

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
 Data File : VX038445.D
 Acq On : 23 Oct 2023 20:06
 Operator : JC/MD
 Sample : 04980-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 24 00:08:03 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	131652	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	236898	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123010	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93753	44.275	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.540%
35) Dibromofluoromethane	5.385	113	77989	45.688	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.380%
50) Toluene-d8	8.647	98	291789	44.733	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.460%#
62) 4-Bromofluorobenzene	11.079	95	110424	44.654	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.300%

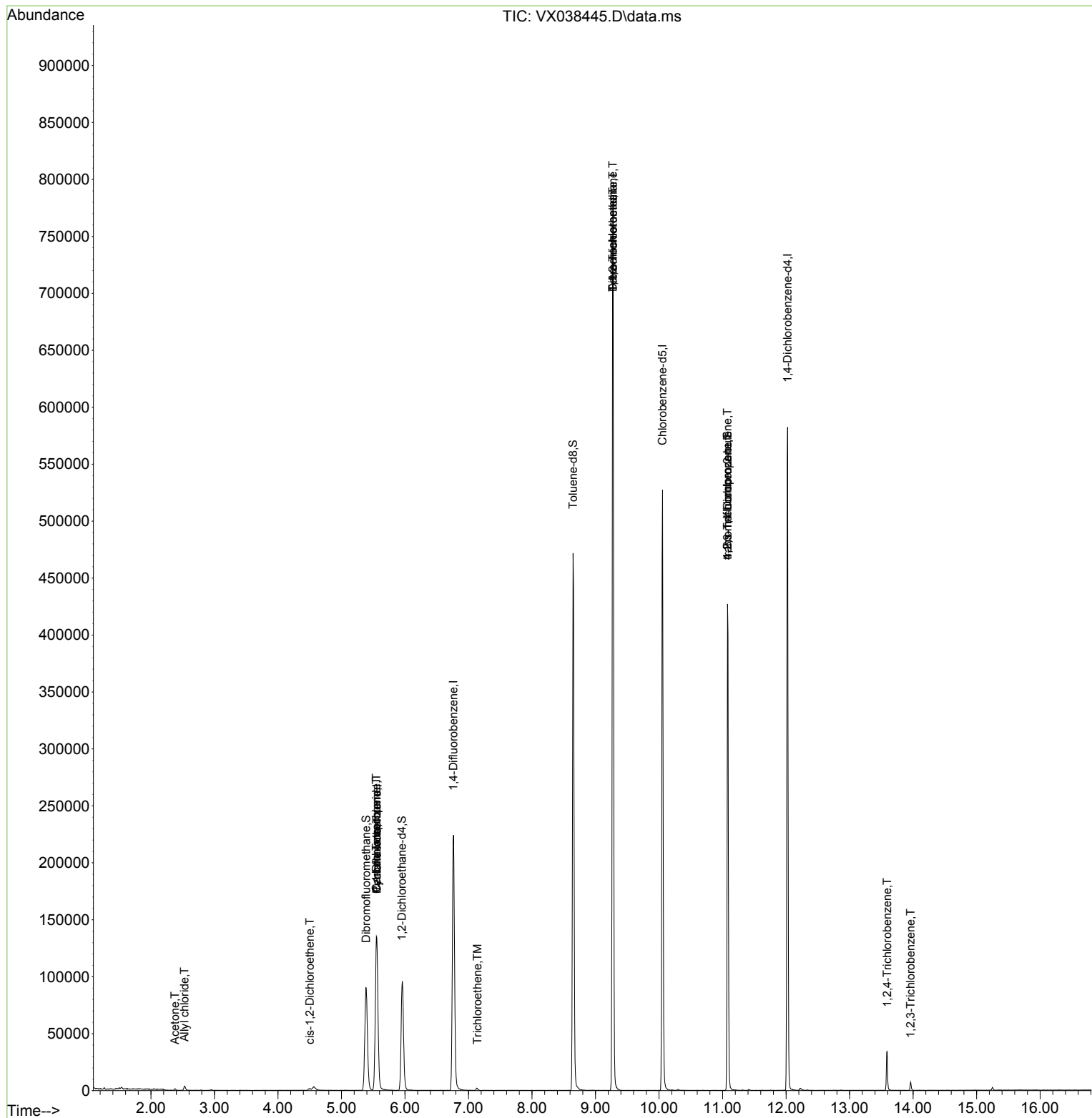
Target Compounds					Qvalue
5) Bromomethane	1.538	94	54	Below Cal	# 3
6) Chloroethane	1.679	64	19	Below Cal	# 43
11) Tert butyl alcohol	2.959	59	489	Below Cal	# 78
14) Allyl chloride	2.526	41	451	0.209	ug/l # 59
16) Acetone	2.380	43	1250	1.414	ug/l # 57
27) cis-1,2-Dichloroethene	4.501	96	1177	0.663	ug/l # 89
31) Cyclohexane	5.556	56	2905	1.266	ug/l # 30
36) 1,1-Dichloropropene	5.550	75	10480	4.452	ug/l # 51
38) Carbon Tetrachloride	5.550	117	13663	5.900	ug/l # 16
44) Trichloroethene	7.141	130	838	0.487	ug/l # 77
55) 1,1,2-Trichloroethane	9.275	97	1248	0.680	ug/l # 1
60) Dibromochloromethane	9.275	129	135611	75.534	ug/l # 11
64) Tetrachloroethene	9.275	164	139118	88.713	ug/l # 99
76) 1,2,3-Trichloropropane	11.079	75	60510	21.638	ug/l # 38
81) trans-1,4-Dichloro-2-b...	11.079	75	60510	62.118	ug/l # 5
93) 1,2,4-Trichlorobenzene	13.591	180	8712	3.340	ug/l # 96
96) 1,2,3-Trichlorobenzene	13.963	180	2207	0.874	ug/l # 88

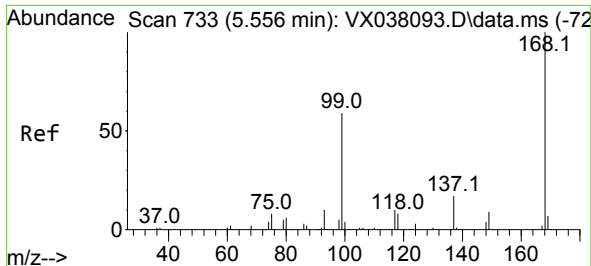
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

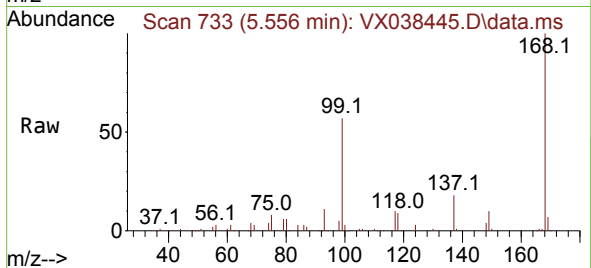
Quant Time: Oct 24 00:08:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



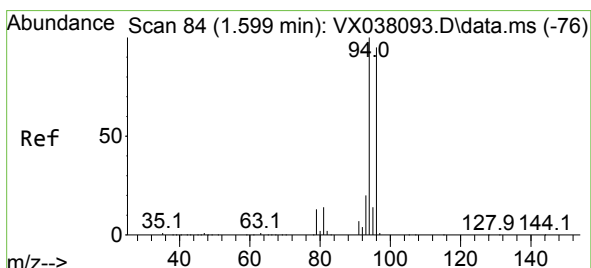
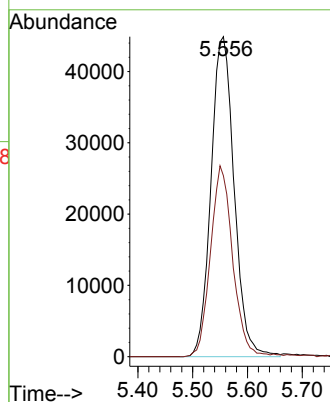
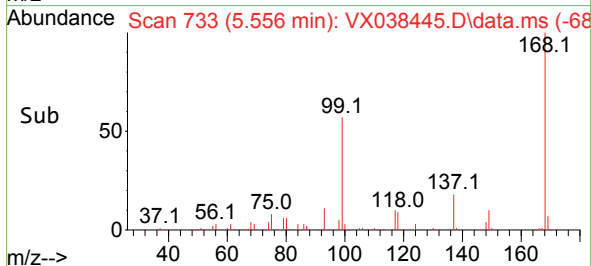


