

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038476.D
 Acq On : 25 Oct 2023 13:48
 Operator : JC/MD
 Sample : 05007-15RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 26 04:04:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

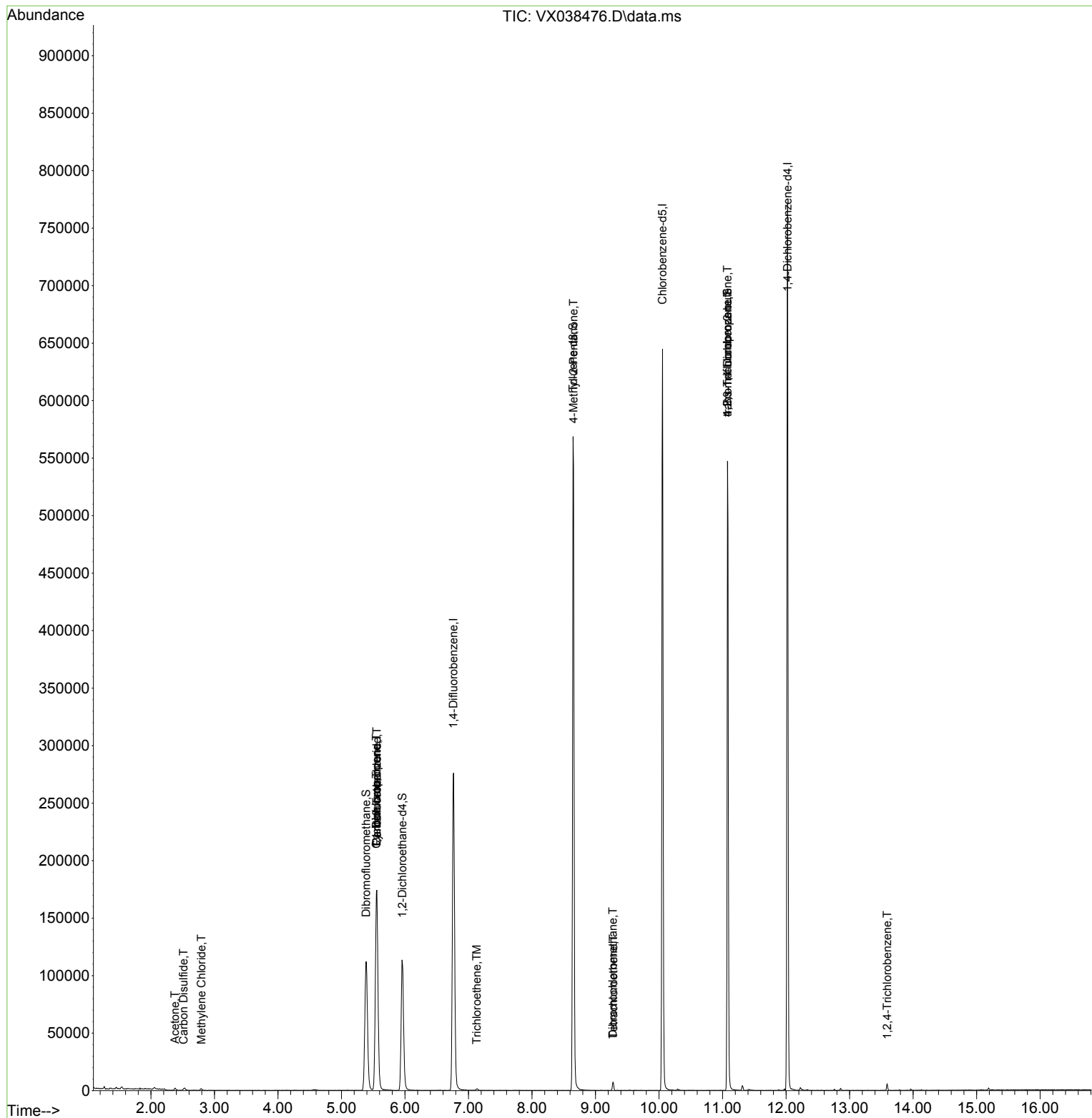
Internal Standards						
1) Pentafluorobenzene	5.556	168	172666	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	294755	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	297668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	110144	39.660	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	79.320%	
35) Dibromofluoromethane	5.385	113	99270	46.740	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	93.480%	
50) Toluene-d8	8.646	98	354836	43.721	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	87.440%#	
62) 4-Bromofluorobenzene	11.079	95	141231	45.901	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	91.800%	
Target Compounds						
						Qvalue
5) Bromomethane	1.605	94	19	Below Cal	#	3
6) Chloroethane	1.666	64	90	Below Cal	#	43
16) Acetone	2.379	43	1986	1.713	ug/l	97
17) Carbon Disulfide	2.513	76	1307	0.287	ug/l #	88
20) Methylene Chloride	2.794	84	689	0.316	ug/l	99
31) Cyclohexane	5.549	56	3438	1.143	ug/l #	12
36) 1,1-Dichloropropene	5.549	75	13024	4.447	ug/l #	50
38) Carbon Tetrachloride	5.556	117	17248	5.986	ug/l #	14
44) Trichloroethene	7.128	130	603	0.281	ug/l	90
51) 4-Methyl-2-Pentanone	8.653	43	1446	0.404	ug/l #	1
60) Dibromochloromethane	9.274	129	1121	0.502	ug/l #	11
64) Tetrachloroethene	9.280	164	949	0.492	ug/l #	87
76) 1,2,3-Trichloropropane	11.079	75	73101	19.732	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	73101	57.003	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	1660	0.480	ug/l	97

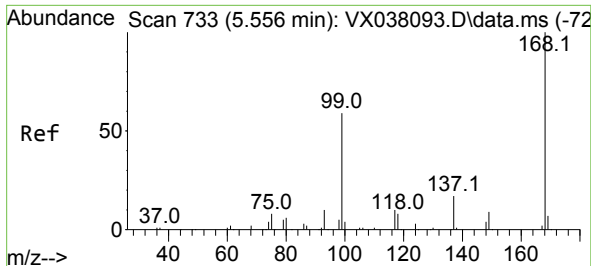
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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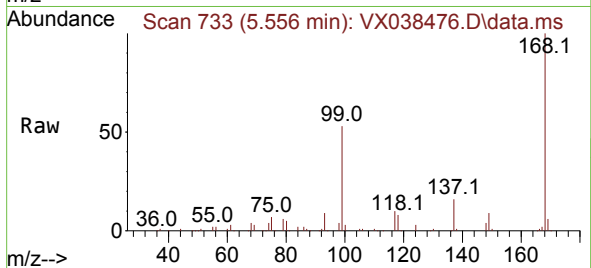
Quant Time: Oct 26 04:04:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



