

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102623\
 Data File : VX038536.D
 Acq On : 26 Oct 2023 22:21
 Operator : JC/MD
 Sample : 05063-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 27 05:24:57 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)

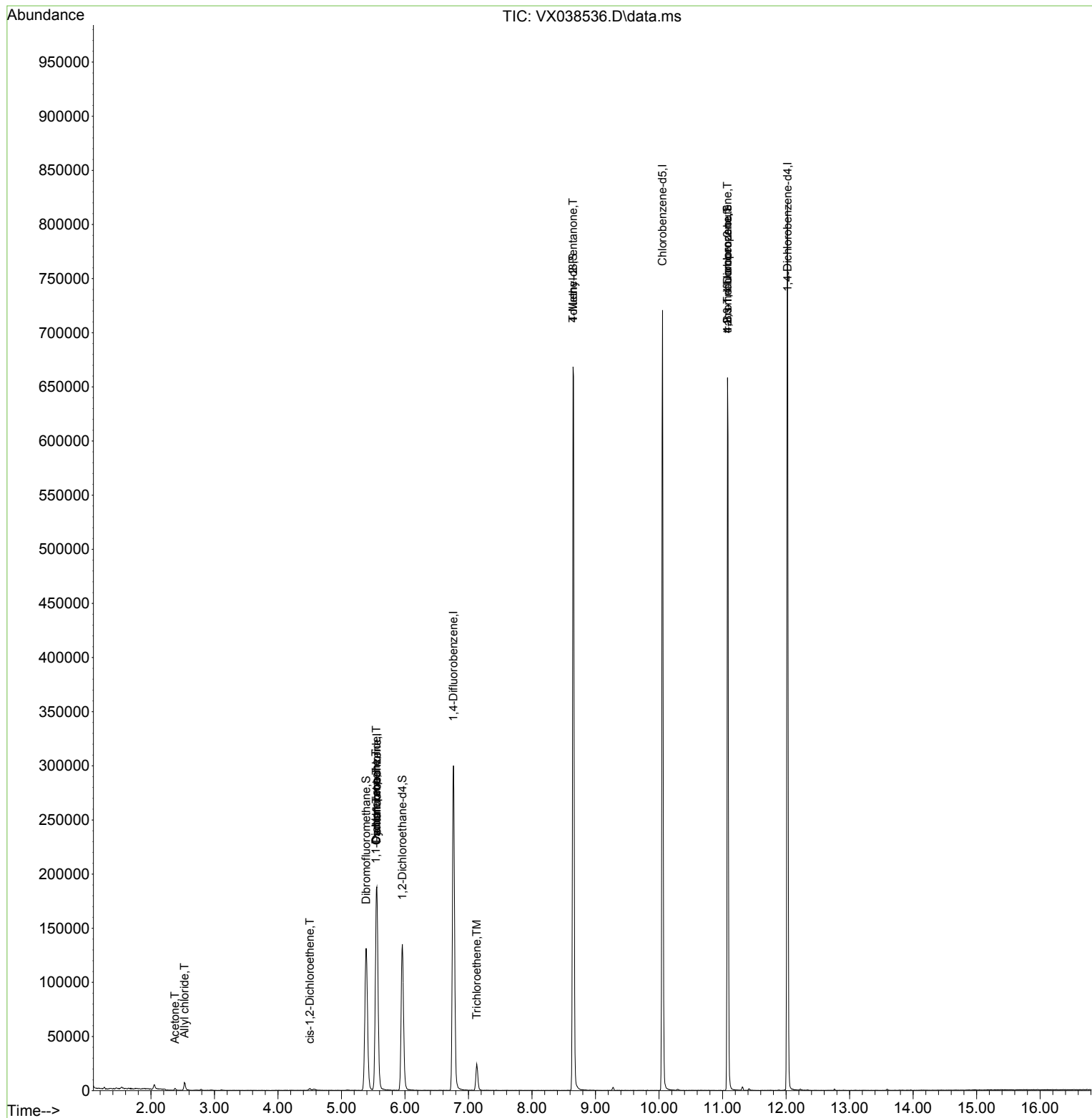
Internal Standards						
1) Pentafluorobenzene	5.556	168	191643	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	324729	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	333419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	183678	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	128146	41.573	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.140%
35) Dibromofluoromethane	5.385	113	116053	49.598	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.200%
50) Toluene-d8	8.646	98	423157	47.326	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.660%
62) 4-Bromofluorobenzene	11.079	95	169151	49.901	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.800%
Target Compounds						
						Qvalue
5) Bromomethane	1.629	94	49	Below Cal	#	3
6) Chloroethane	1.672	64	91	Below Cal	#	43
11) Tert butyl alcohol	2.958	59	284	Below Cal	#	78
14) Allyl chloride	2.526	41	822	0.262	ug/l #	38
16) Acetone	2.379	43	1824	1.418	ug/l	95
27) cis-1,2-Dichloroethene	4.501	96	1050	0.406	ug/l	83
31) Cyclohexane	5.549	56	3673	1.100	ug/l #	1
36) 1,1-Dichloropropene	5.543	75	13340	4.134	ug/l #	52
38) Carbon Tetrachloride	5.549	117	18502	5.829	ug/l #	15
44) Trichloroethene	7.128	130	9861	4.178	ug/l	98
51) 4-Methyl-2-Pentanone	8.646	43	1595	0.404	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	86916	20.815	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	86916	59.909	ug/l #	5

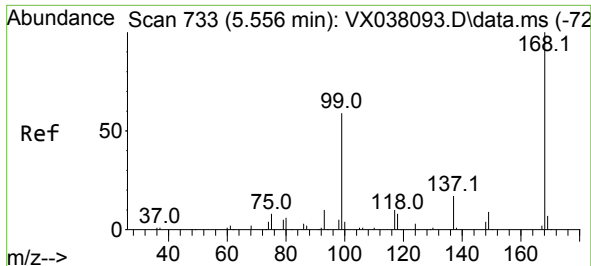
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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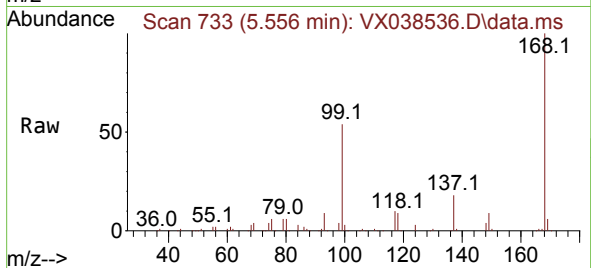
Quant Time: Oct 27 05:24:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