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038445.D
Acq: 23 Oct 2023 20:06

Instrument :
MSVOA_X
ClientSampleId :

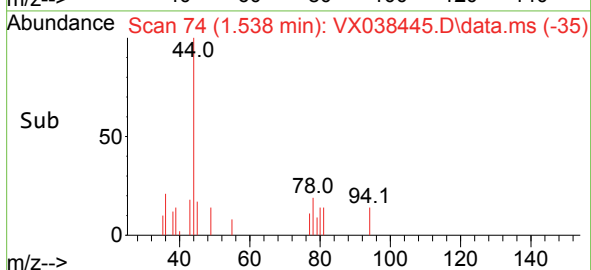
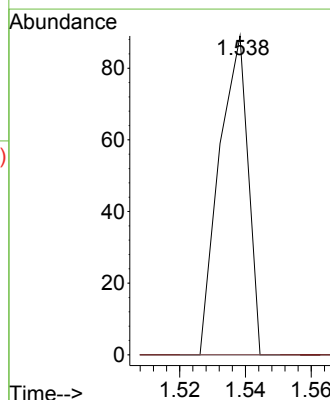
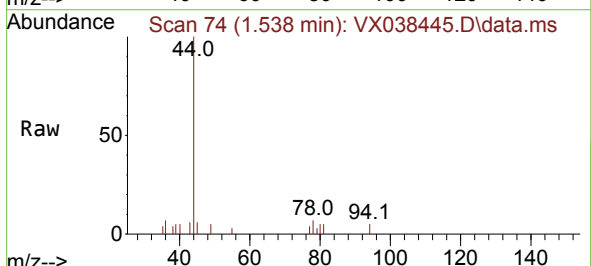


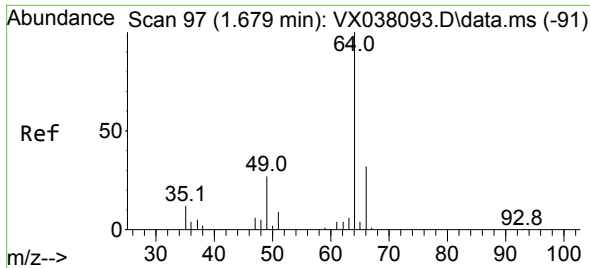
Tgt Ion:168 Resp: 131652
Ion Ratio Lower Upper
168 100
99 56.5 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.538 min Scan# 74
Delta R.T. -0.061 min
Lab File: VX038445.D
Acq: 23 Oct 2023 20:06

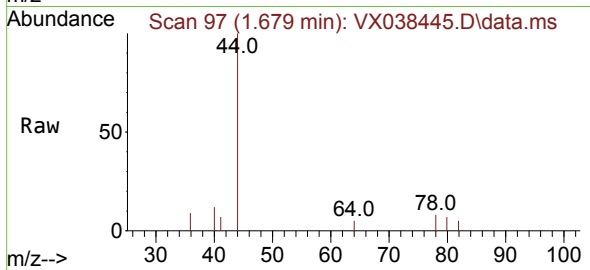
Tgt Ion: 94 Resp: 54
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



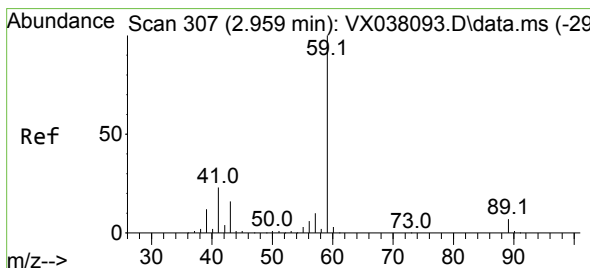
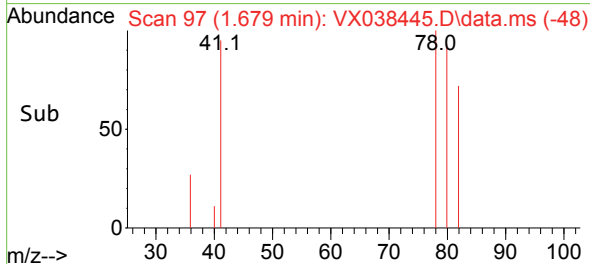
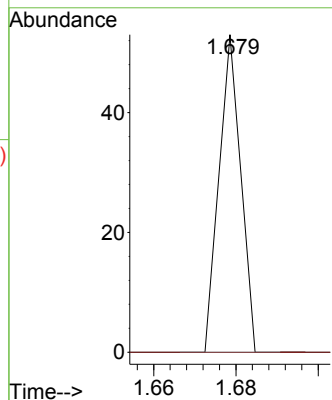


#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038445.D
Acq: 23 Oct 2023 20:06

Instrument :
MSVOA_X
ClientSampleId :

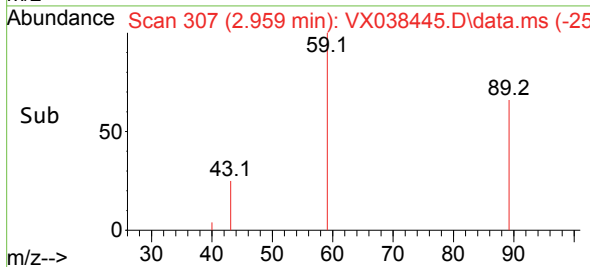
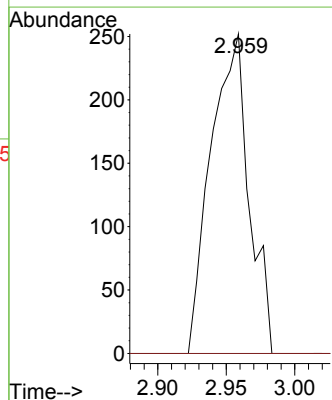
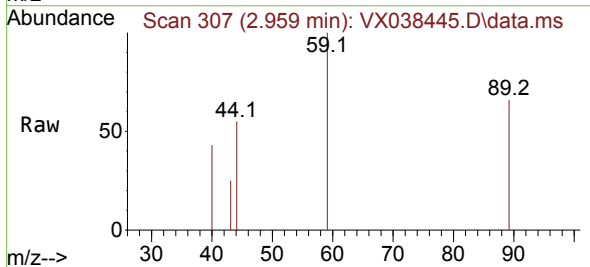


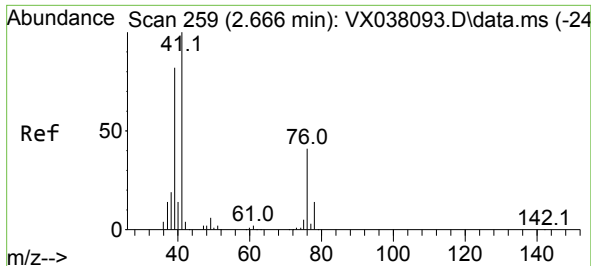
Tgt Ion: 64 Resp: 19
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX038445.D
Acq: 23 Oct 2023 20:06

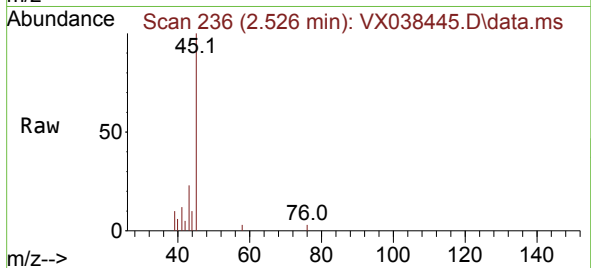
Tgt Ion: 59 Resp: 489
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