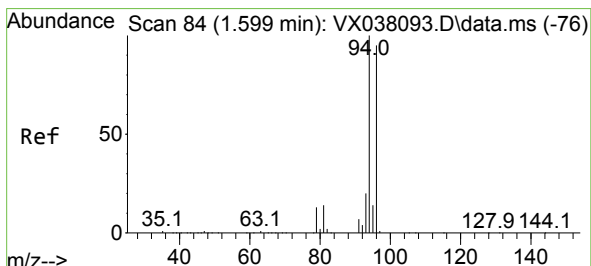
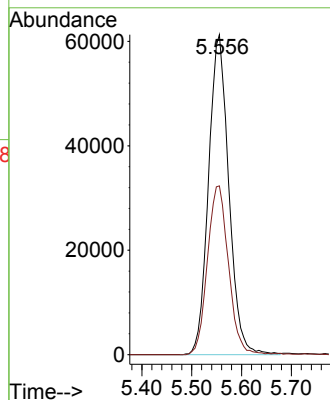
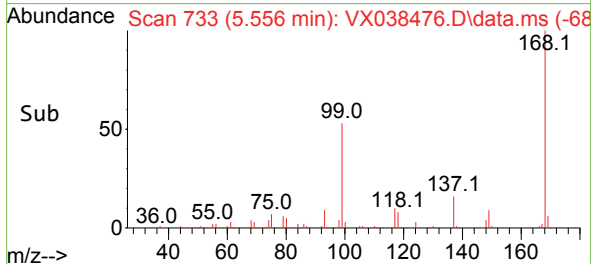


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038476.D
Acq: 25 Oct 2023 13:48

Instrument :
MSVOA_X
ClientSampleId :

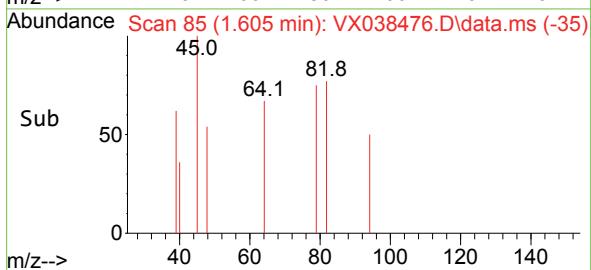
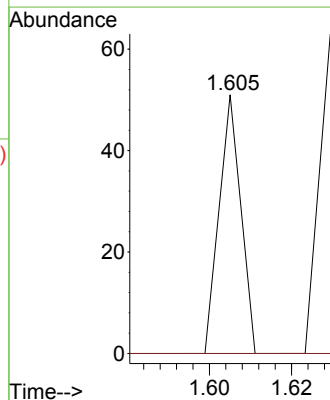
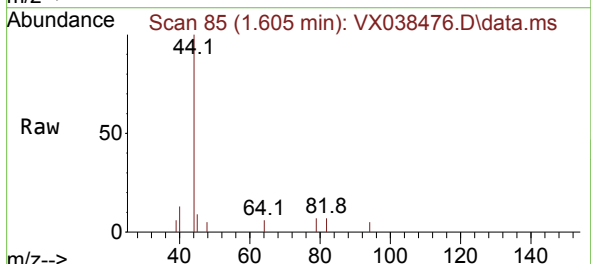


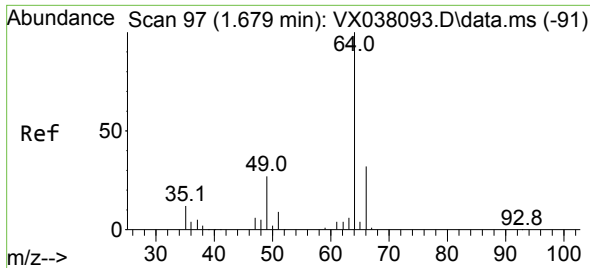
Tgt Ion:168 Resp: 172666
Ion Ratio Lower Upper
168 100
99 52.7 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX038476.D
Acq: 25 Oct 2023 13:48

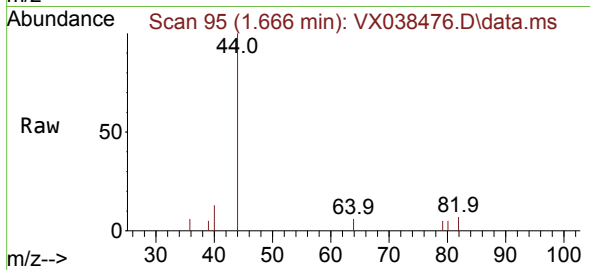
Tgt Ion: 94 Resp: 19
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



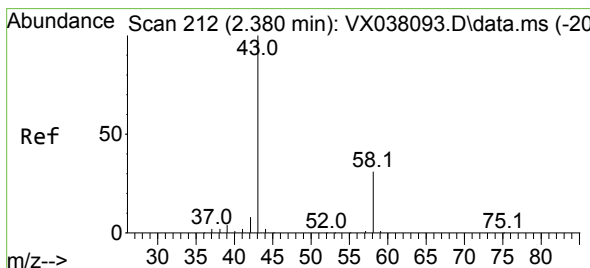
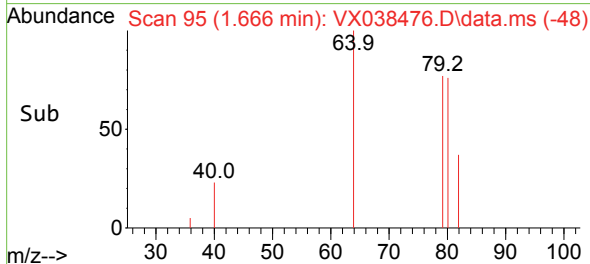
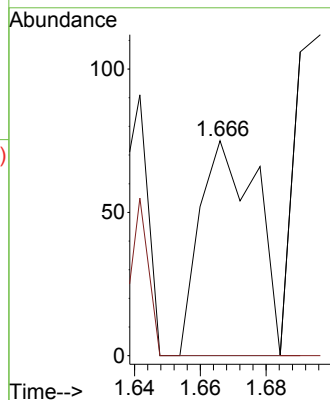


#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 91
Delta R.T. -0.013 min
Lab File: VX038476.D
Acq: 25 Oct 2023 13:48

Instrument :
MSVOA_X
ClientSampleId :

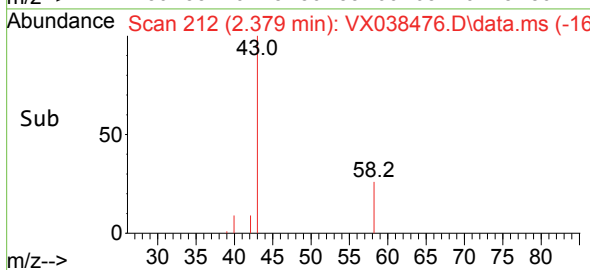
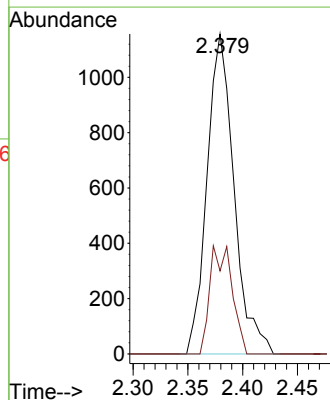
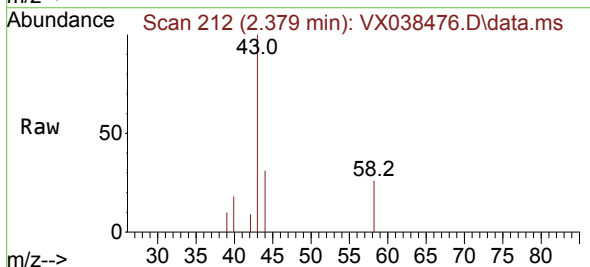


