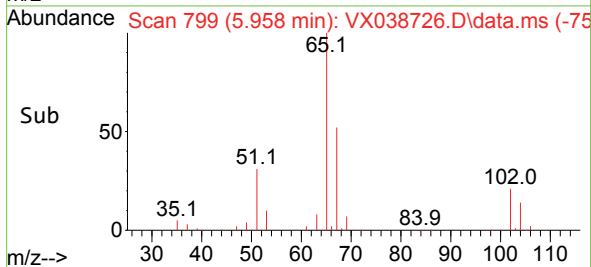
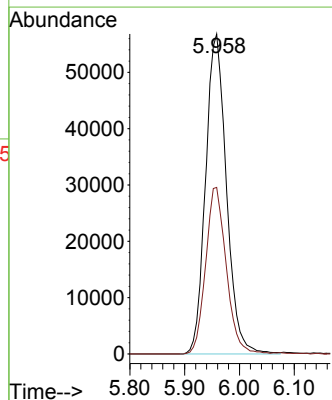
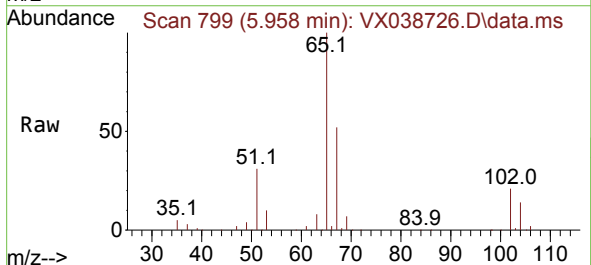


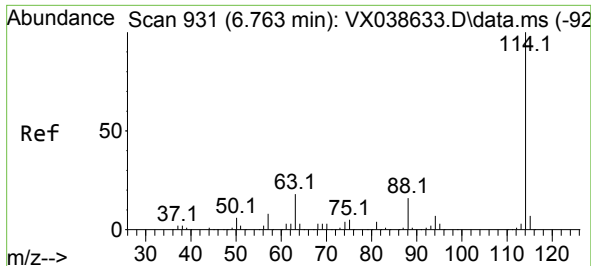
Tgt Ion: 56 Resp: 3793
Ion Ratio Lower Upper
56 100
69 206.1 23.4 35.2#
84 152.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.123 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038726.D
Acq: 10 Nov 2023 14:15

Tgt Ion: 65 Resp: 149659
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

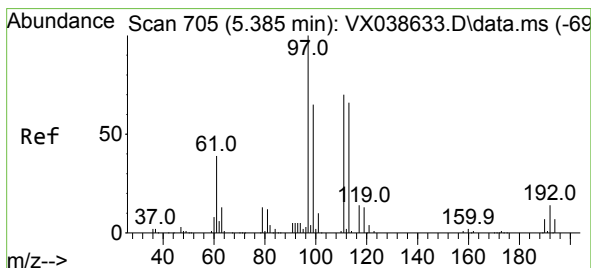
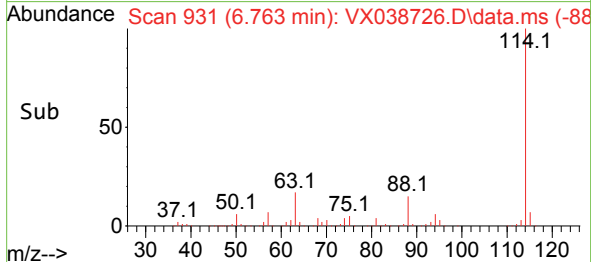
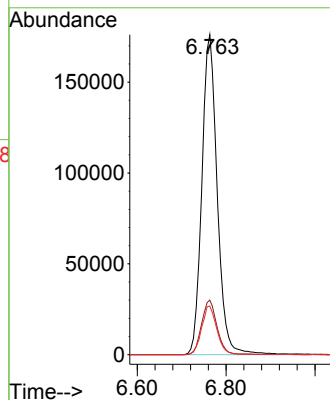
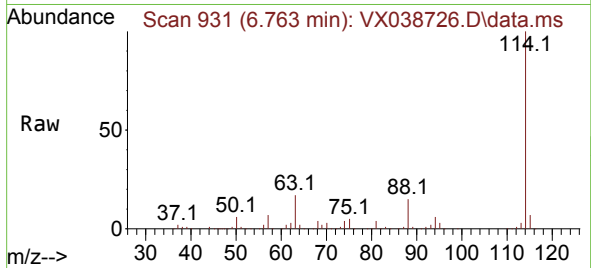