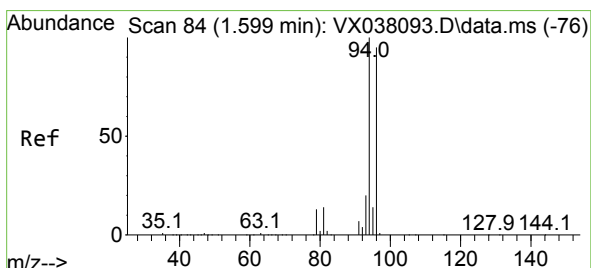
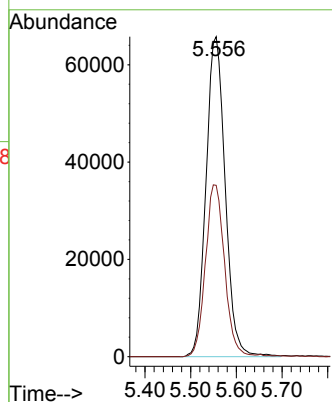
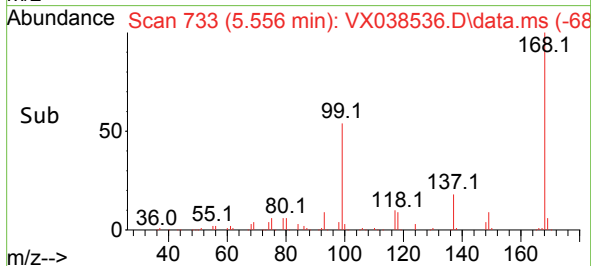


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038536.D
Acq: 26 Oct 2023 22:21

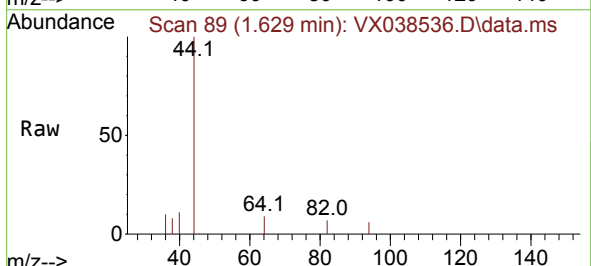
Instrument :
MSVOA_X
ClientSampleId :



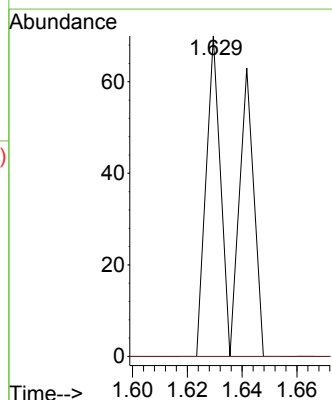
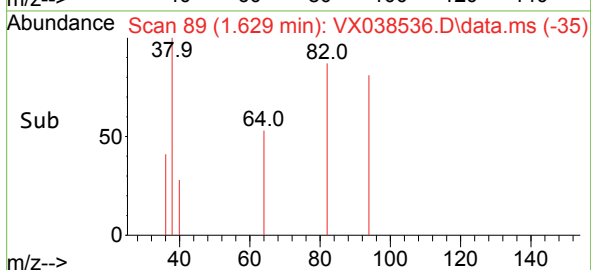
Tgt Ion:168 Resp: 191643
Ion Ratio Lower Upper
168 100
99 53.5 56.6 85.0#

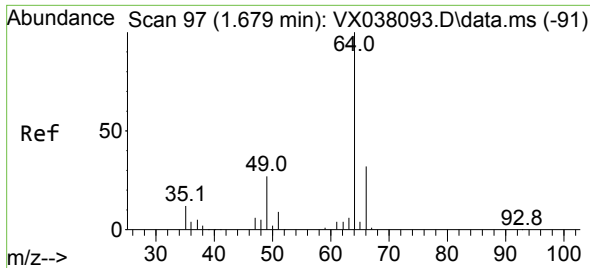


#5
Bromomethane
Concen: Below Cal
RT: 1.629 min Scan# 89
Delta R.T. 0.030 min
Lab File: VX038536.D
Acq: 26 Oct 2023 22:21



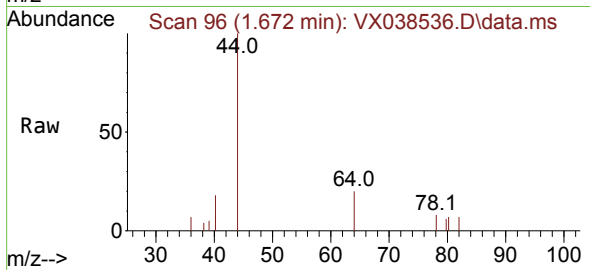
Tgt Ion: 94 Resp: 49
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



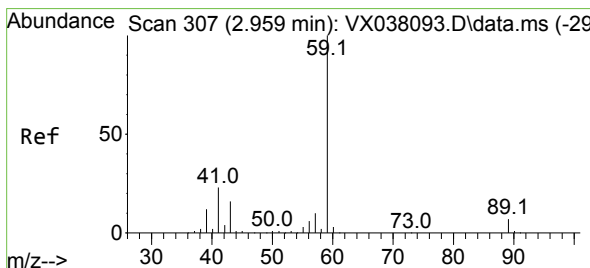
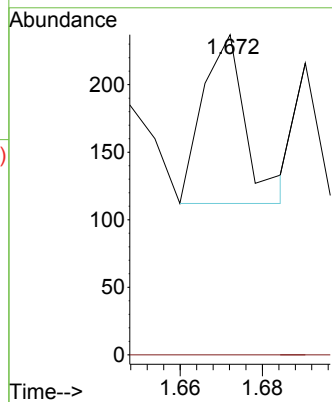
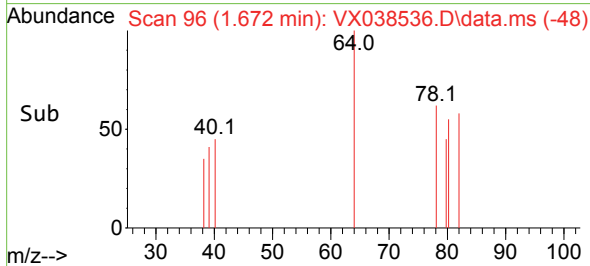


#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 91
Delta R.T. -0.007 min
Lab File: VX038536.D
Acq: 26 Oct 2023 22:21

Instrument :
MSVOA_X
ClientSampleId :