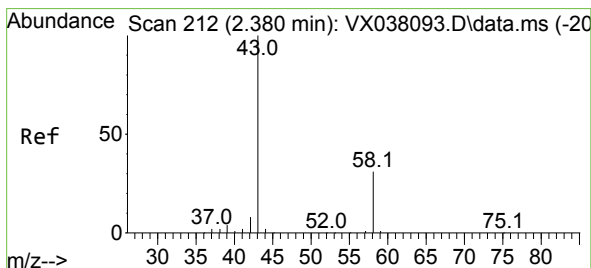
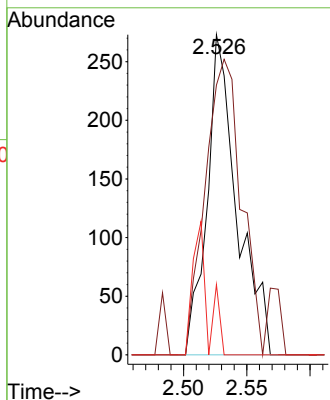
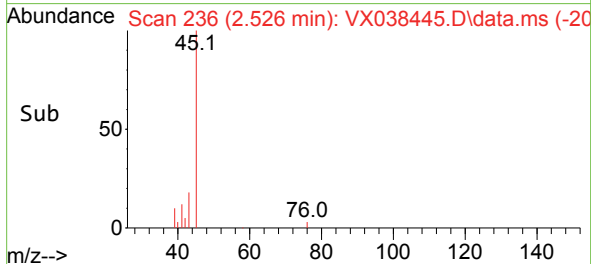


#14
 Allyl chloride
 Concen: 0.209 ug/l
 RT: 2.526 min Scan# 21
 Delta R.T. -0.134 min
 Lab File: VX038445.D
 Acq: 23 Oct 2023 20:06

Instrument :
 MSVOA_X
 ClientSampleId :

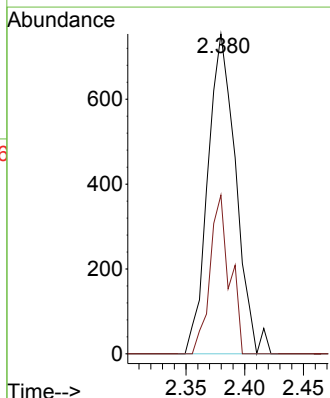
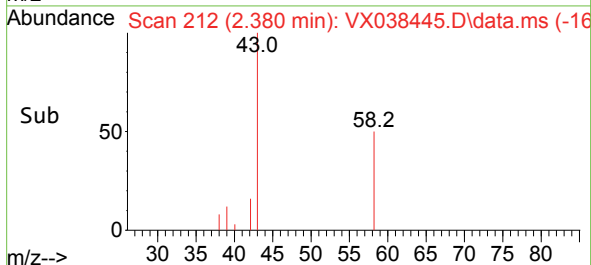
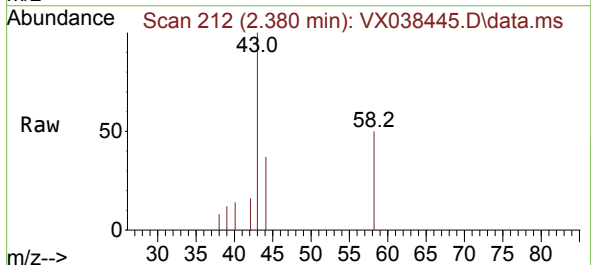


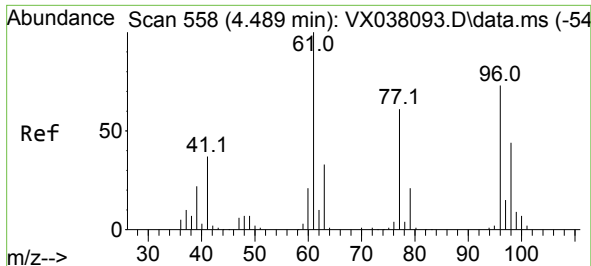
Tgt Ion: 41 Resp: 451
 Ion Ratio Lower Upper
 41 100
 39 111.1 55.8 83.6#
 76 20.8 24.3 36.5#



#16
 Acetone
 Concen: 1.414 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VX038445.D
 Acq: 23 Oct 2023 20:06

Tgt Ion: 43 Resp: 1250
 Ion Ratio Lower Upper
 43 100
 58 49.6 21.9 32.9#





#27

cis-1,2-Dichloroethene

Concen: 0.663 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.012 min

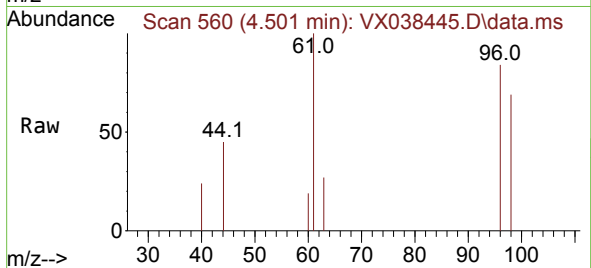
Lab File: VX038445.D

Acq: 23 Oct 2023 20:06

Instrument :

MSVOA_X

ClientSampleId :



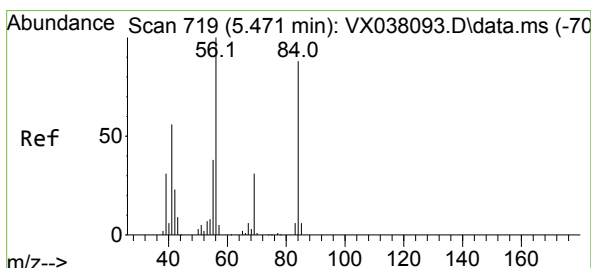
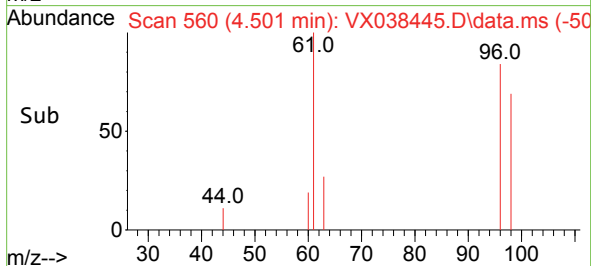
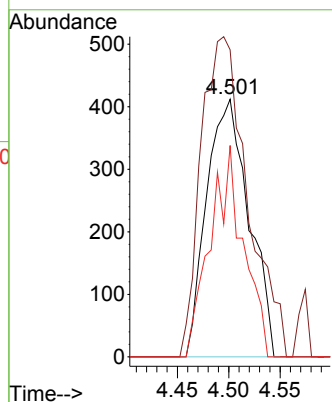
Tgt Ion: 96 Resp: 1177

Ion Ratio Lower Upper

96 100

61 136.9 0.0 312.2

98 64.2 0.0 129.0



#31

Cyclohexane

Concen: 1.266 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX038445.D

Acq: 23 Oct 2023 20:06

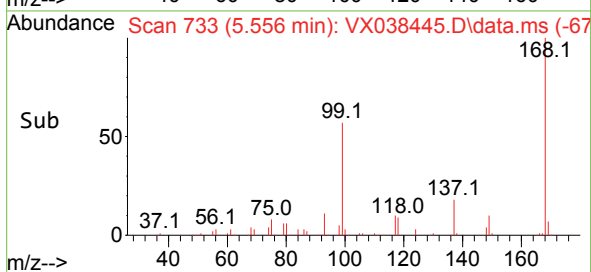
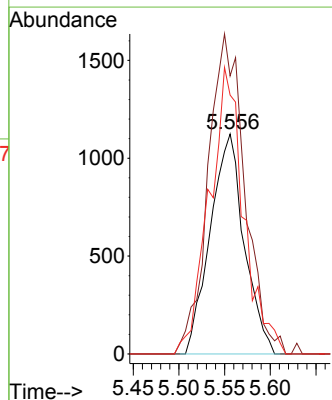
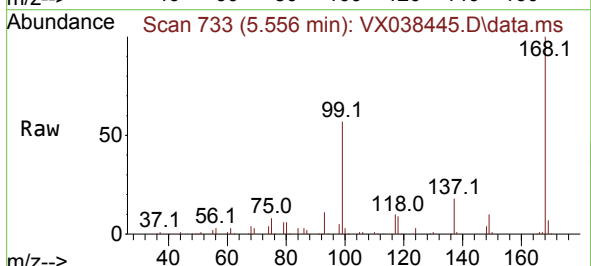
Tgt Ion: 56 Resp: 2905

