

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102723\
 Data File : VX038605.D
 Acq On : 27 Oct 2023 16:12
 Operator : JC/MD
 Sample : 05097-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 30 01:32:09 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)

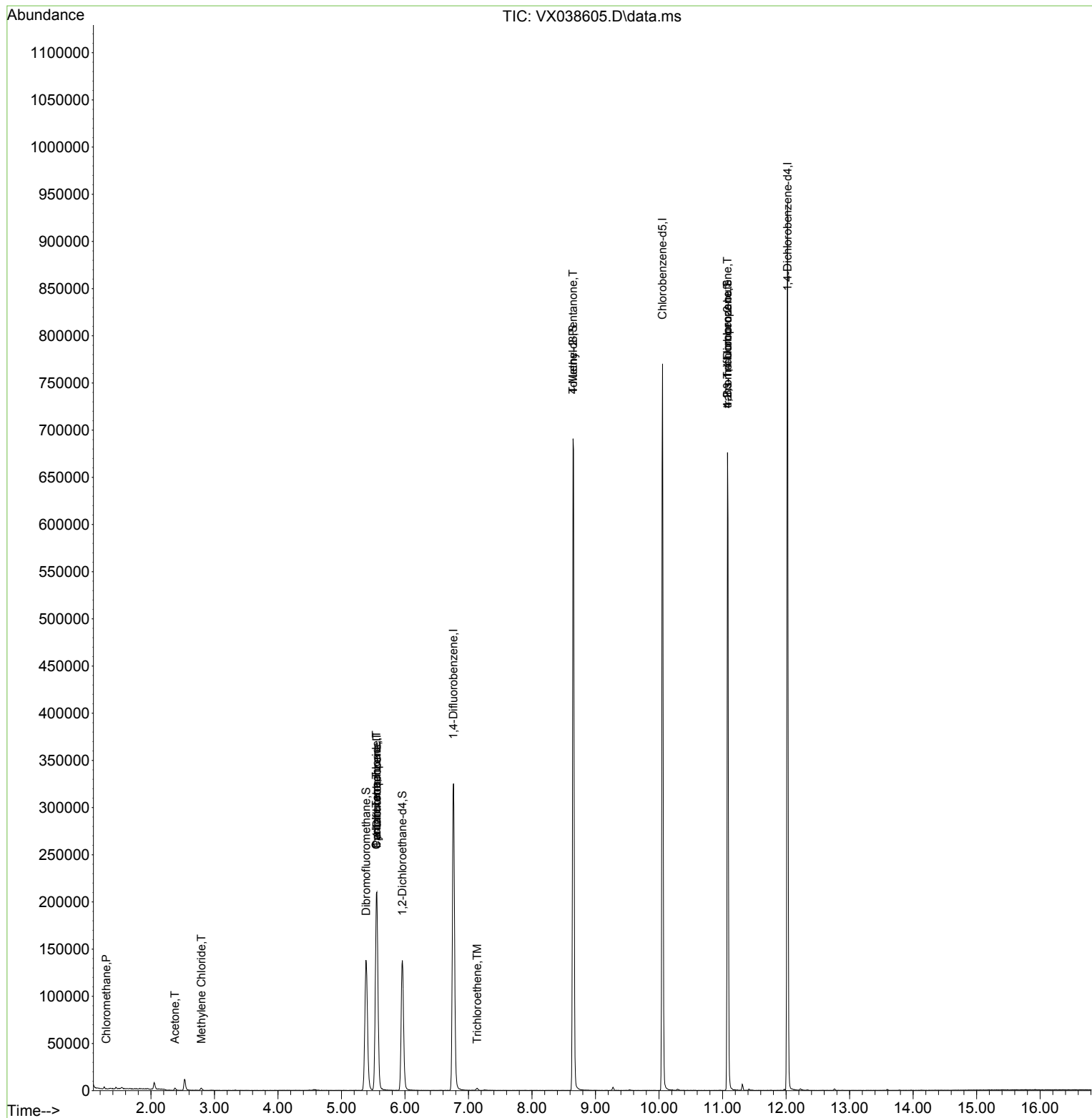
Internal Standards						
1) Pentafluorobenzene	5.556	168	210374	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	354382	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	364726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	202210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135052	39.912	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	79.820%
35) Dibromofluoromethane	5.385	113	120311	47.115	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.240%
50) Toluene-d8	8.647	98	440332	45.126	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.260%#
62) 4-Bromofluorobenzene	11.079	95	177576	48.003	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	454	0.219	ug/l	# 81
5) Bromomethane	1.526	94	19	Below Cal	#	3
6) Chloroethane	1.691	64	119	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	141	Below Cal	#	78
16) Acetone	2.380	43	2536	1.796	ug/l	91
20) Methylene Chloride	2.794	84	1335	0.503	ug/l	# 79
31) Cyclohexane	5.550	56	3906	1.065	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	15119	4.294	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	20522	5.924	ug/l	# 15
44) Trichloroethene	7.135	130	975	0.378	ug/l	74
51) 4-Methyl-2-Pentanone	8.647	43	1654	0.384	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	89580	19.487	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	89580	56.343	ug/l	# 5