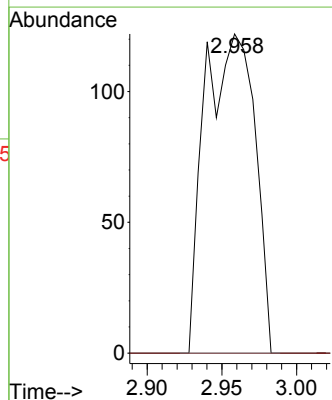
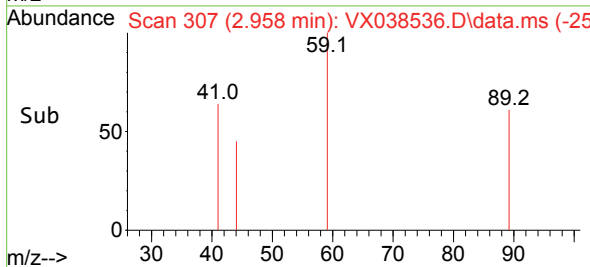
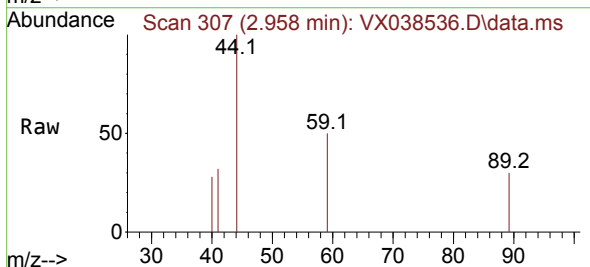


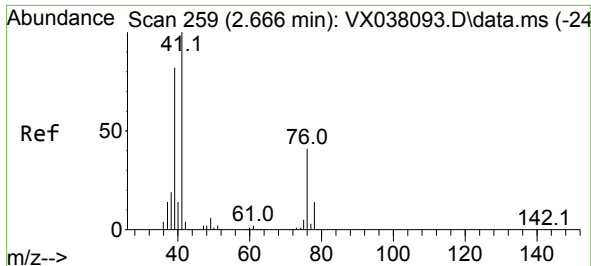
Tgt Ion: 64 Resp: 91
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.958 min Scan# 307
Delta R.T. -0.001 min
Lab File: VX038536.D
Acq: 26 Oct 2023 22:21

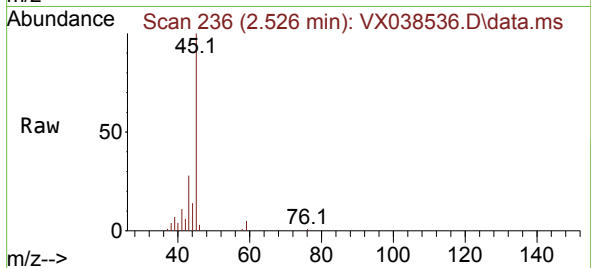
Tgt Ion: 59 Resp: 284
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



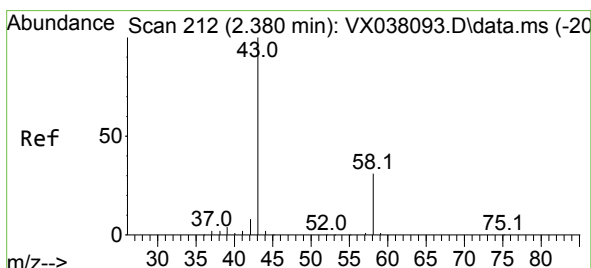
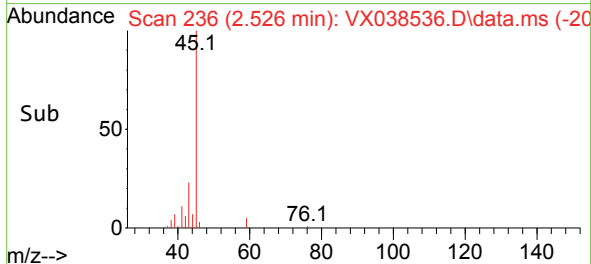
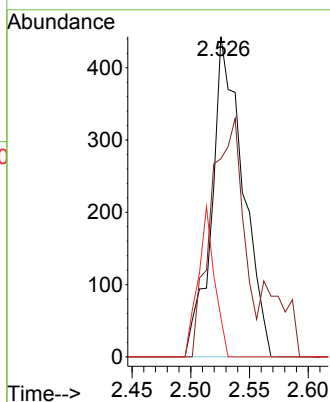


#14
 Allyl chloride
 Concen: 0.262 ug/l
 RT: 2.526 min Scan# 212
 Delta R.T. -0.134 min
 Lab File: VX038536.D
 Acq: 26 Oct 2023 22:21

Instrument :
 MSVOA_X
 ClientSampleId :

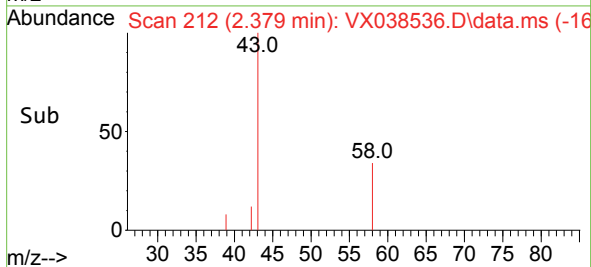
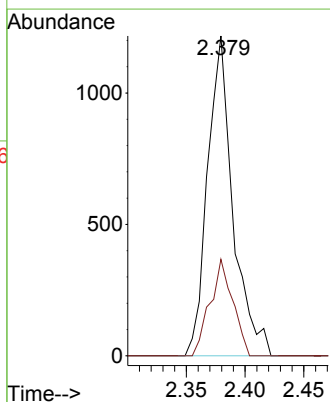
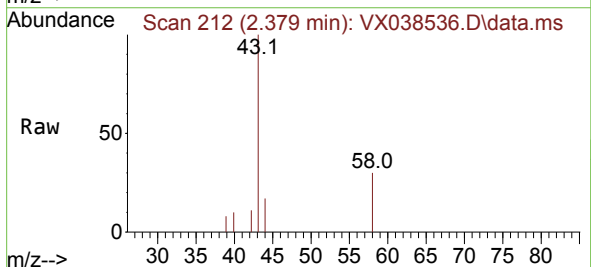


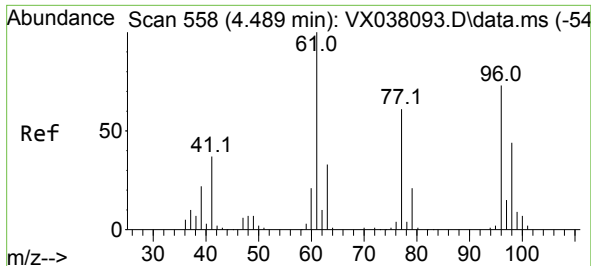
Tgt Ion: 41 Resp: 822
 Ion Ratio Lower Upper
 41 100
 39 0.0 55.8 83.6#
 76 24.7 24.3 36.5



#16
 Acetone
 Concen: 1.418 ug/l
 RT: 2.379 min Scan# 212
 Delta R.T. -0.001 min
 Lab File: VX038536.D
 Acq: 26 Oct 2023 22:21