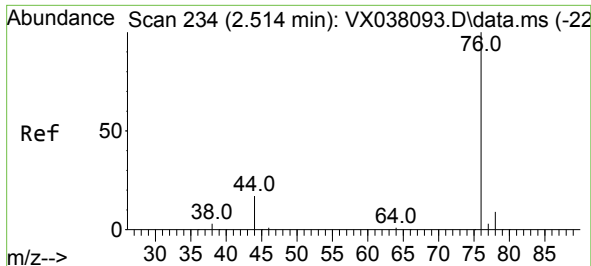
Tgt Ion: 64 Resp: 90
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 1.713 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038476.D
Acq: 25 Oct 2023 13:48

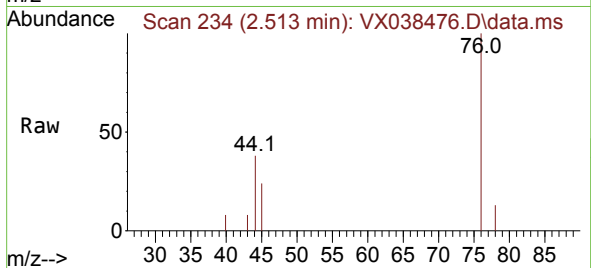
Tgt Ion: 43 Resp: 1986
Ion Ratio Lower Upper
43 100
58 25.9 21.9 32.9



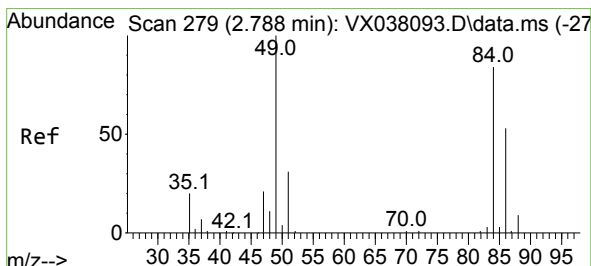
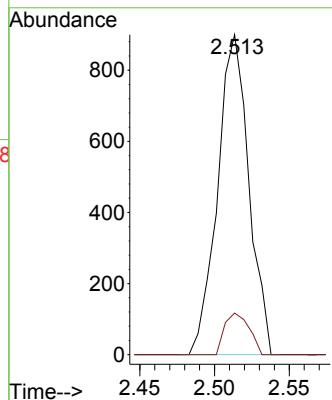
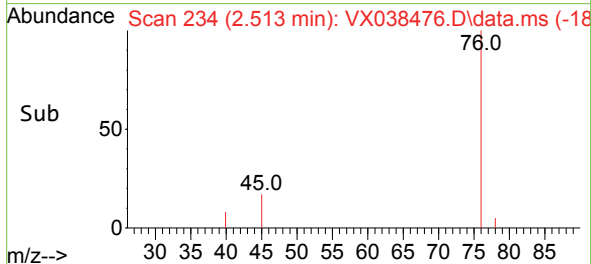


#17
Carbon Disulfide
Concen: 0.287 ug/l
RT: 2.513 min Scan# 21
Delta R.T. 0.005 min
Lab File: VX038476.D
Acq: 25 Oct 2023 13:48

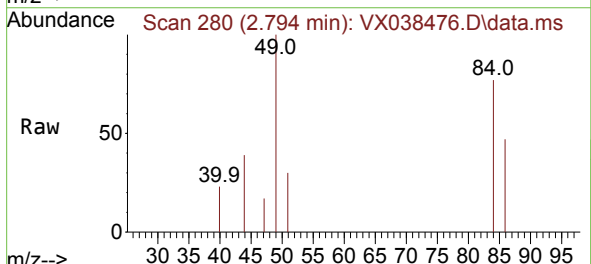
Instrument :
MSVOA_X
ClientSampleId :



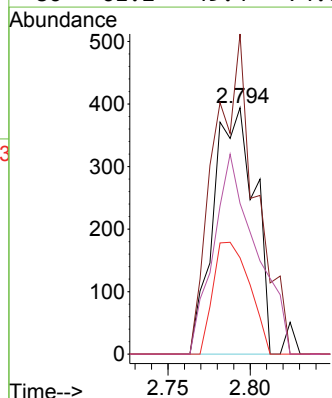
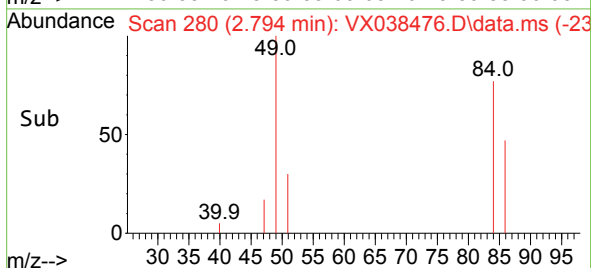
Tgt Ion: 76 Resp: 1307
Ion Ratio Lower Upper
76 100
78 13.0 7.0 10.6#

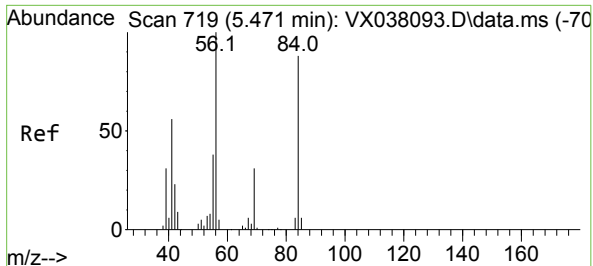


#20
Methylene Chloride
Concen: 0.316 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038476.D
Acq: 25 Oct 2023 13:48



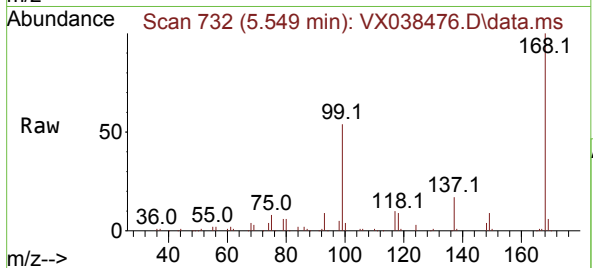
Tgt Ion: 84 Resp: 689
Ion Ratio Lower Upper
84 100
49 129.9 103.6 155.4
51 39.1 33.8 50.6
86 61.2 49.4 74.0



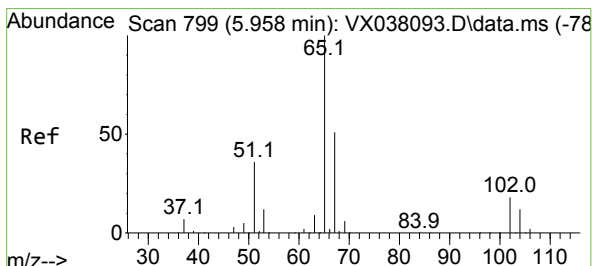
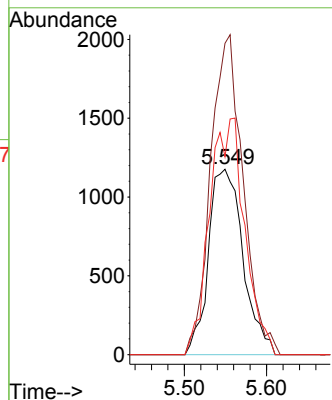
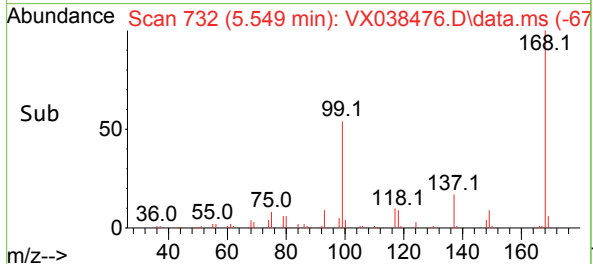