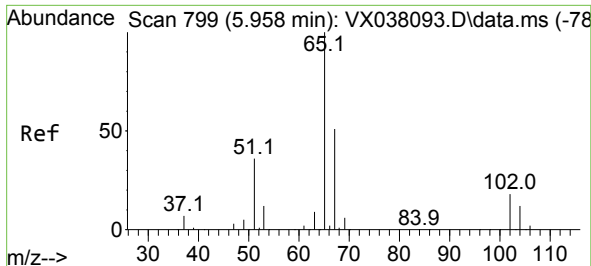
Ion Ratio Lower Upper

56 100

69 121.7 23.4 35.2#

84 112.7 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.275 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038445.D

Acq: 23 Oct 2023 20:06

Instrument :

MSVOA_X

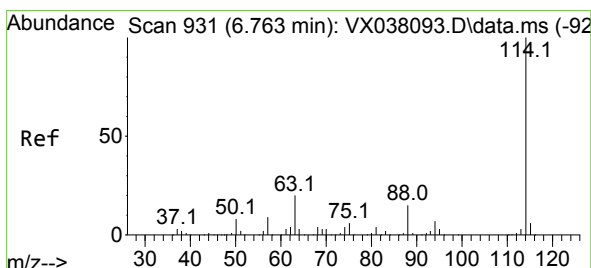
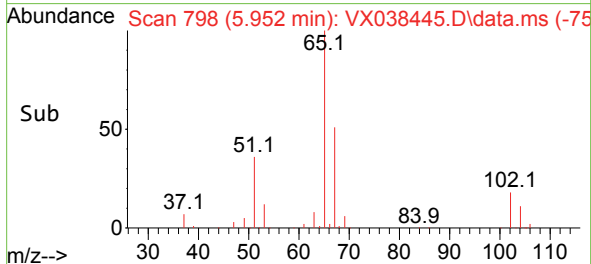
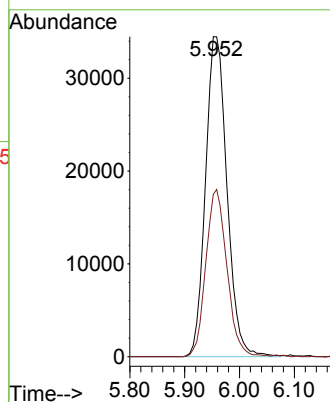
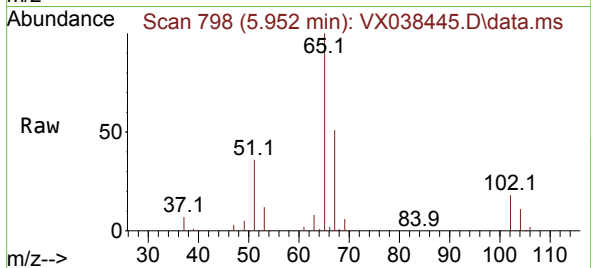
ClientSampleId :

Tgt Ion: 65 Resp: 93753

Ion Ratio Lower Upper

65 100

67 51.2 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: VX038445.D

Acq: 23 Oct 2023 20:06

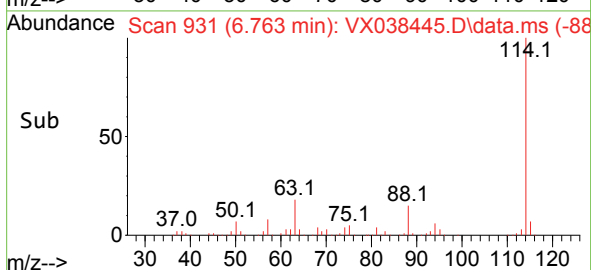
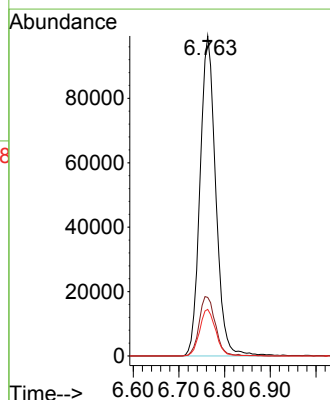
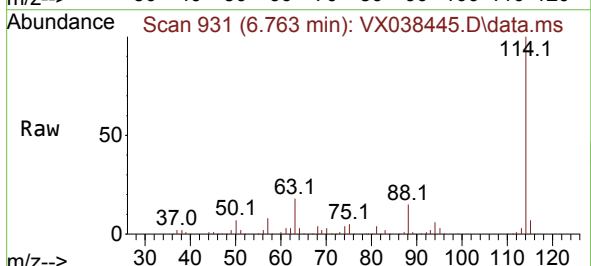
Tgt Ion:114 Resp: 236898

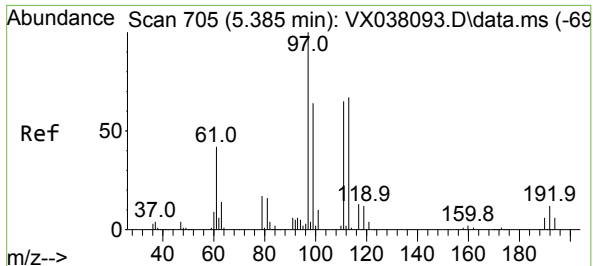
Ion Ratio Lower Upper

114 100

63 18.3 0.0 45.0

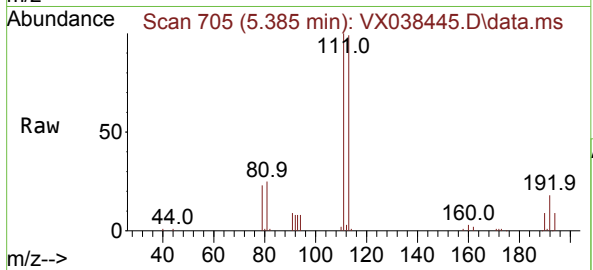
88 14.5 0.0 36.6



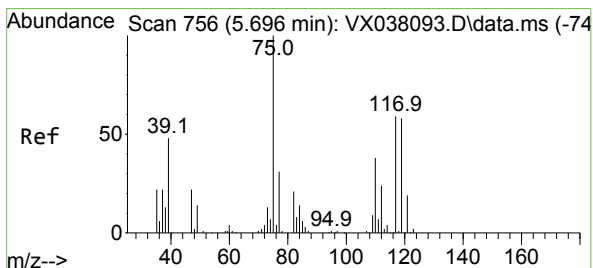
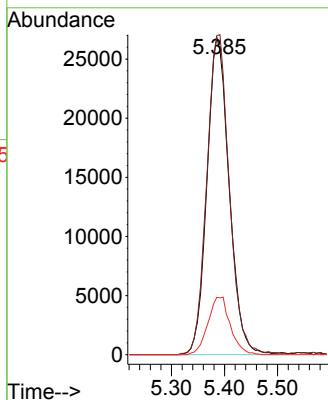
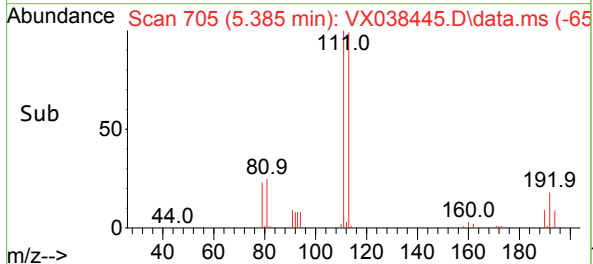