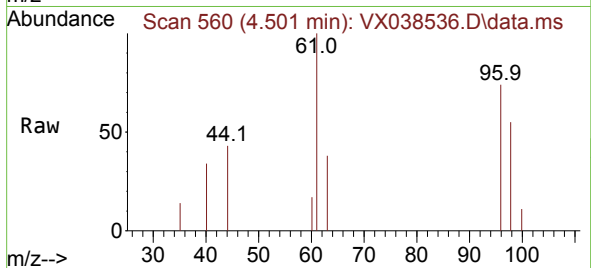
Tgt Ion: 43 Resp: 1824
 Ion Ratio Lower Upper
 43 100
 58 30.2 21.9 32.9



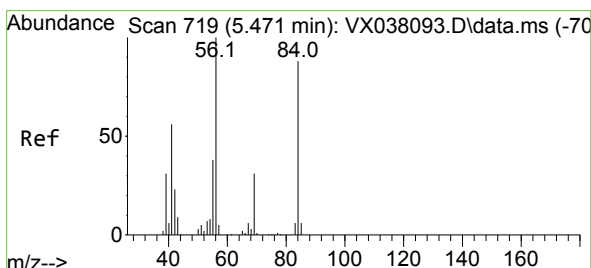
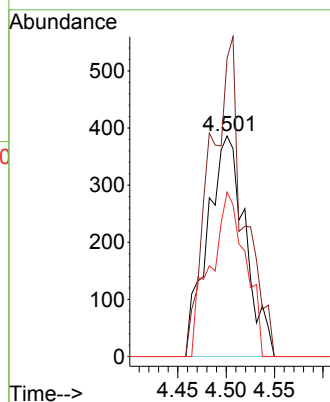
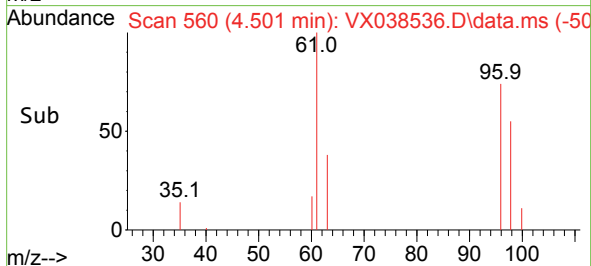


#27
 cis-1,2-Dichloroethene
 Concen: 0.406 ug/l
 RT: 4.501 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: VX038536.D
 Acq: 26 Oct 2023 22:21

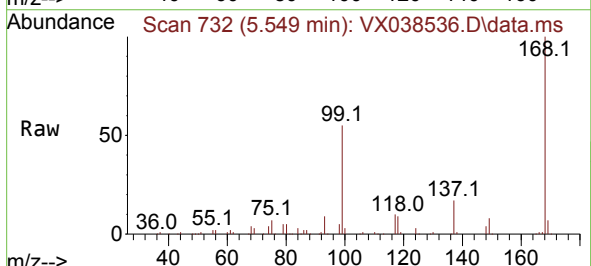
Instrument :
 MSVOA_X
 ClientSampleId :



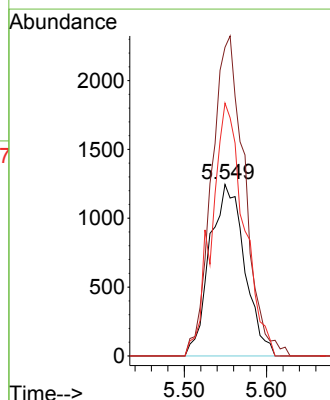
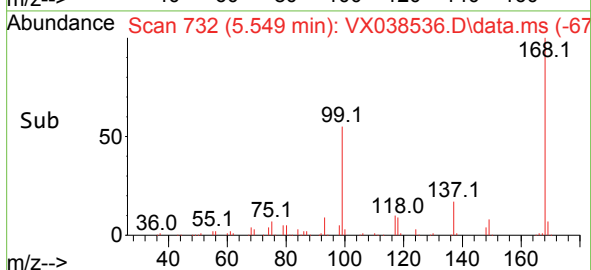
Tgt Ion: 96 Resp: 1050
 Ion Ratio Lower Upper
 96 100
 61 129.0 0.0 312.2
 98 69.7 0.0 129.0

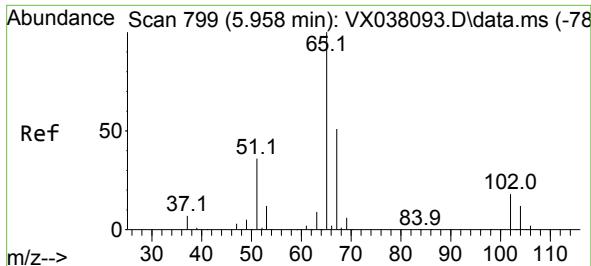


#31
 Cyclohexane
 Concen: 1.100 ug/l
 RT: 5.549 min Scan# 732
 Delta R.T. 0.078 min
 Lab File: VX038536.D
 Acq: 26 Oct 2023 22:21



Tgt Ion: 56 Resp: 3673
 Ion Ratio Lower Upper
 56 100
 69 179.9 23.4 35.2#
 84 147.4 65.9 98.9#

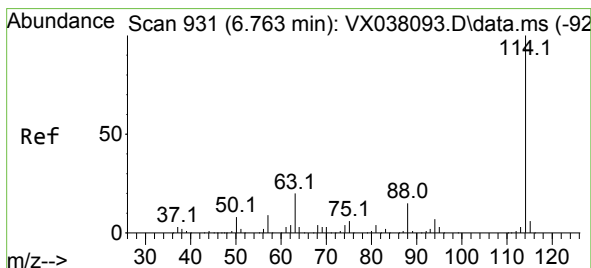
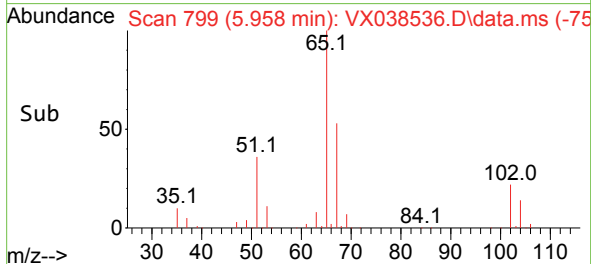
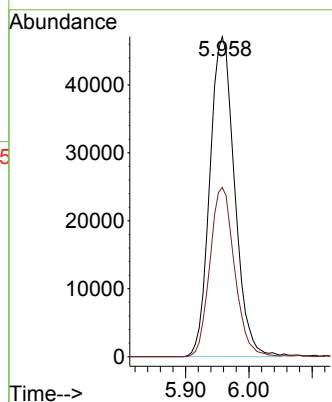
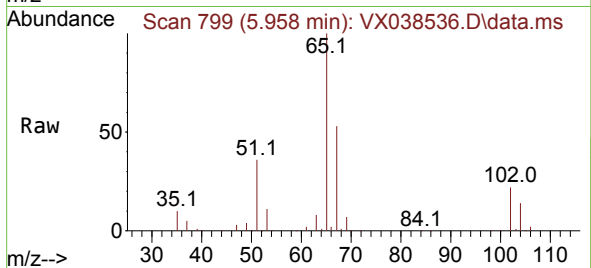