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038726.D
Acq: 10 Nov 2023 14:15

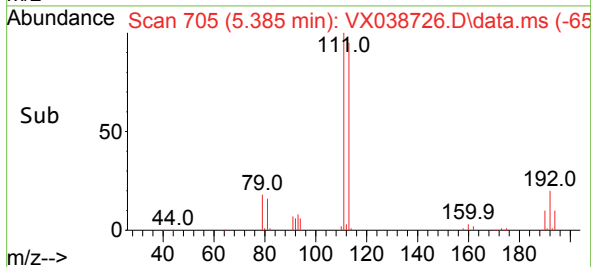
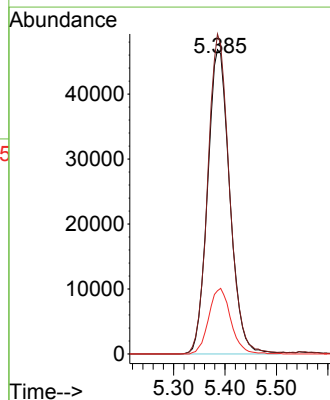
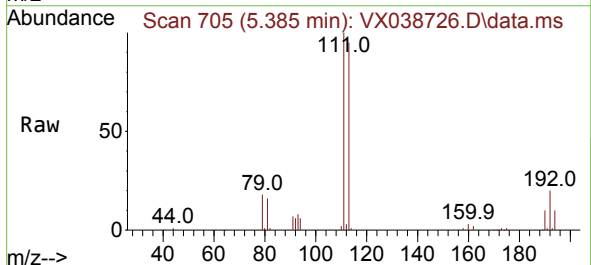
Instrument :
MSVOA_X
ClientSampleId :

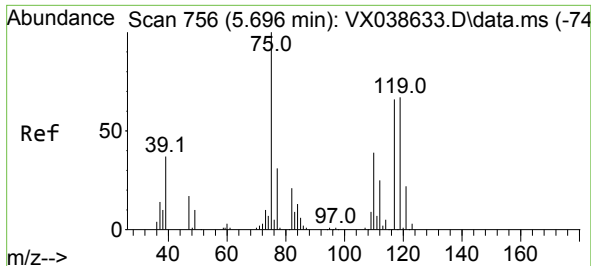
Tgt Ion:114 Resp: 424094
Ion Ratio Lower Upper
114 100
63 17.1 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.899 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038726.D
Acq: 10 Nov 2023 14:15

Tgt Ion:113 Resp: 140195
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 21.5 13.3 19.9#

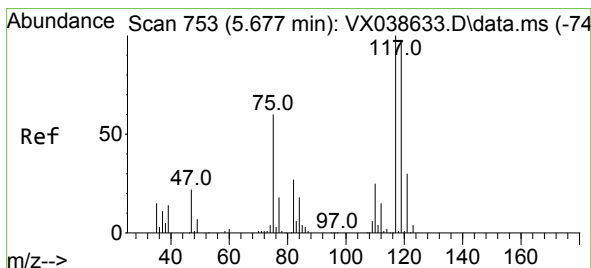
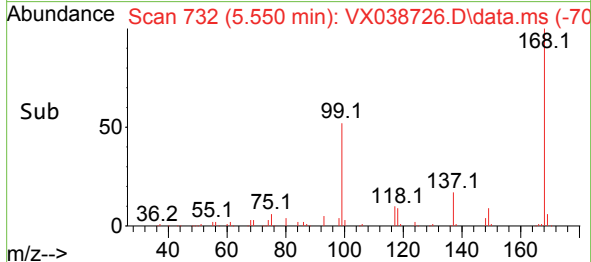
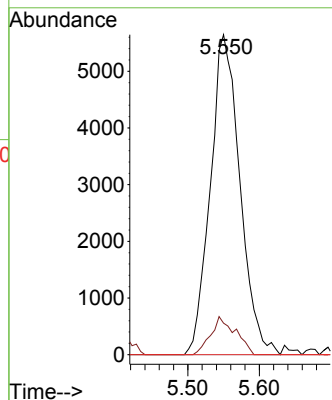
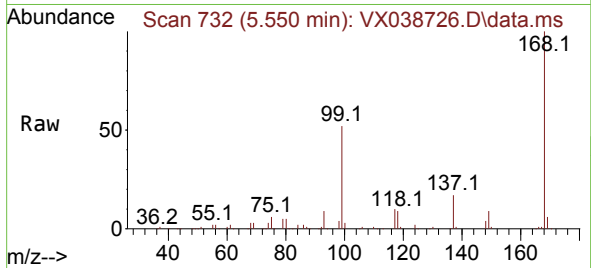