#35
Dibromofluoromethane
Concen: 45.688 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038445.D
Acq: 23 Oct 2023 20:06

Instrument :
MSVOA_X
ClientSampleId :

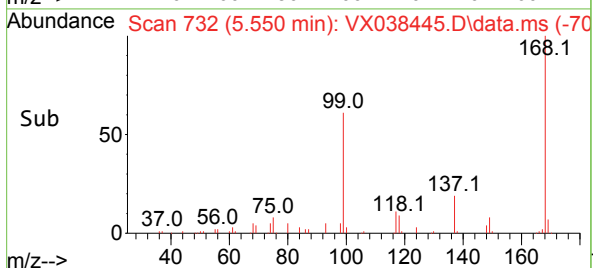
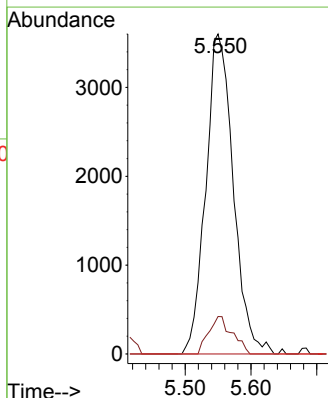
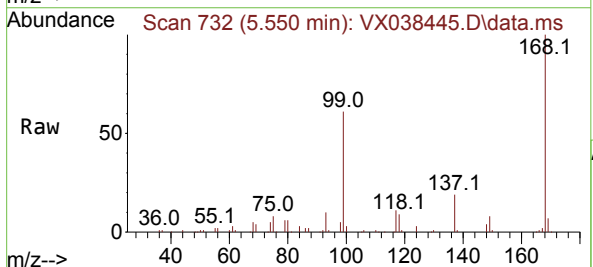


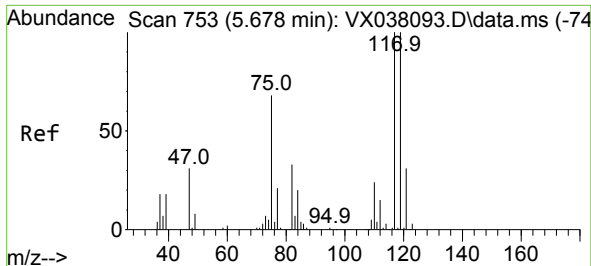
Tgt Ion:113 Resp: 77989
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 18.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.452 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038445.D
Acq: 23 Oct 2023 20:06

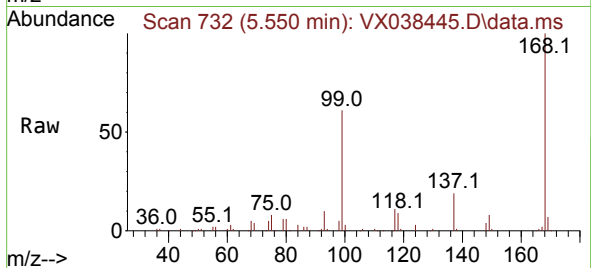
Tgt Ion: 75 Resp: 10480
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#



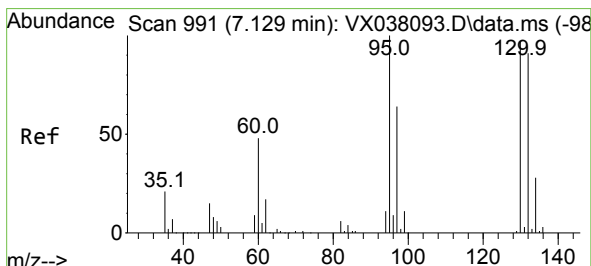
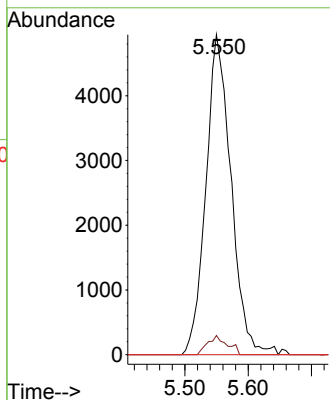
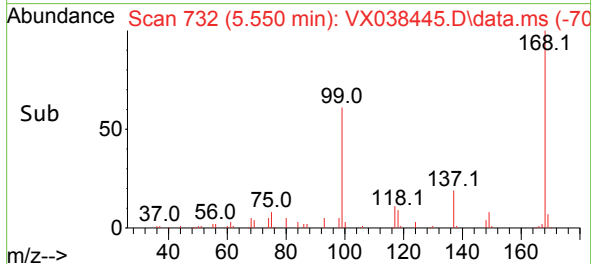


#38
Carbon Tetrachloride
Concen: 5.900 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038445.D
Acq: 23 Oct 2023 20:06

Instrument :
MSVOA_X
ClientSampleId :

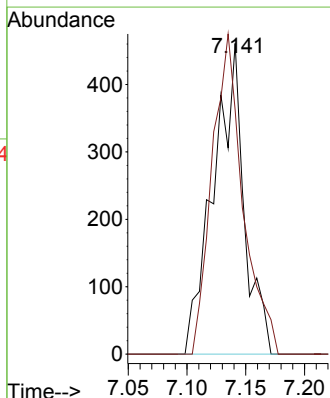
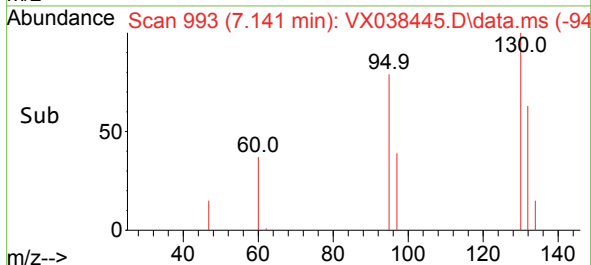
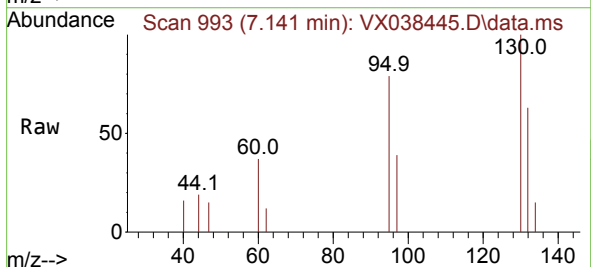


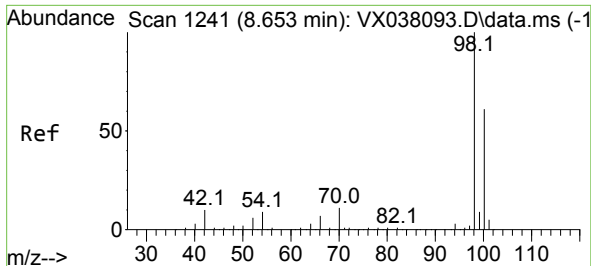
Tgt Ion:117 Resp: 13663
Ion Ratio Lower Upper
117 100
119 6.0 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.487 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX038445.D
Acq: 23 Oct 2023 20:06