#31
Cyclohexane
Concen: 1.143 ug/l
RT: 5.549 min Scan# 719
Delta R.T. 0.078 min
Lab File: VX038476.D
Acq: 25 Oct 2023 13:48

Instrument :
MSVOA_X
ClientSampleId :

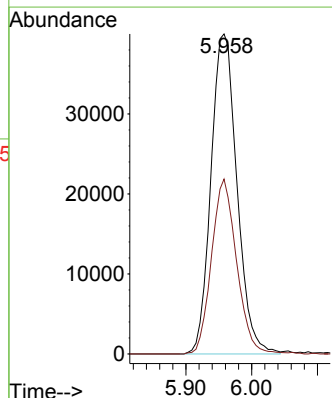
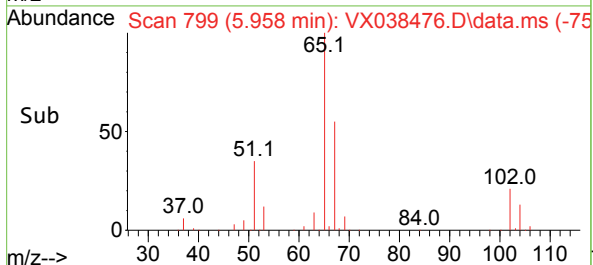
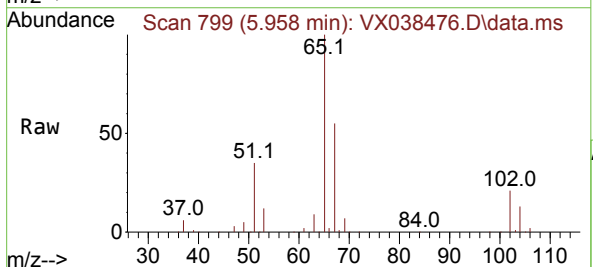


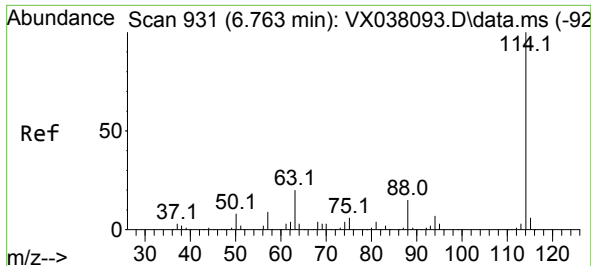
Tgt Ion: 56 Resp: 3438
Ion Ratio Lower Upper
56 100
69 167.9 23.4 35.2#
84 106.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 39.660 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX038476.D
Acq: 25 Oct 2023 13:48

Tgt Ion: 65 Resp: 110144
Ion Ratio Lower Upper
65 100
67 52.8 0.0 100.2

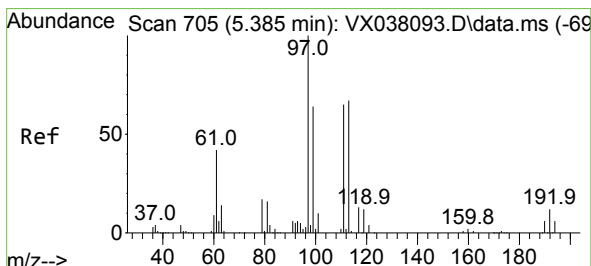
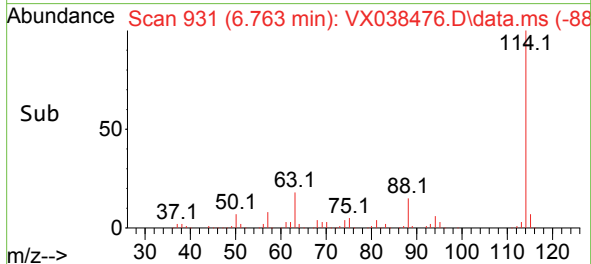
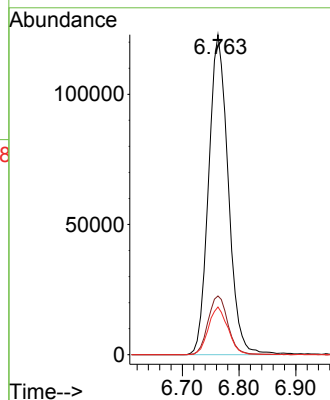
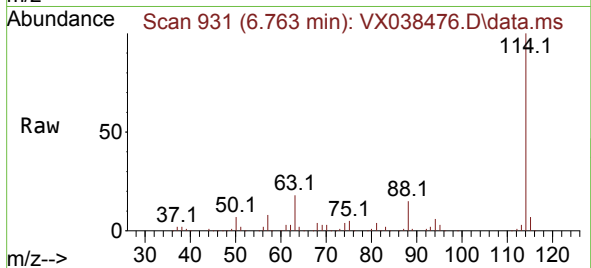




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038476.D
Acq: 25 Oct 2023 13:48

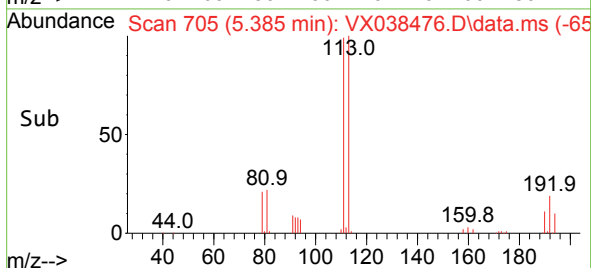
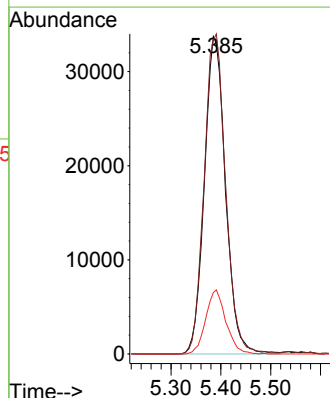
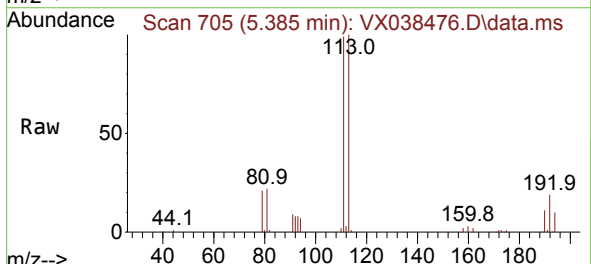
Instrument :
MSVOA_X
ClientSampleId :

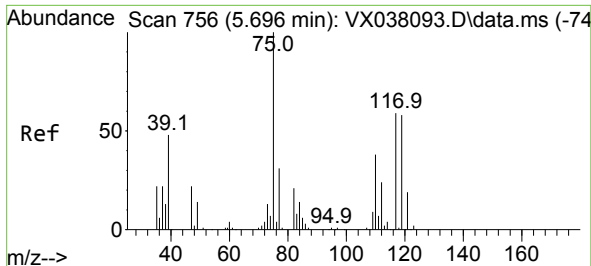
Tgt Ion:114 Resp: 294755
Ion Ratio Lower Upper
114 100
63 18.4 0.0 45.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.740 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038476.D
Acq: 25 Oct 2023 13:48