#36
1,1-Dichloropropene
Concen: 4.276 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX038726.D
Acq: 10 Nov 2023 14:15

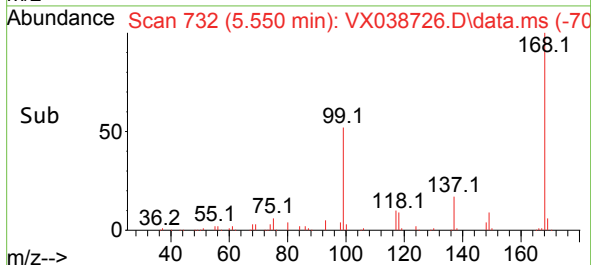
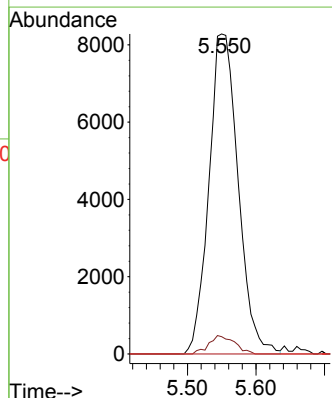
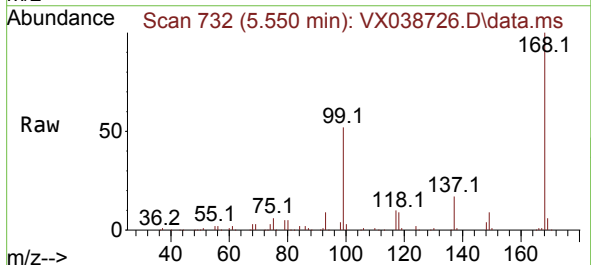
Instrument :
MSVOA_X
ClientSampleId :

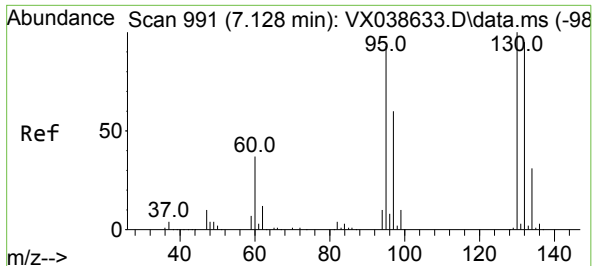
Tgt Ion: 75 Resp: 16224
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.791 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038726.D
Acq: 10 Nov 2023 14:15