#33
 1,2-Dichloroethane-d4
 Concen: 41.573 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX038536.D
 Acq: 26 Oct 2023 22:21

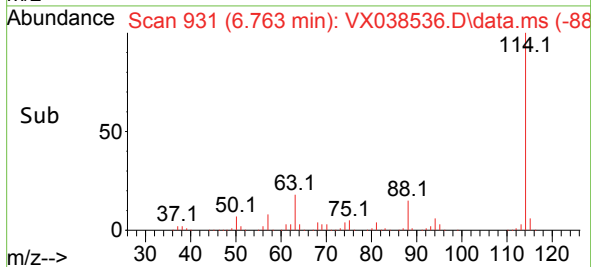
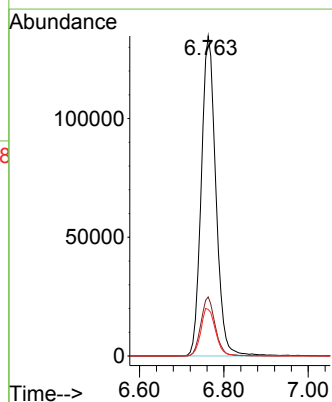
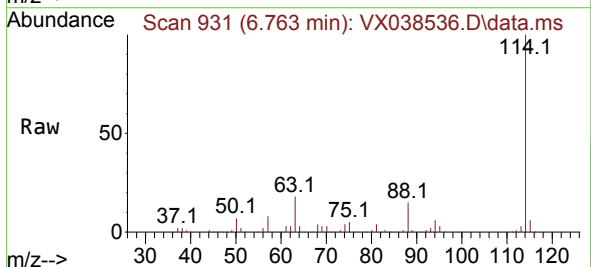
Instrument :
 MSVOA_X
 ClientSampleId :

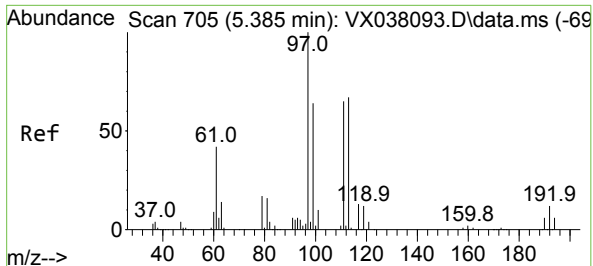
Tgt Ion: 65 Resp: 128146
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038536.D
 Acq: 26 Oct 2023 22:21

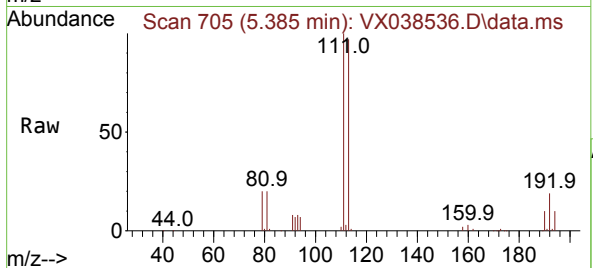
Tgt Ion:114 Resp: 324729
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 45.0
 88 14.6 0.0 36.6



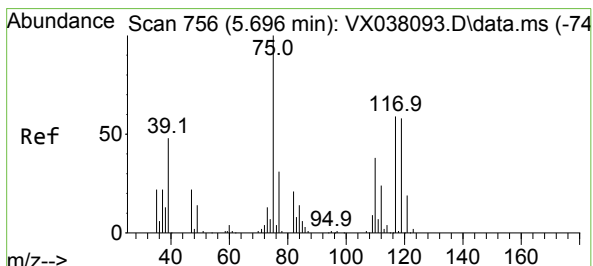
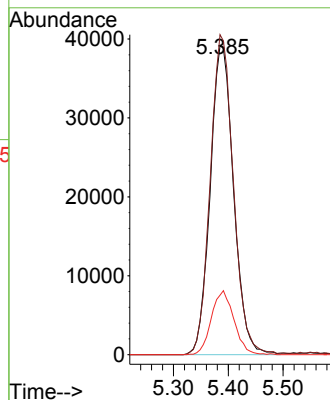
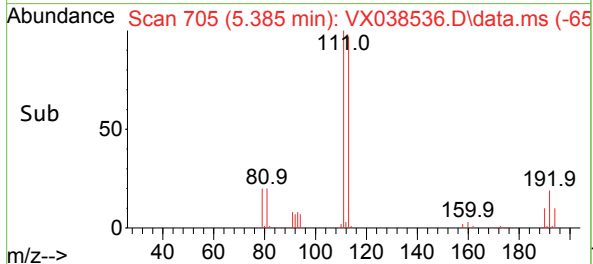


#35
Dibromofluoromethane
Concen: 49.598 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038536.D
Acq: 26 Oct 2023 22:21

Instrument :
MSVOA_X
ClientSampleId :

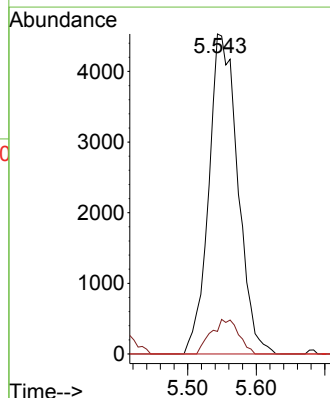
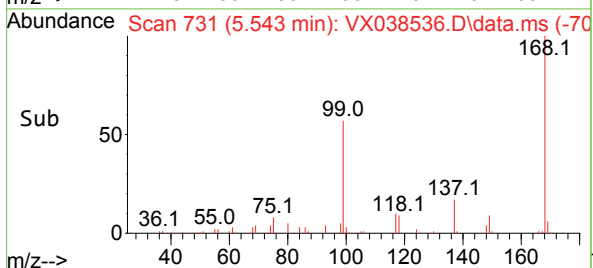
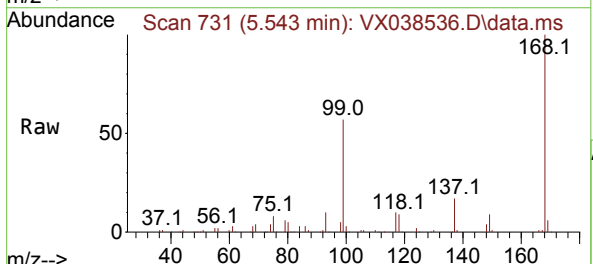