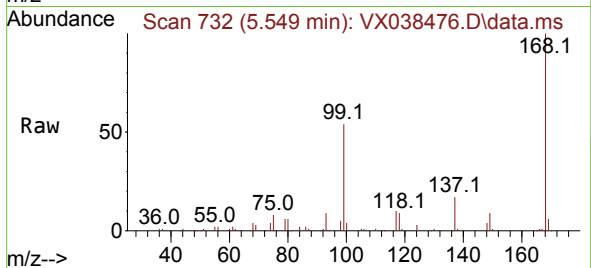
Tgt Ion:113 Resp: 99270
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 19.2 13.3 19.9



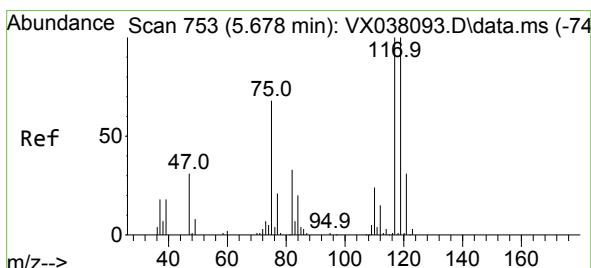
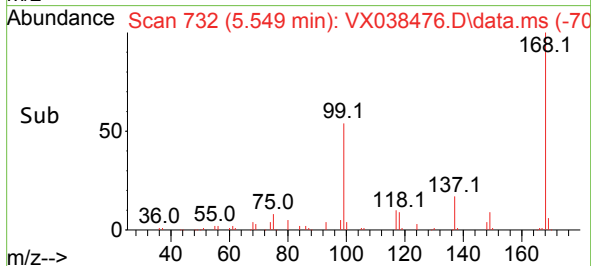
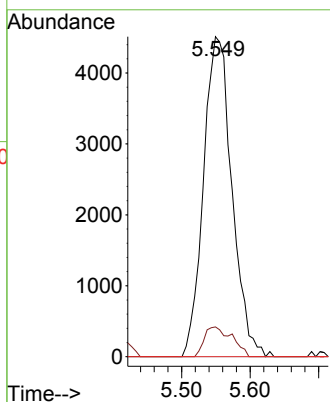


#36
1,1-Dichloropropene
Concen: 4.447 ug/l
RT: 5.549 min Scan# 713
Delta R.T. -0.141 min
Lab File: VX038476.D
Acq: 25 Oct 2023 13:48

Instrument :
MSVOA_X
ClientSampleId :

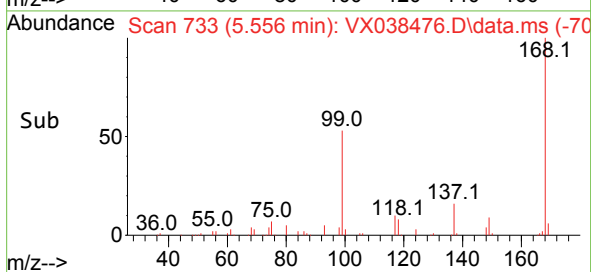
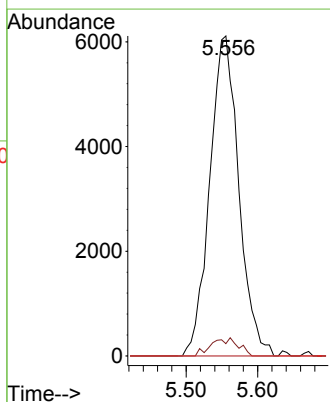
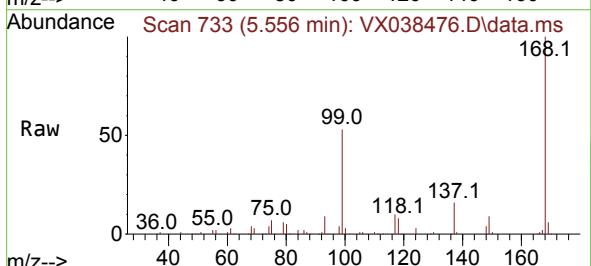


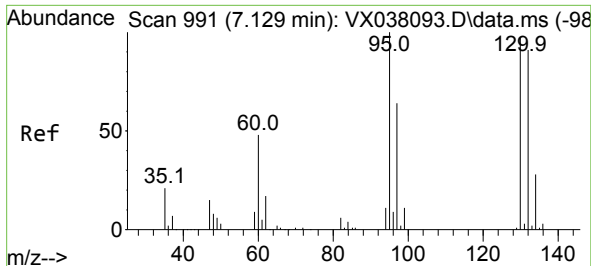
Tgt Ion: 75 Resp: 13024
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.986 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038476.D
Acq: 25 Oct 2023 13:48

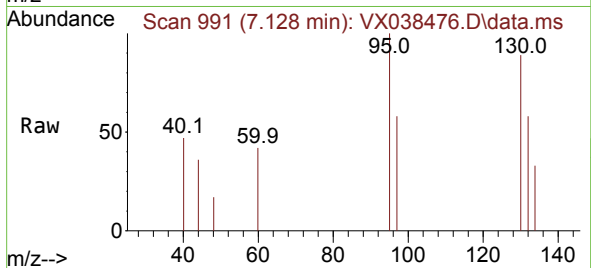
Tgt Ion: 117 Resp: 17248
Ion Ratio Lower Upper
117 100
119 3.8 78.2 117.2#
121 0.0 24.4 36.6#



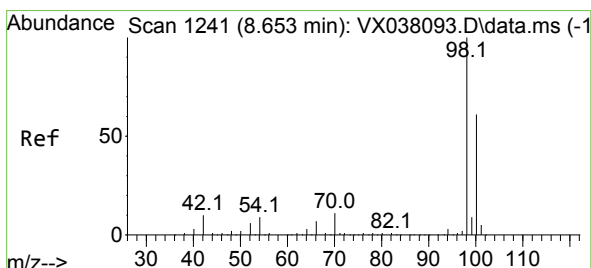
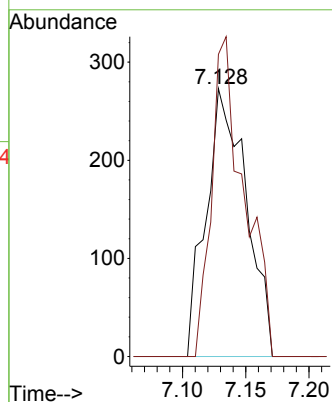
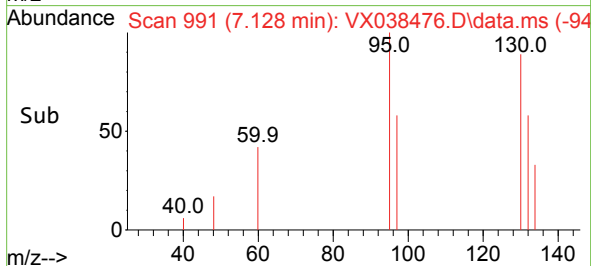


#44
Trichloroethene
Concen: 0.281 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.001 min
Lab File: VX038476.D
Acq: 25 Oct 2023 13:48

Instrument :
MSVOA_X
ClientSampleId :