Tgt Ion: 117 Resp: 24564
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#

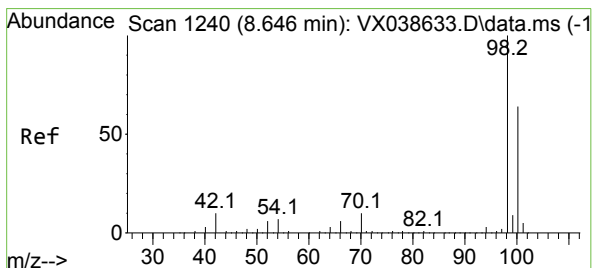
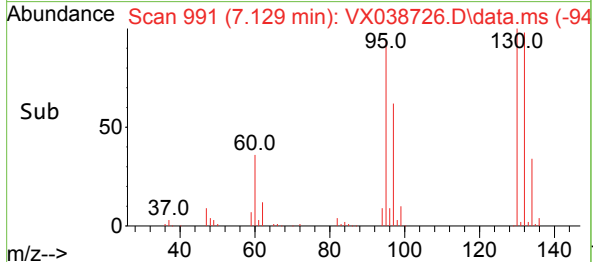
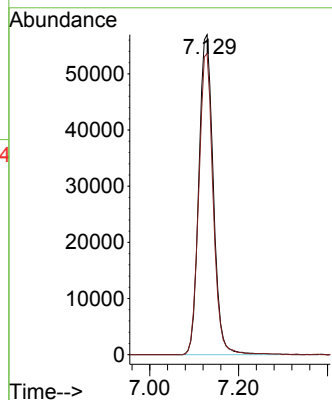
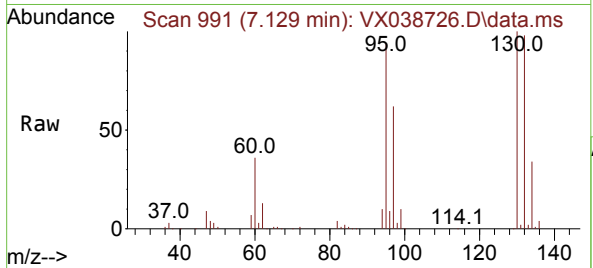




#44
Trichloroethene
Concen: 37.896 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038726.D
Acq: 10 Nov 2023 14:15

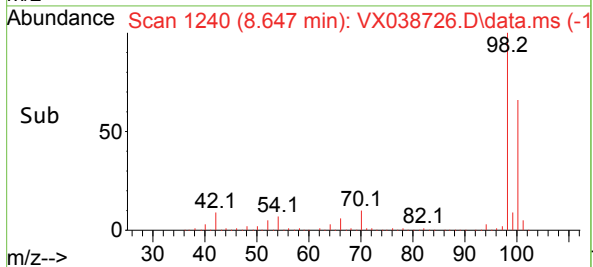
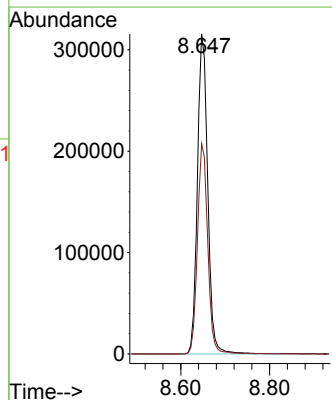
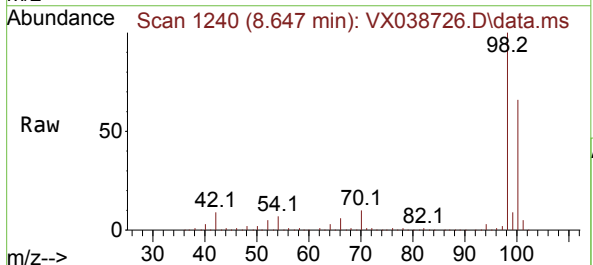
Instrument :
MSVOA_X
ClientSampleId :

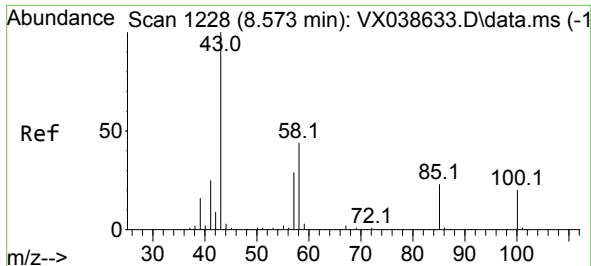
Tgt Ion:130 Resp: 128856
Ion Ratio Lower Upper
130 100
95 94.1 0.0 204.4