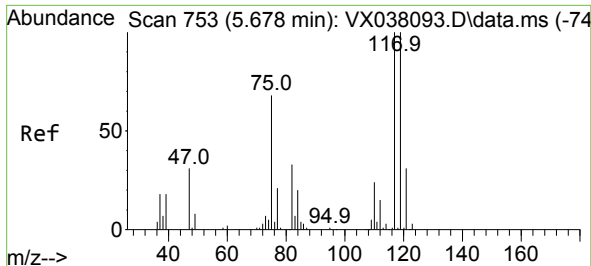
Tgt Ion:113 Resp: 116053
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 19.9 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.134 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.147 min
Lab File: VX038536.D
Acq: 26 Oct 2023 22:21

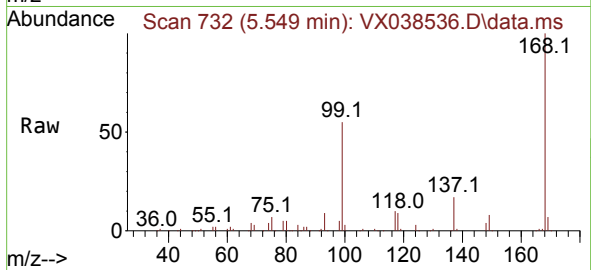
Tgt Ion: 75 Resp: 13340
Ion Ratio Lower Upper
75 100
110 10.2 17.0 50.9#
77 0.0 24.7 37.1#



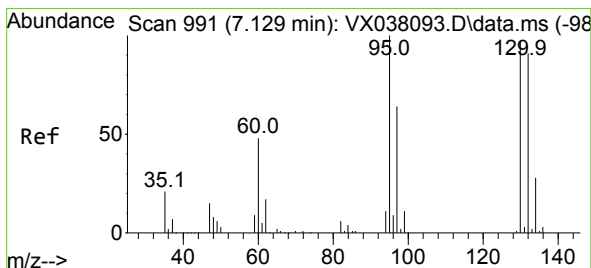
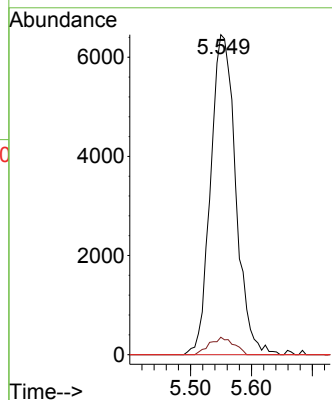
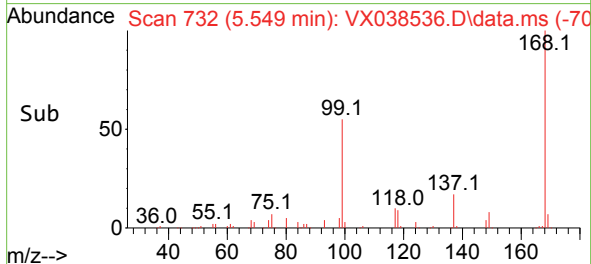


#38
Carbon Tetrachloride
Concen: 5.829 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.129 min
Lab File: VX038536.D
Acq: 26 Oct 2023 22:21

Instrument :
MSVOA_X
ClientSampleId :

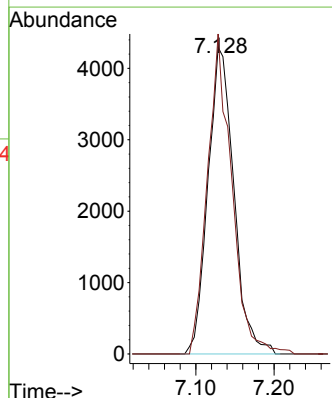
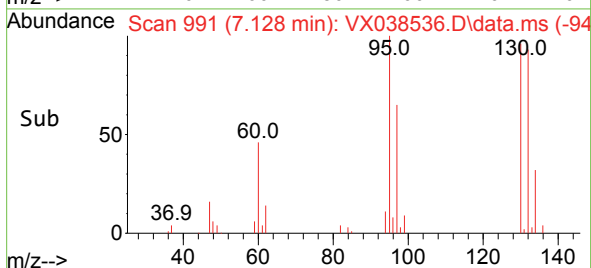
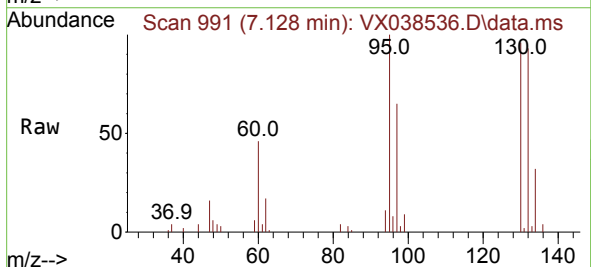


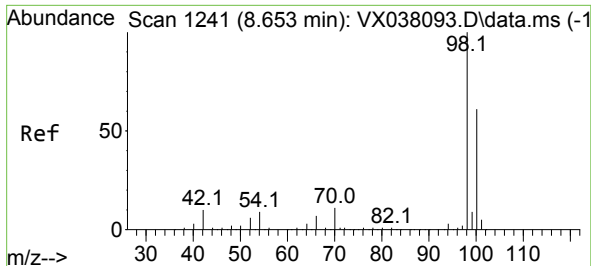
Tgt Ion:117 Resp: 18502
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 4.178 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.001 min
Lab File: VX038536.D
Acq: 26 Oct 2023 22:21

Tgt Ion:130 Resp: 9861
Ion Ratio Lower Upper
130 100
95 104.3 0.0 204.4





#50

Toluene-d8

Concen: 47.326 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.007 min

Lab File: VX038536.D

Acq: 26 Oct 2023 22:21

Instrument :