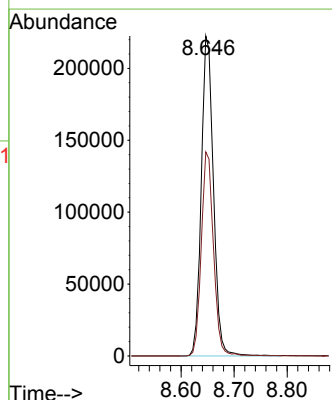
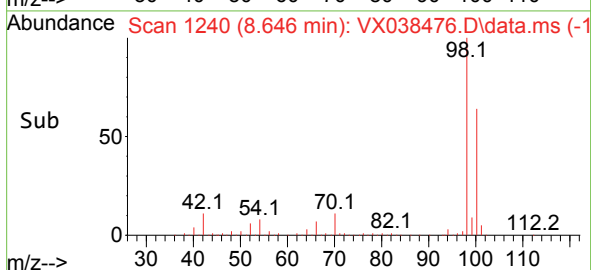
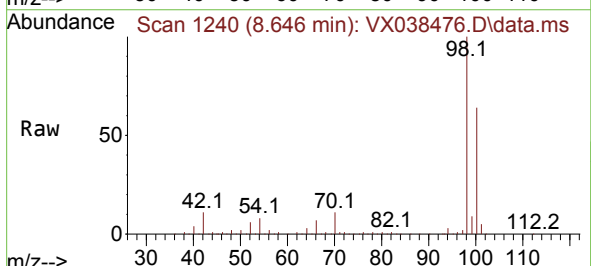


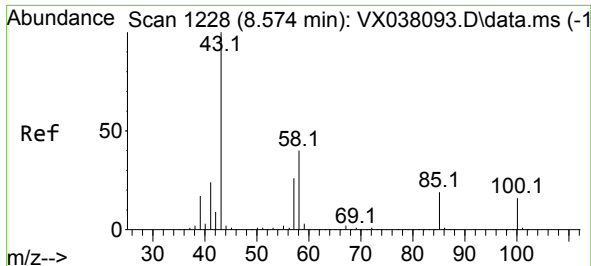
Tgt Ion:130 Resp: 603
Ion Ratio Lower Upper
130 100
95 112.8 0.0 204.4



#50
Toluene-d8
Concen: 43.721 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.007 min
Lab File: VX038476.D
Acq: 25 Oct 2023 13:48

Tgt Ion: 98 Resp: 354836
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

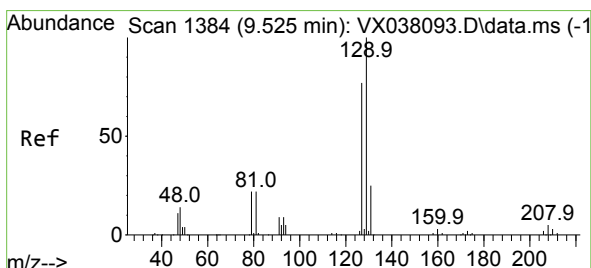
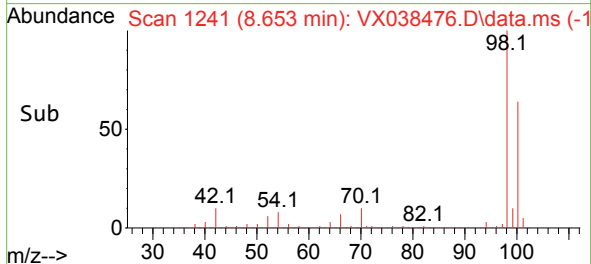
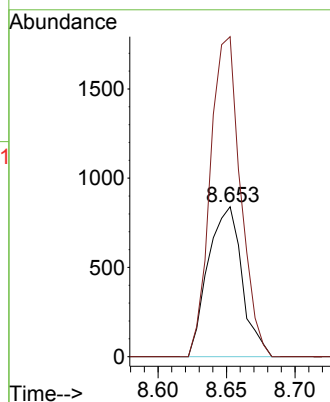
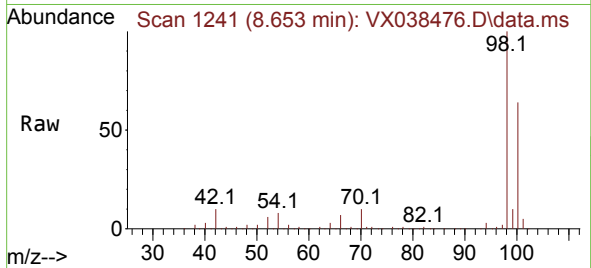




#51
4-Methyl-2-Pentanone
Concen: 0.404 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX038476.D
Acq: 25 Oct 2023 13:48

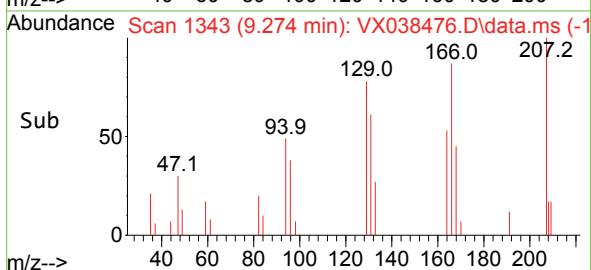
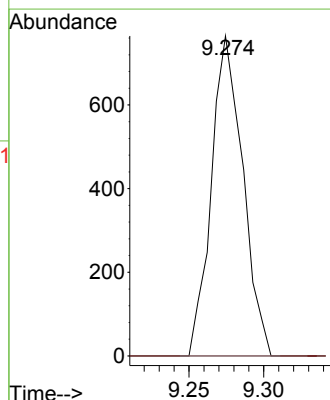
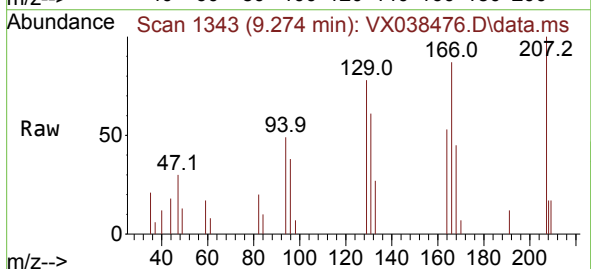
Instrument :
MSVOA_X
ClientSampleId :

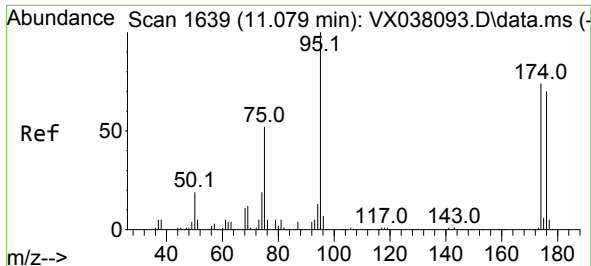
Tgt Ion: 43 Resp: 1446
Ion Ratio Lower Upper
43 100
58 190.3 30.4 45.6#



#60
Dibromochloromethane
Concen: 0.502 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.251 min
Lab File: VX038476.D
Acq: 25 Oct 2023 13:48