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

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ClientSampleId :

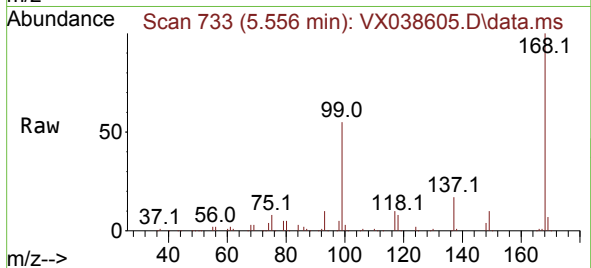
Quant Time: Oct 30 01:32:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
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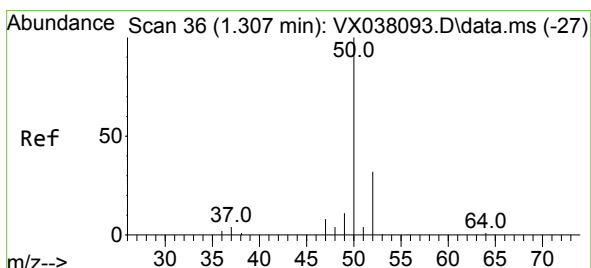
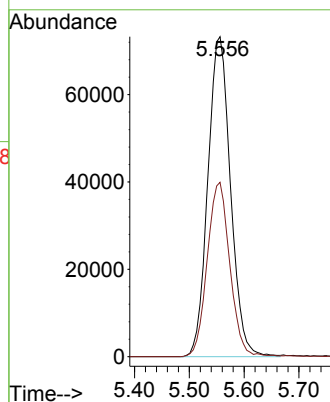
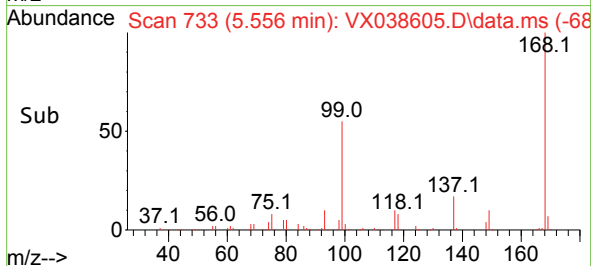


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038605.D
Acq: 27 Oct 2023 16:12

Instrument :
MSVOA_X
ClientSampleId :

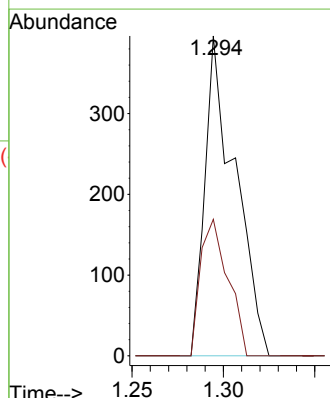
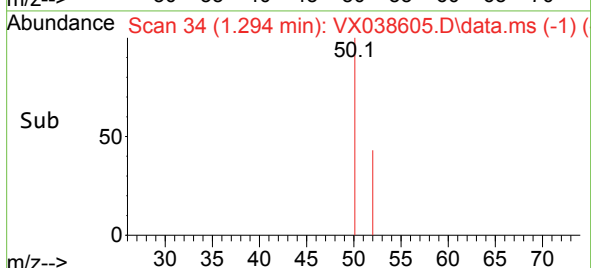
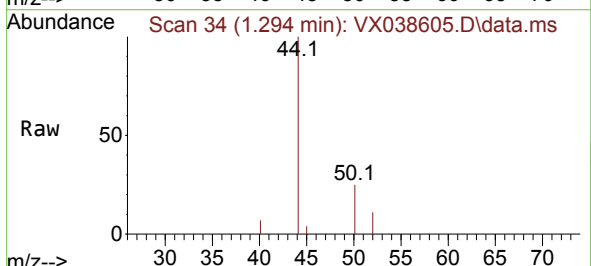


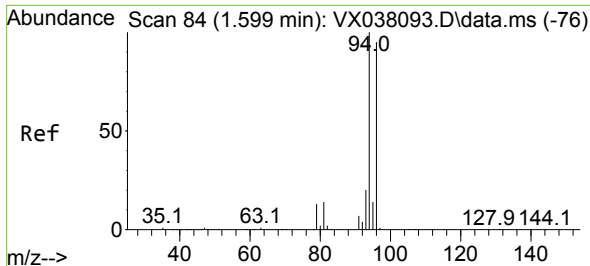
Tgt Ion:168 Resp: 210374
Ion Ratio Lower Upper
168 100
99 54.5 56.6 85.0#



#3
Chloromethane
Concen: 0.219 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX038605.D
Acq: 27 Oct 2023 16:12