Tgt Ion:130 Resp: 838
Ion Ratio Lower Upper
130 100
95 78.5 0.0 204.4

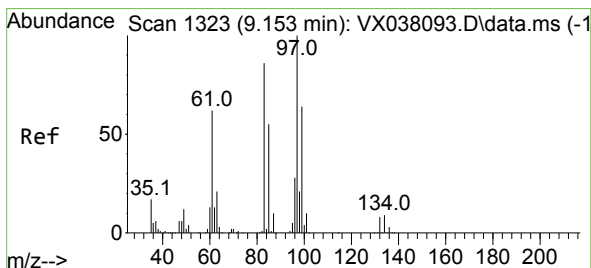
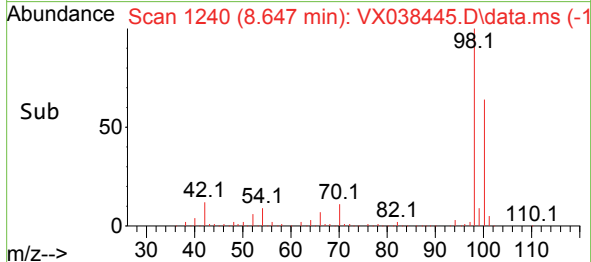
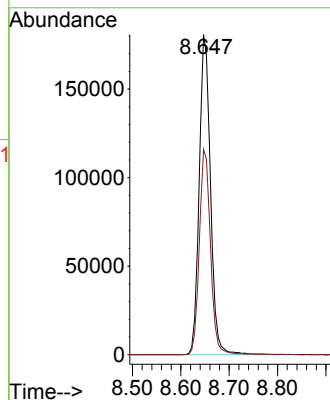
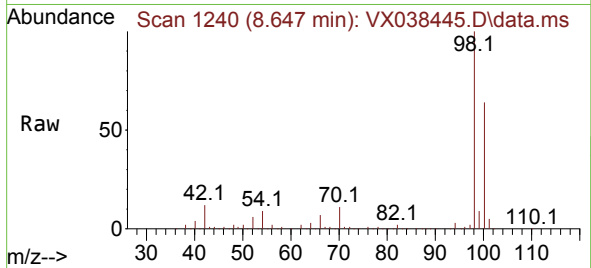




#50
Toluene-d8
Concen: 44.733 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038445.D
Acq: 23 Oct 2023 20:06

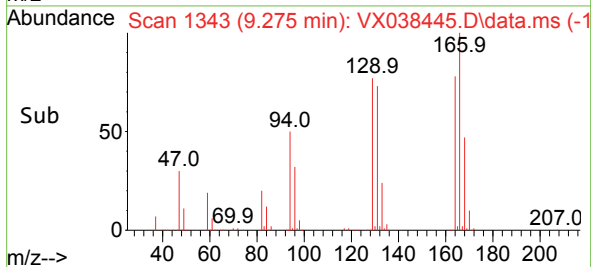
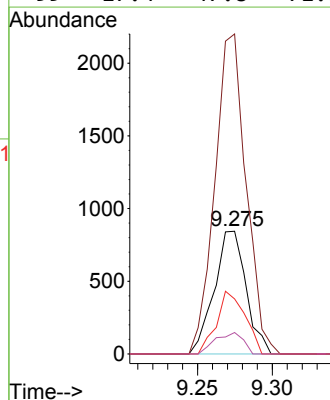
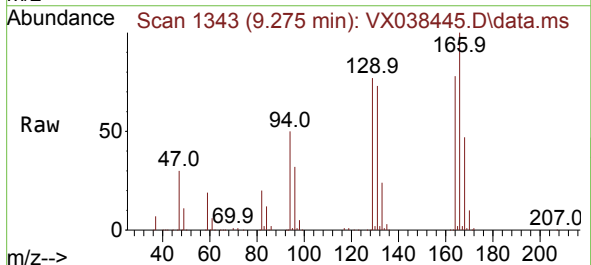
Instrument :
MSVOA_X
ClientSampleId :

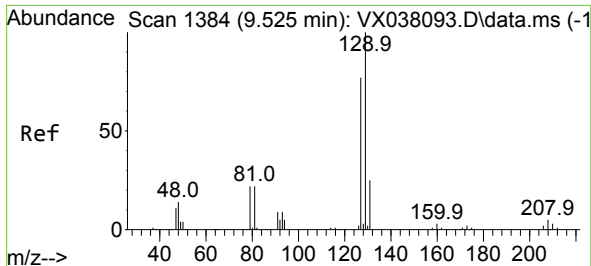
Tgt Ion: 98 Resp: 291789
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#55
1,1,2-Trichloroethane
Concen: 0.680 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.122 min
Lab File: VX038445.D
Acq: 23 Oct 2023 20:06

Tgt Ion: 97 Resp: 1248
Ion Ratio Lower Upper
97 100
83 260.8 65.8 98.8#
85 44.9 41.6 62.4
99 17.4 47.8 71.8#

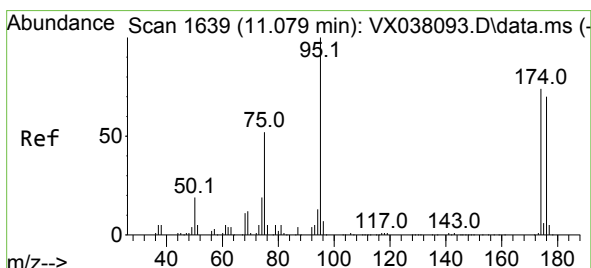
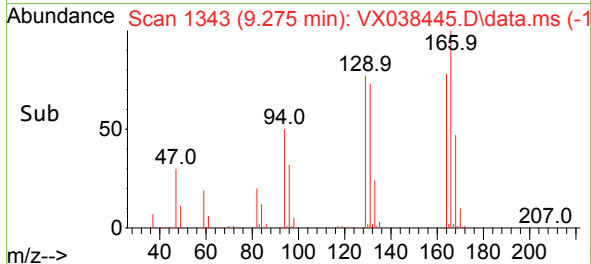
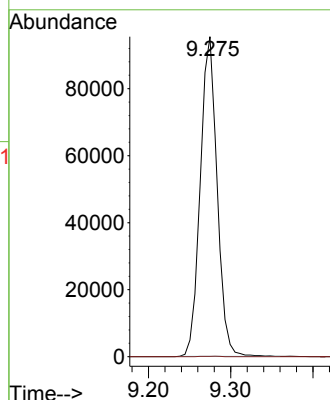
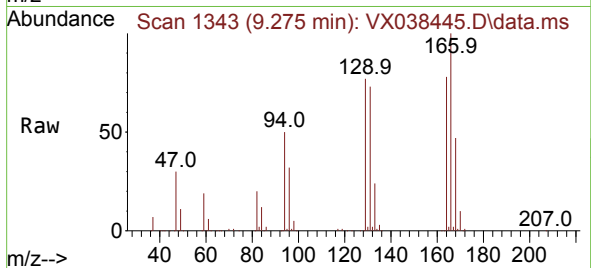




#60
Dibromochloromethane
Concen: 75.534 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX038445.D
Acq: 23 Oct 2023 20:06

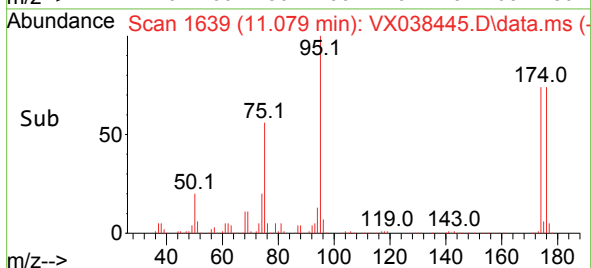
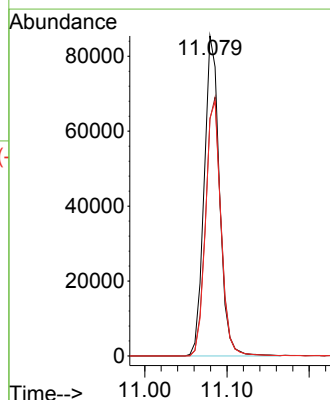
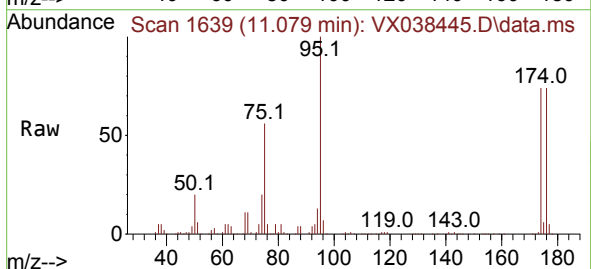
Instrument :
MSVOA_X
ClientSampleId :