#50
Toluene-d8
Concen: 46.403 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038726.D
Acq: 10 Nov 2023 14:15

Tgt Ion: 98 Resp: 507186
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7

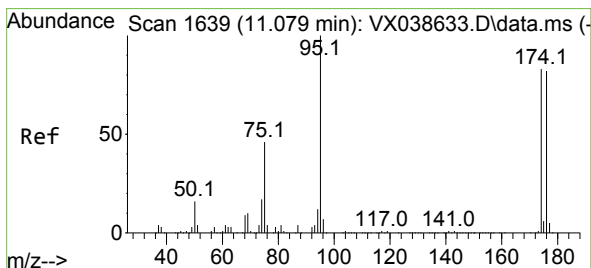
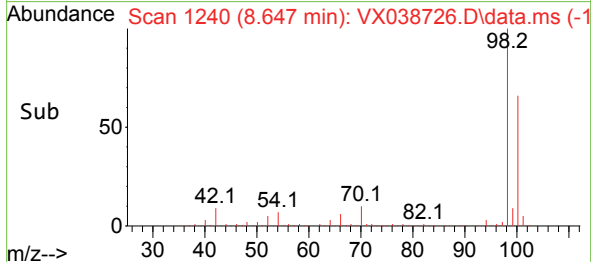
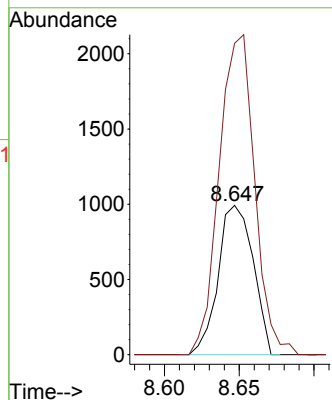
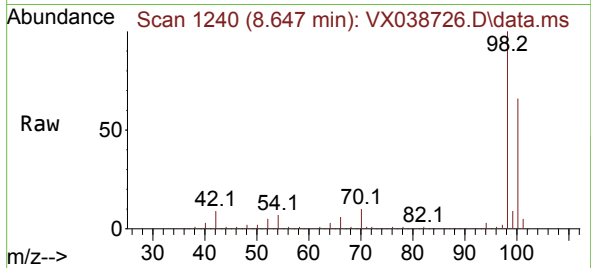




#51
 4-Methyl-2-Pentanone
 Concen: 0.416 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.074 min
 Lab File: VX038726.D
 Acq: 10 Nov 2023 14:15

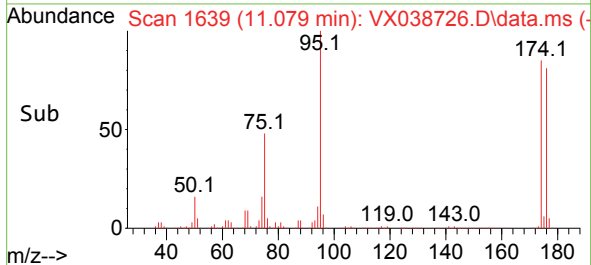
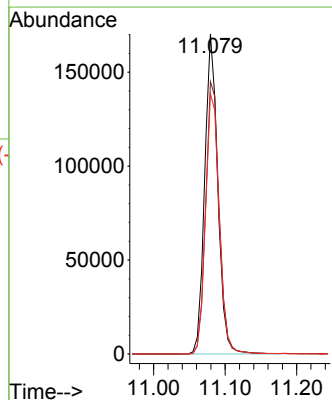
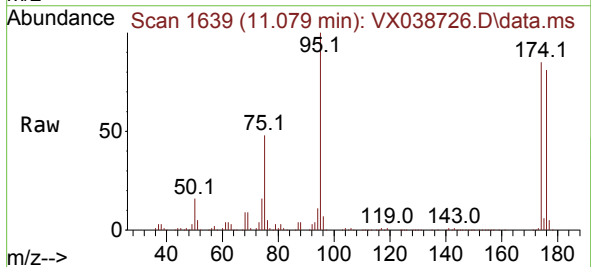
Instrument :
 MSVOA_X
 ClientSampleId :