Tgt Ion: 129 Resp: 1121
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

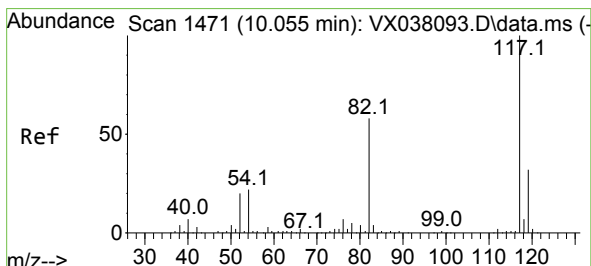
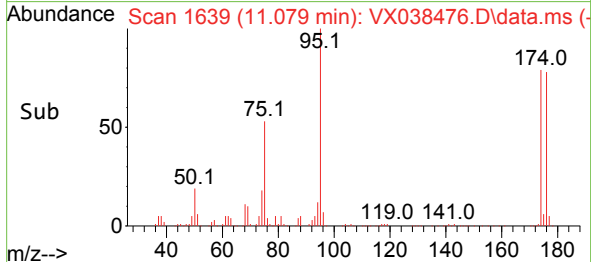
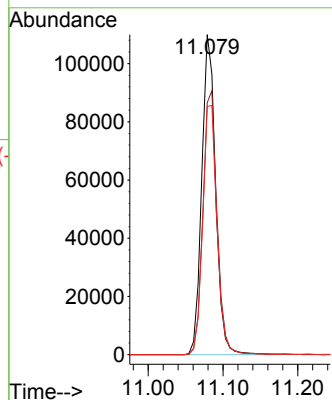
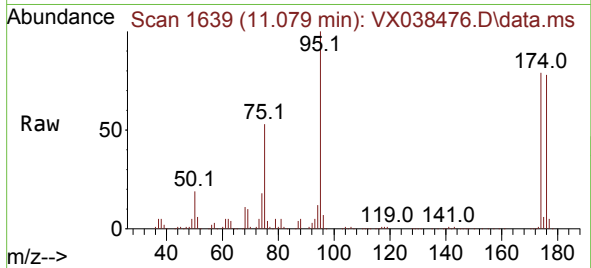




#62
4-Bromofluorobenzene
Concen: 45.901 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX038476.D
Acq: 25 Oct 2023 13:48

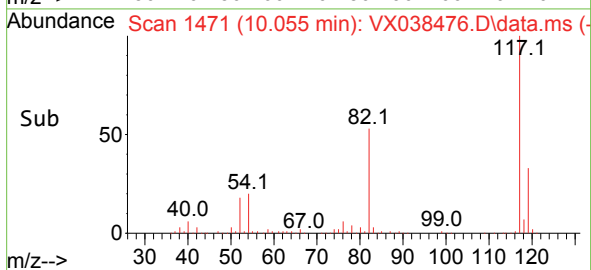
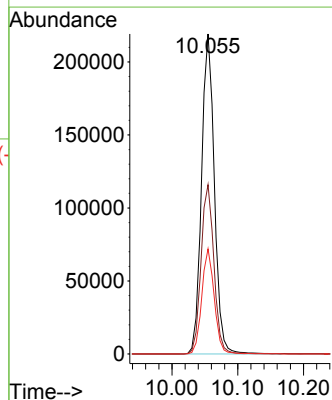
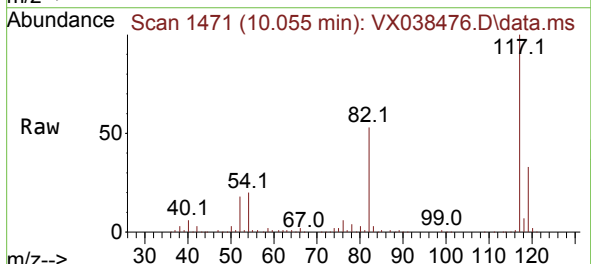
Instrument :
MSVOA_X
ClientSampleId :

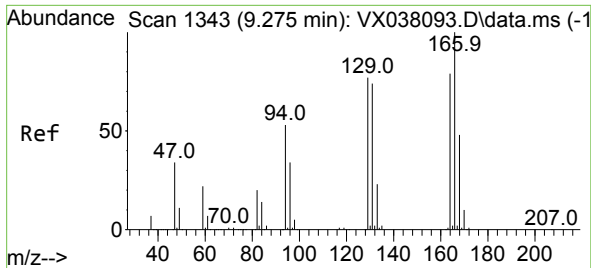
Tgt Ion: 95 Resp: 141231
Ion Ratio Lower Upper
95 100
174 84.8 0.0 135.6
176 80.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038476.D
Acq: 25 Oct 2023 13:48

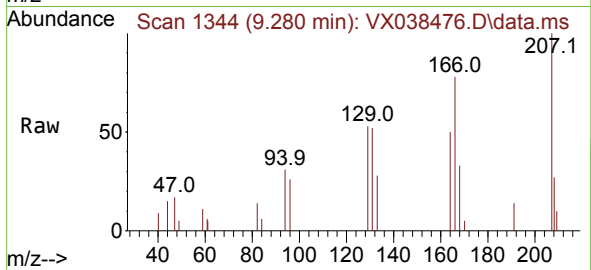
Tgt Ion: 117 Resp: 297668
Ion Ratio Lower Upper
117 100
82 52.9 46.2 69.4
119 32.9 25.5 38.3



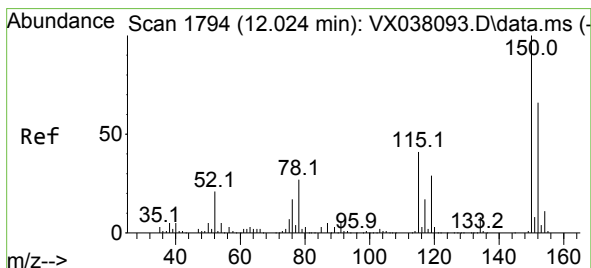
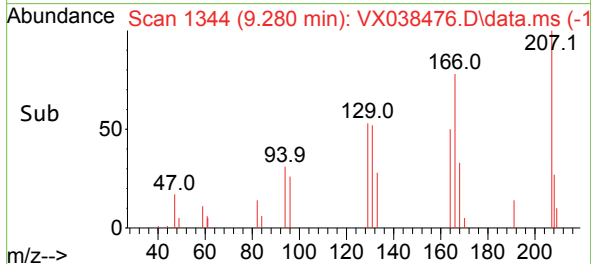
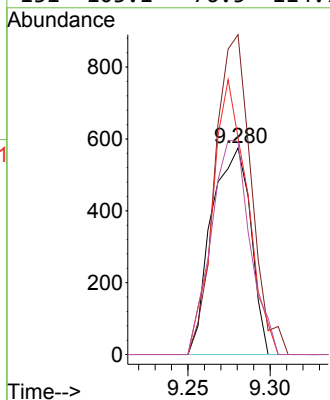


#64
Tetrachloroethene
Concen: 0.492 ug/l
RT: 9.280 min Scan# 11
Delta R.T. 0.005 min
Lab File: VX038476.D
Acq: 25 Oct 2023 13:48

Instrument :
MSVOA_X
ClientSampleId :