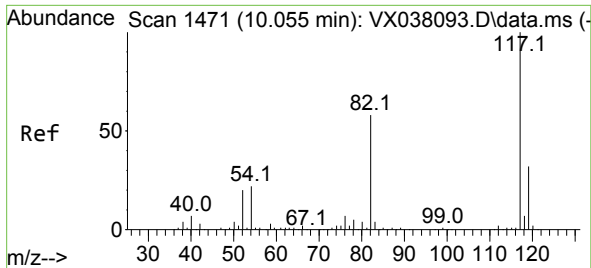
Tgt Ion:129 Resp: 135611
Ion Ratio Lower Upper
129 100
127 0.2 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 44.654 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038445.D
Acq: 23 Oct 2023 20:06

Tgt Ion: 95 Resp: 110424
Ion Ratio Lower Upper
95 100
174 81.4 0.0 135.6
176 80.2 0.0 131.0

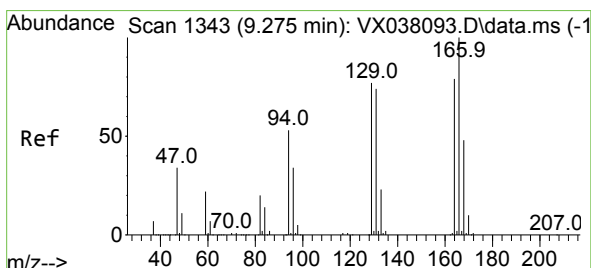
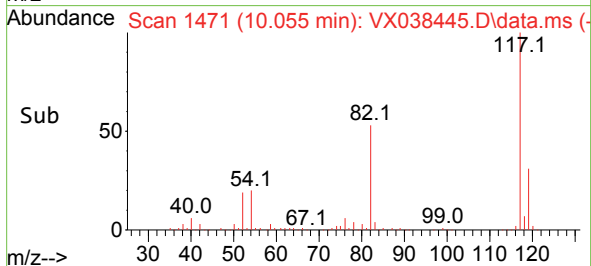
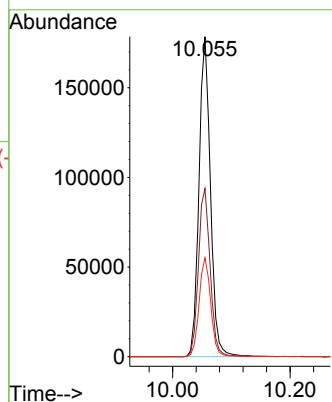
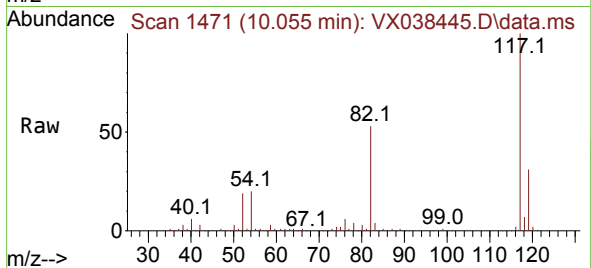




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038445.D
Acq: 23 Oct 2023 20:06

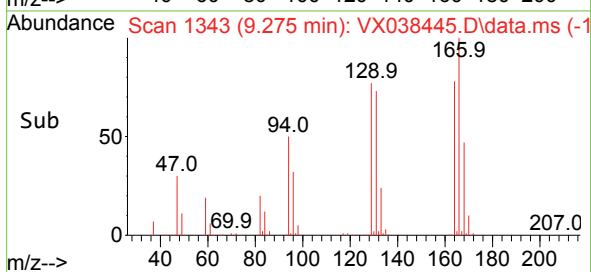
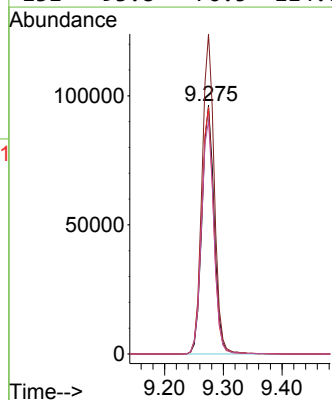
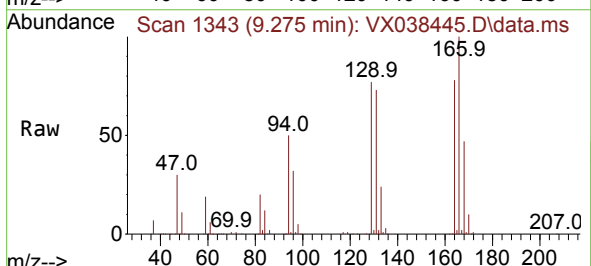
Instrument :
MSVOA_X
ClientSampleId :

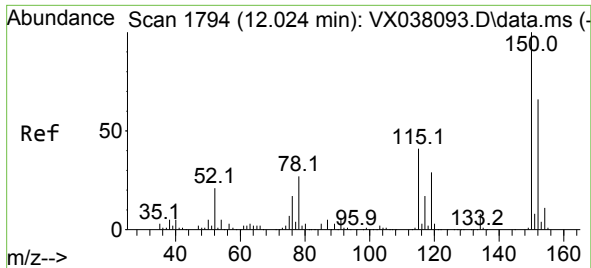
Tgt Ion:117 Resp: 242239
Ion Ratio Lower Upper
117 100
82 52.6 46.2 69.4
119 30.9 25.5 38.3



#64
Tetrachloroethene
Concen: 88.713 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038445.D
Acq: 23 Oct 2023 20:06

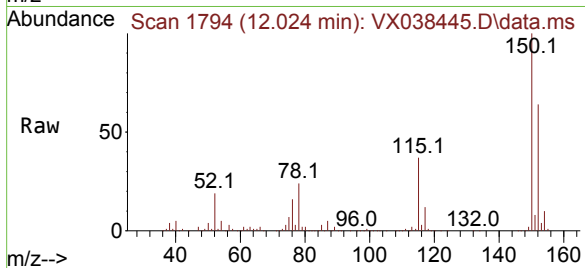
Tgt Ion:164 Resp: 139118
Ion Ratio Lower Upper
164 100
166 128.7 102.7 154.1
129 99.2 80.4 120.6
131 93.8 76.5 114.7



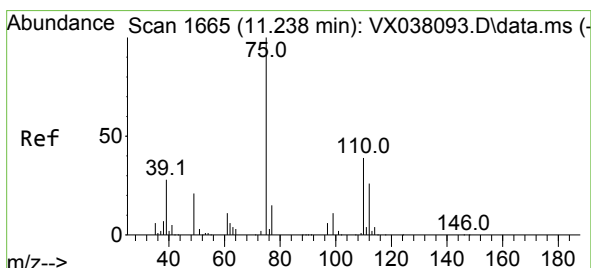
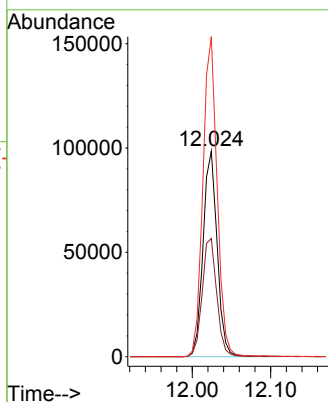
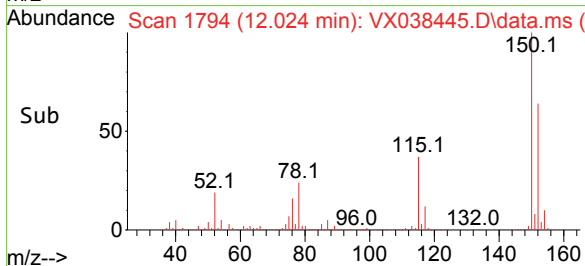