MSVOA_X

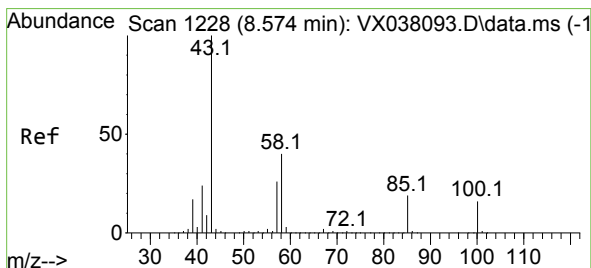
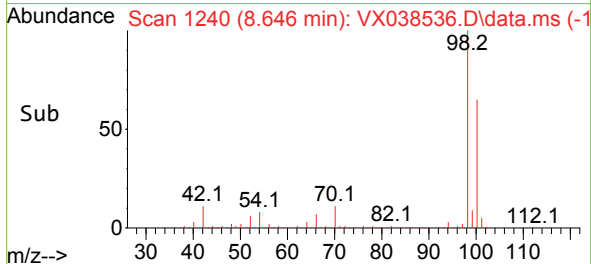
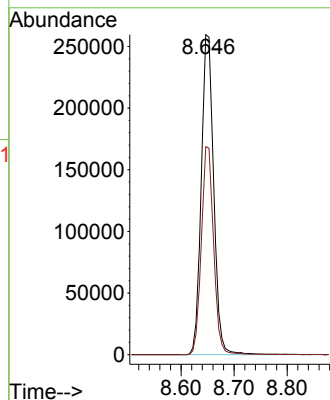
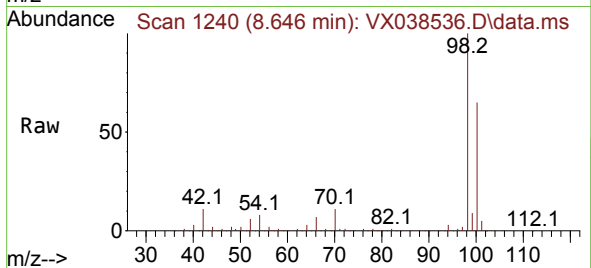
ClientSampleId :

Tgt Ion: 98 Resp: 423157

Ion Ratio Lower Upper

98 100

100 64.2 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.404 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. 0.072 min

Lab File: VX038536.D

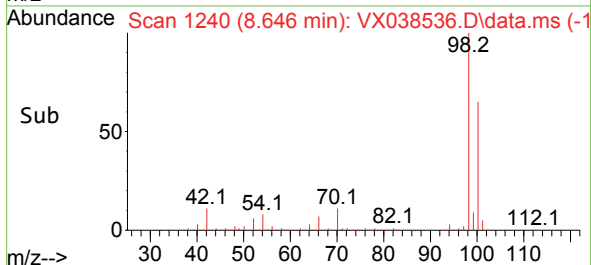
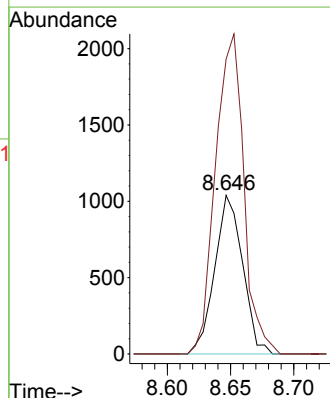
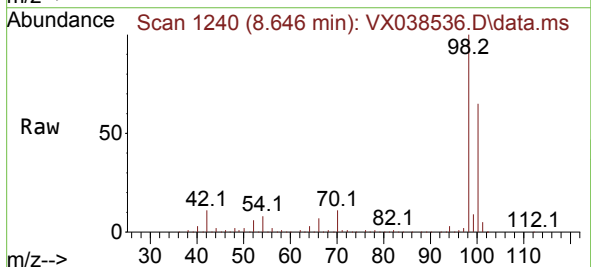
Acq: 26 Oct 2023 22:21

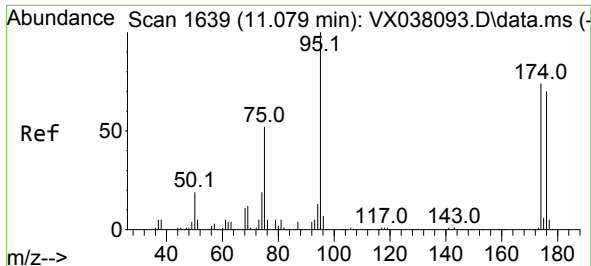
Tgt Ion: 43 Resp: 1595

Ion Ratio Lower Upper

43 100

58 204.4 30.4 45.6#

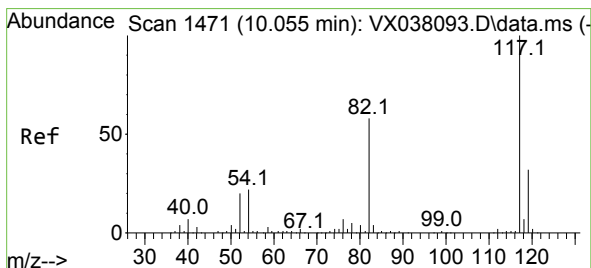
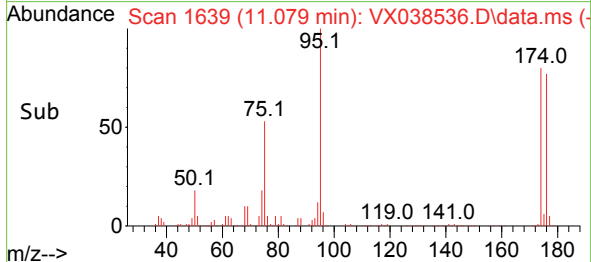
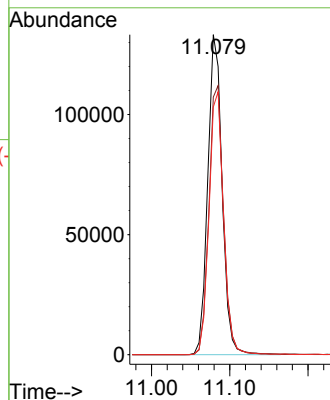
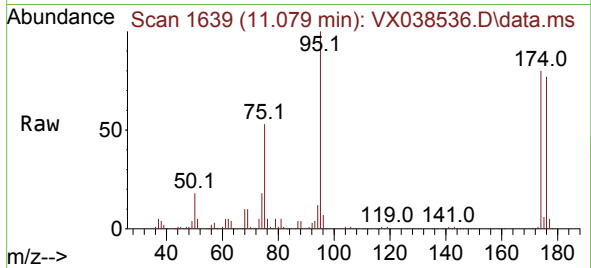




#62
4-Bromofluorobenzene
Concen: 49.901 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX038536.D
Acq: 26 Oct 2023 22:21

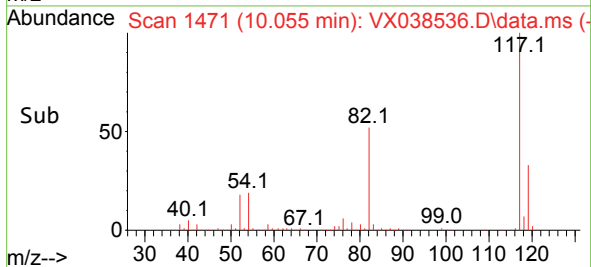
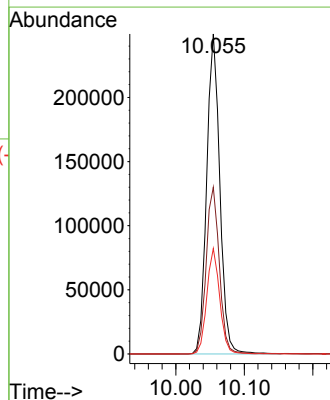
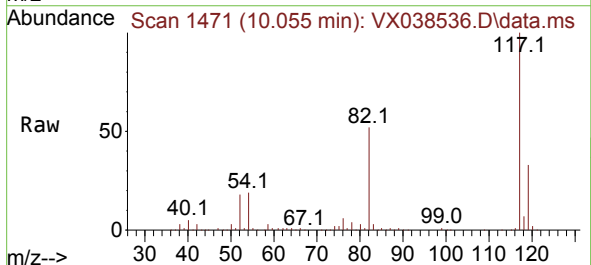
Instrument :
MSVOA_X
ClientSampleId :