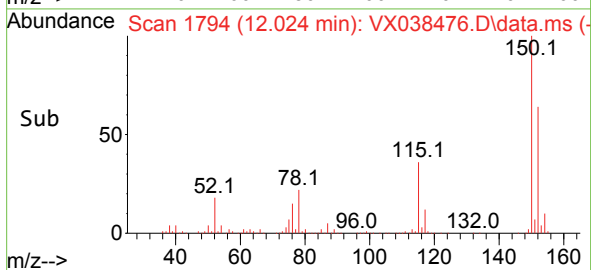
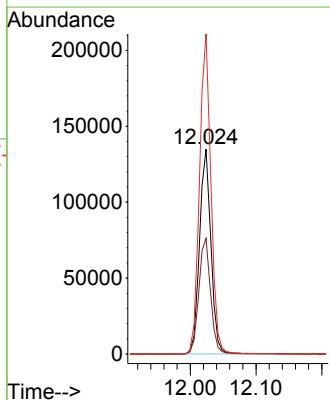
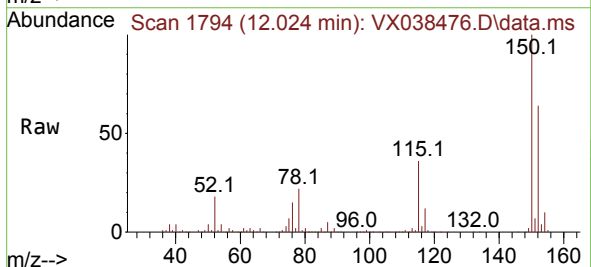


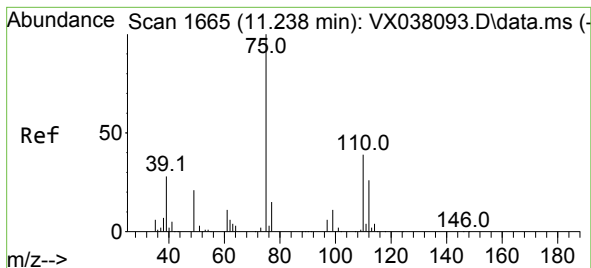
Tgt Ion:164 Resp: 949
Ion Ratio Lower Upper
164 100
166 154.8 102.7 154.1#
129 104.9 80.4 120.6
131 103.1 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX038476.D
Acq: 25 Oct 2023 13:48

Tgt Ion:152 Resp: 162958
Ion Ratio Lower Upper
152 100
115 58.0 43.3 129.9
150 156.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 19.732 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038476.D

Acq: 25 Oct 2023 13:48

Instrument :

MSVOA_X

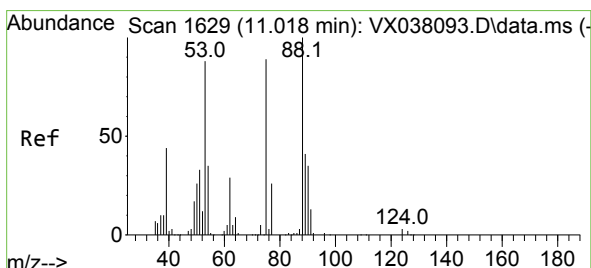
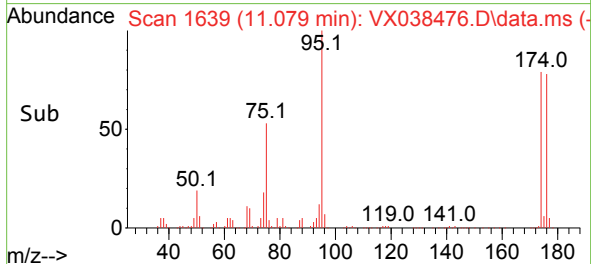
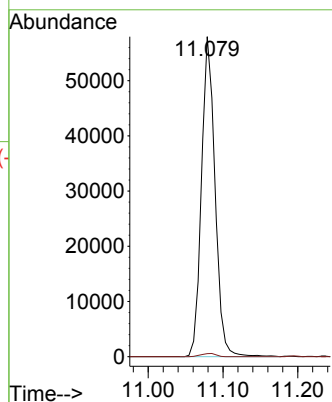
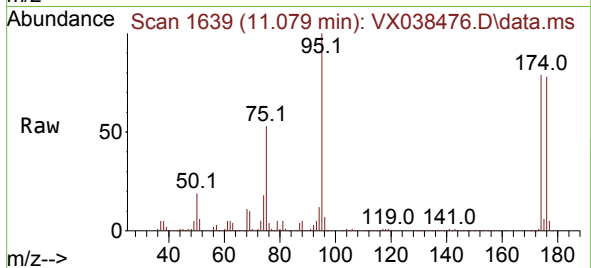
ClientSampleId :

Tgt Ion: 75 Resp: 73101

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 57.003 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038476.D

Acq: 25 Oct 2023 13:48

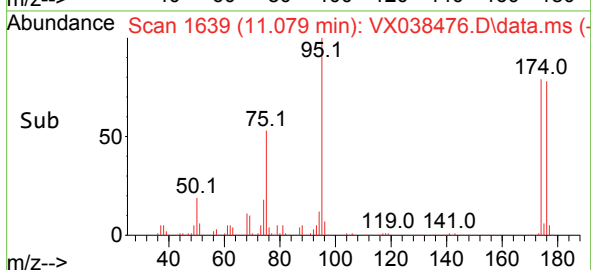
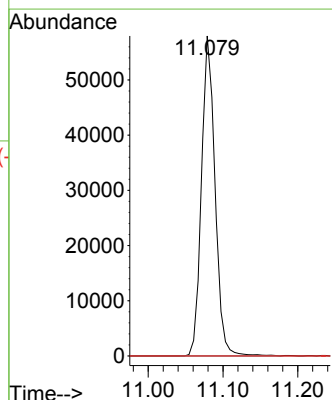
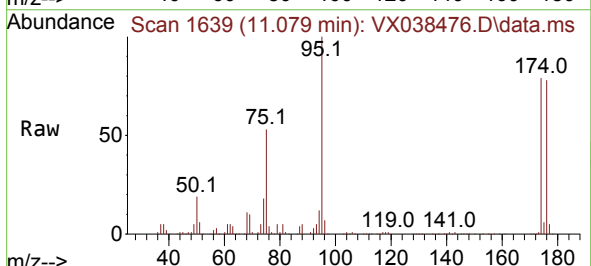
Tgt Ion: 75 Resp: 73101

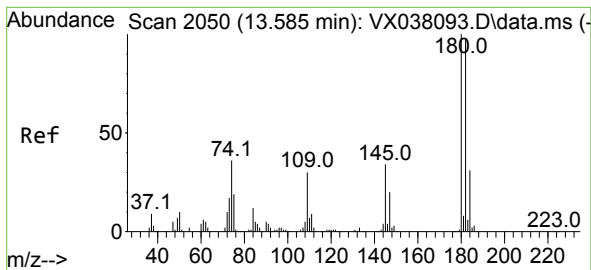
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

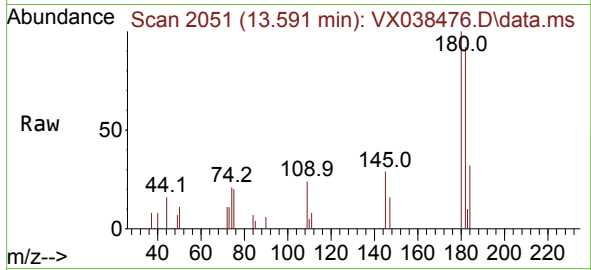
89 0.0 36.9 55.3#





#93
 1,2,4-Trichlorobenzene
 Concen: 0.480 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX038476.D
 Acq: 25 Oct 2023 13:48

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	1660
Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.3	144.8
145	29.2	18.0	54.0