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038445.D
 Acq: 23 Oct 2023 20:06

Instrument :
 MSVOA_X
 ClientSampleId :

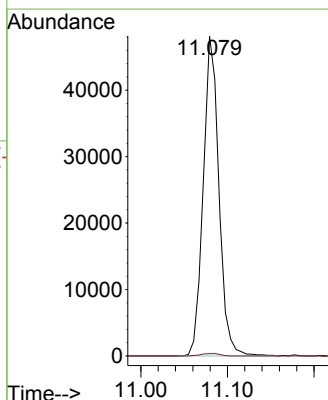
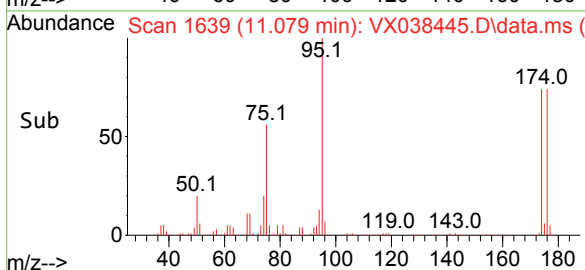
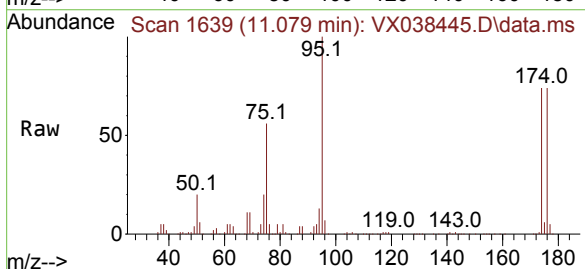


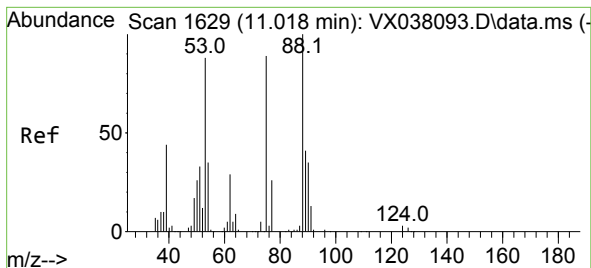
Tgt Ion:152 Resp: 123010
 Ion Ratio Lower Upper
 152 100
 115 59.4 43.3 129.9
 150 157.2 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 21.638 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038445.D
 Acq: 23 Oct 2023 20:06

Tgt Ion: 75 Resp: 60510
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#

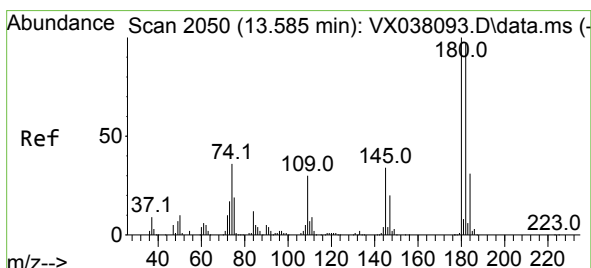
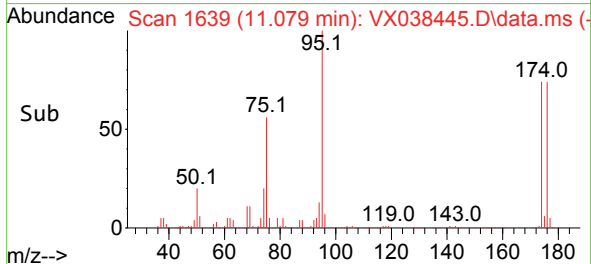
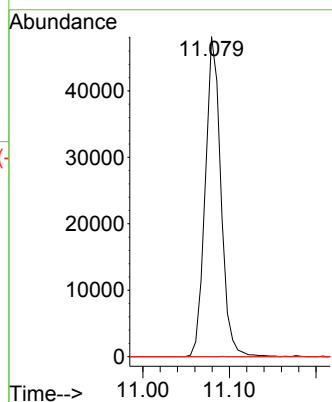
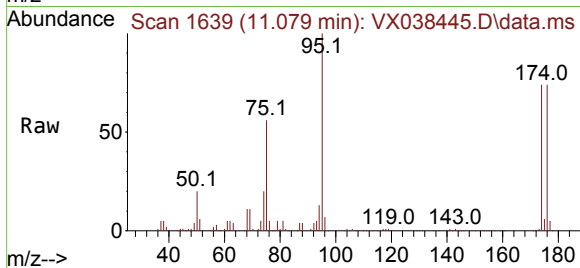




#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.118 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038445.D
 Acq: 23 Oct 2023 20:06

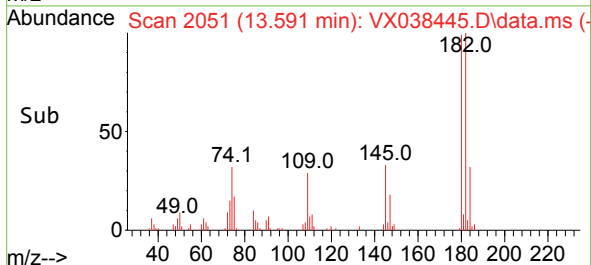
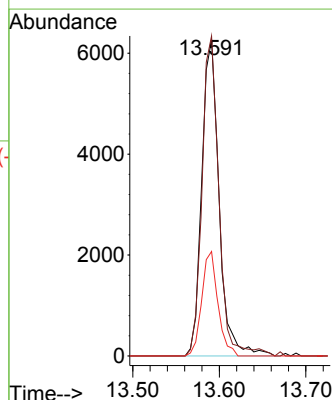
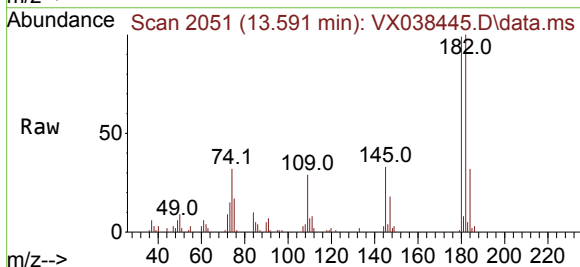
Instrument :
 MSVOA_X
 ClientSampleId :

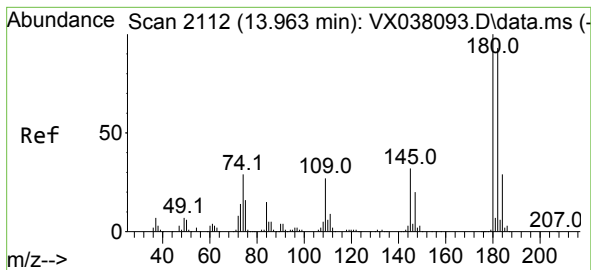
Tgt Ion: 75 Resp: 60510
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.340 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX038445.D
 Acq: 23 Oct 2023 20:06

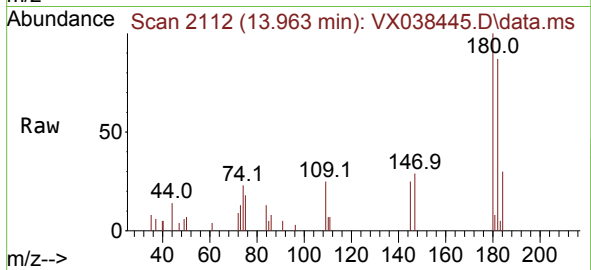
Tgt Ion:180 Resp: 8712
 Ion Ratio Lower Upper
 180 100
 182 98.6 48.3 144.8
 145 30.9 18.0 54.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.874 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX038445.D
 Acq: 23 Oct 2023 20:06

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 2207
 Ion Ratio Lower Upper
 180 100
 182 82.8 46.9 140.6
 145 27.5 17.8 53.5