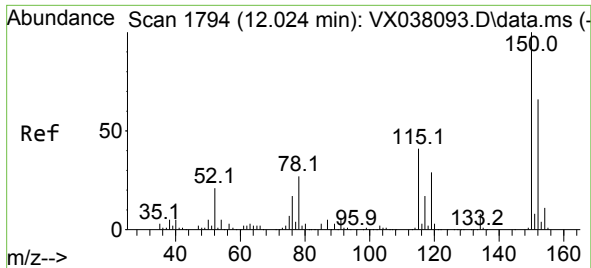
Tgt Ion: 95 Resp: 169151
Ion Ratio Lower Upper
95 100
174 86.2 0.0 135.6
176 83.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038536.D
Acq: 26 Oct 2023 22:21

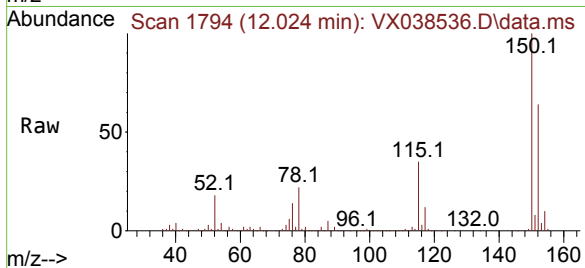
Tgt Ion: 117 Resp: 333419
Ion Ratio Lower Upper
117 100
82 52.1 46.2 69.4
119 33.0 25.5 38.3



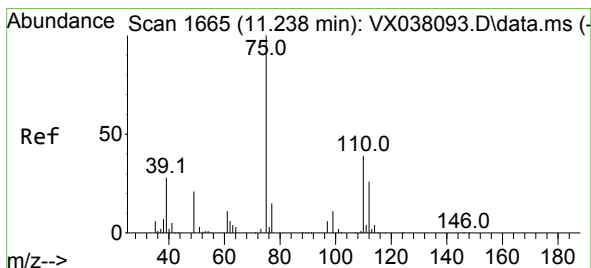
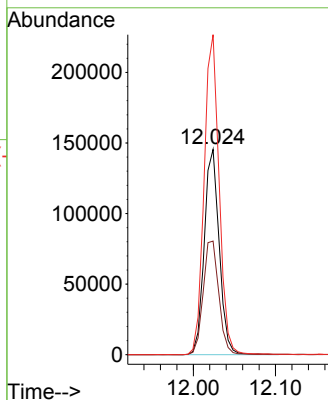
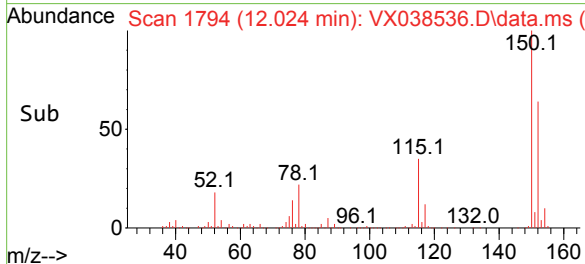


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX038536.D
 Acq: 26 Oct 2023 22:21

Instrument :
 MSVOA_X
 ClientSampleId :

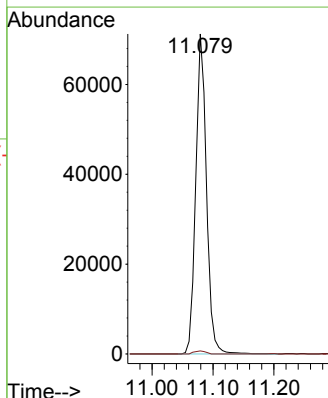
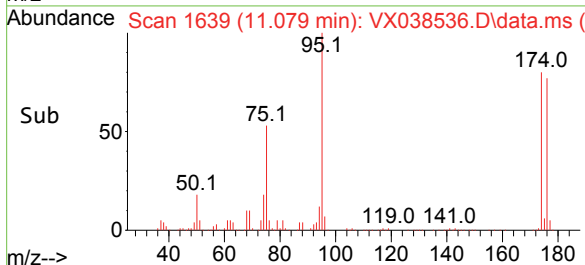
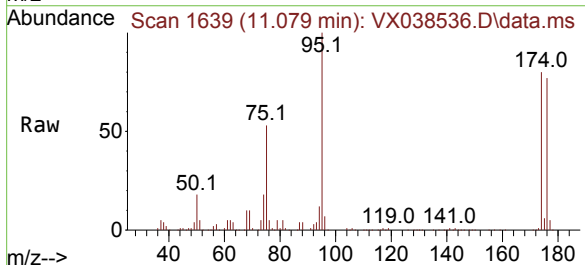


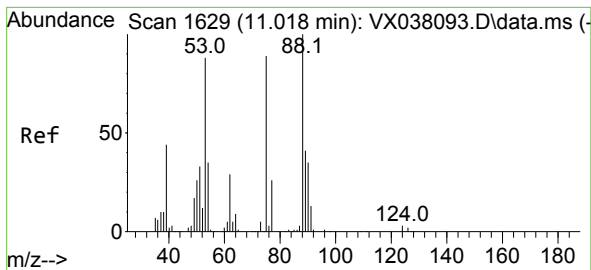
Tgt Ion:152 Resp: 183678
 Ion Ratio Lower Upper
 152 100
 115 58.0 43.3 129.9
 150 156.8 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 20.815 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038536.D
 Acq: 26 Oct 2023 22:21

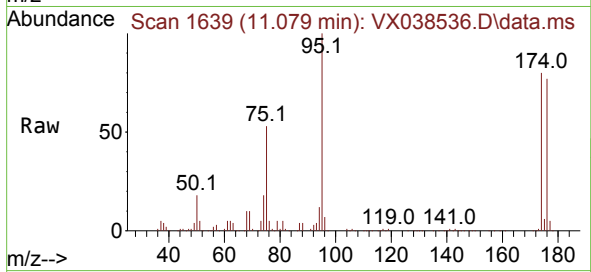
Tgt Ion: 75 Resp: 86916
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.909 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX038536.D
 Acq: 26 Oct 2023 22:21

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 86916
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