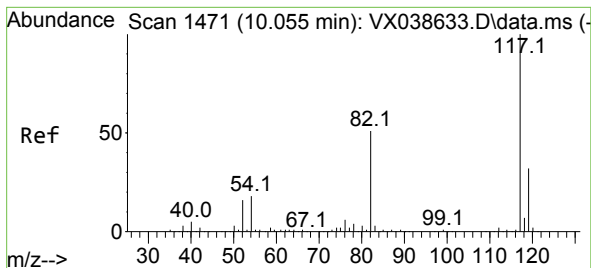
Tgt Ion: 43 Resp: 1614
 Ion Ratio Lower Upper
 43 100
 58 217.8 30.4 45.6#



#62
 4-Bromofluorobenzene
 Concen: 51.073 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX038726.D
 Acq: 10 Nov 2023 14:15

Tgt Ion: 95 Resp: 216434
 Ion Ratio Lower Upper
 95 100
 174 88.9 0.0 135.6
 176 85.1 0.0 131.0

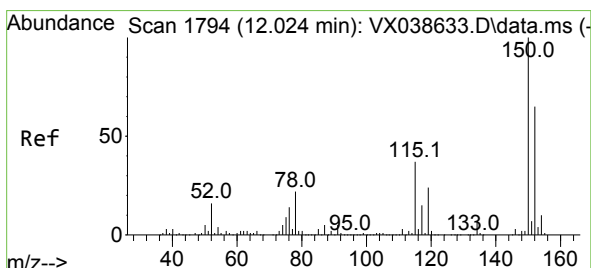
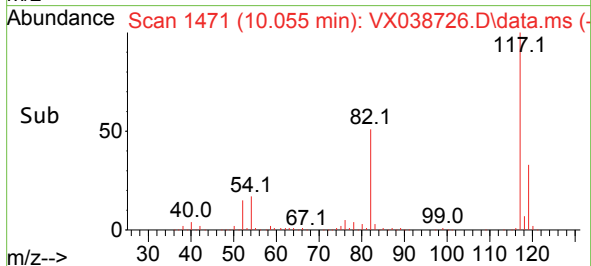
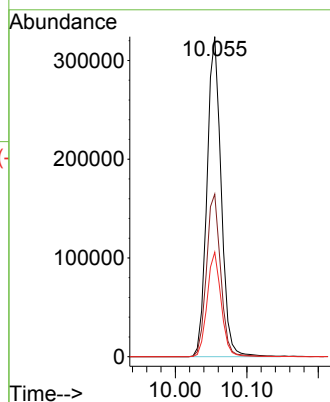
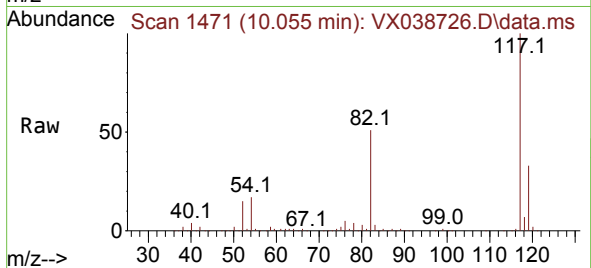




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038726.D
Acq: 10 Nov 2023 14:15

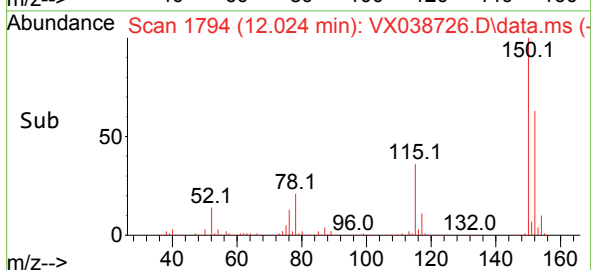
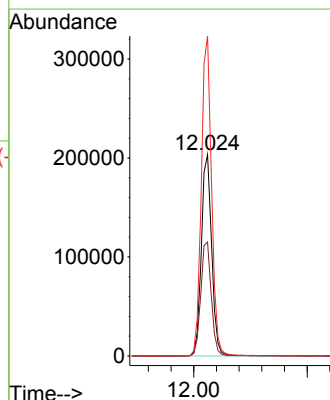
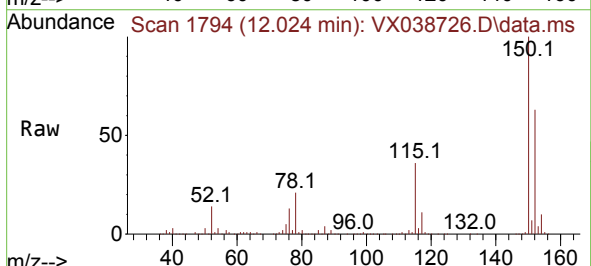
Instrument :
MSVOA_X
ClientSampleId :

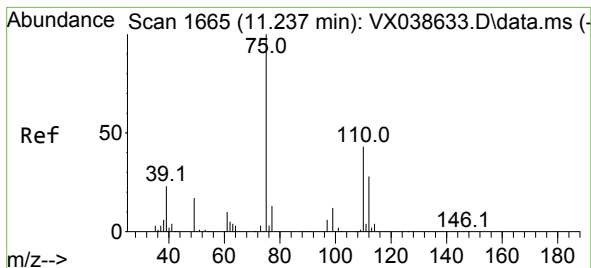
Tgt Ion:117 Resp: 445281
Ion Ratio Lower Upper
117 100
82 50.8 46.2 69.4
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038726.D
Acq: 10 Nov 2023 14:15

Tgt Ion:152 Resp: 256596
Ion Ratio Lower Upper
152 100
115 57.6 43.3 129.9
150 157.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 20.571 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038726.D

Acq: 10 Nov 2023 14:15

Instrument :

MSVOA_X

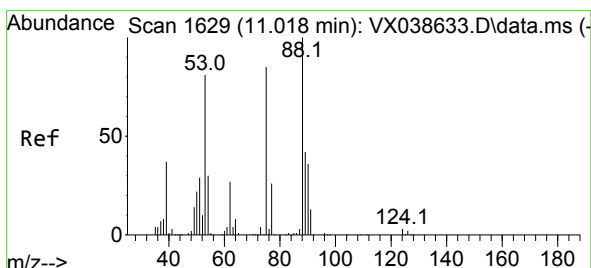
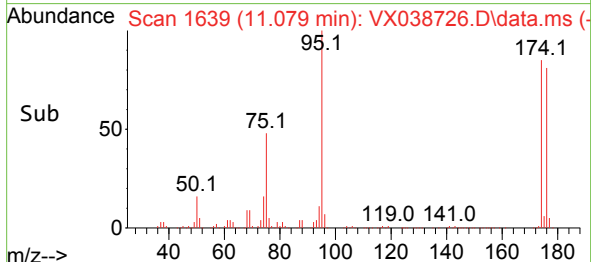
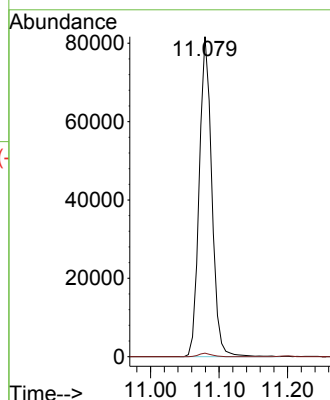
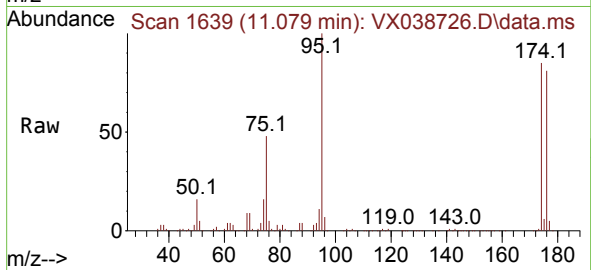
ClientSampleId :

Tgt Ion: 75 Resp: 104541

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.676 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038726.D

Acq: 10 Nov 2023 14:15

Tgt Ion: 75 Resp: 104541

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