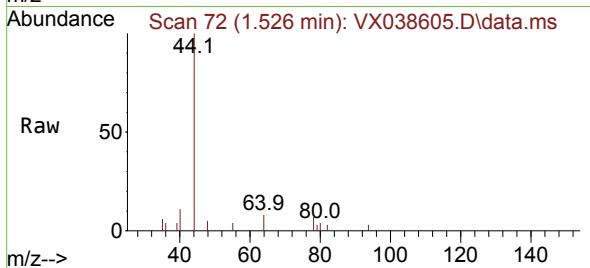
Tgt Ion: 50 Resp: 454
Ion Ratio Lower Upper
50 100
52 42.7 25.5 38.3#



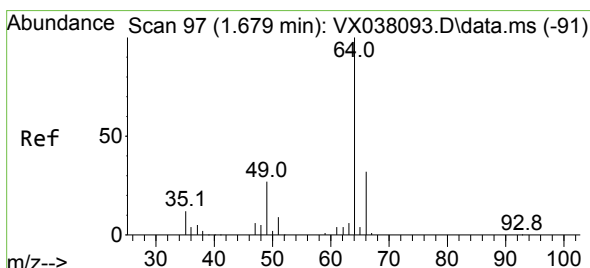
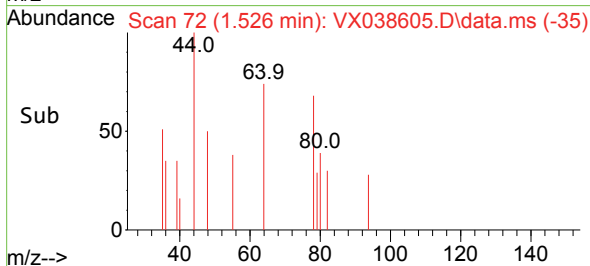
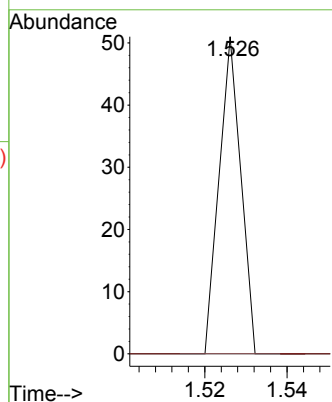


#5
Bromomethane
Concen: Below Cal
RT: 1.526 min Scan# 71
Delta R.T. -0.073 min
Lab File: VX038605.D
Acq: 27 Oct 2023 16:12

Instrument :
MSVOA_X
ClientSampleId :

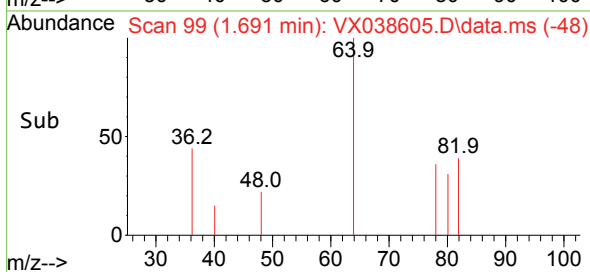
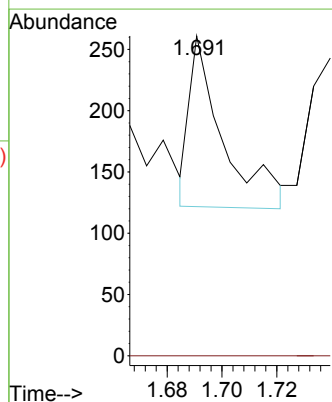
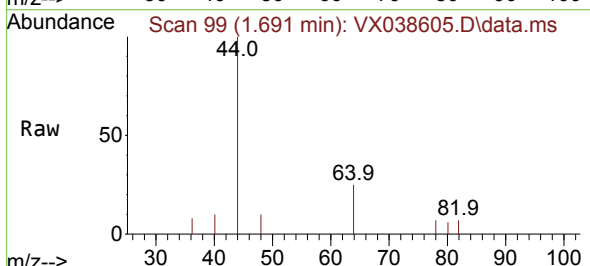


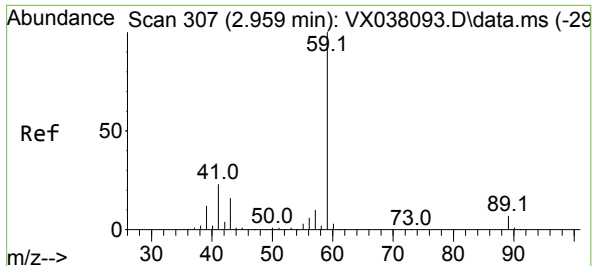
Tgt Ion: 94 Resp: 19
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX038605.D
Acq: 27 Oct 2023 16:12

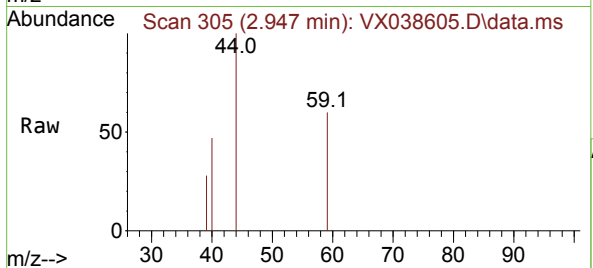
Tgt Ion: 64 Resp: 119
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



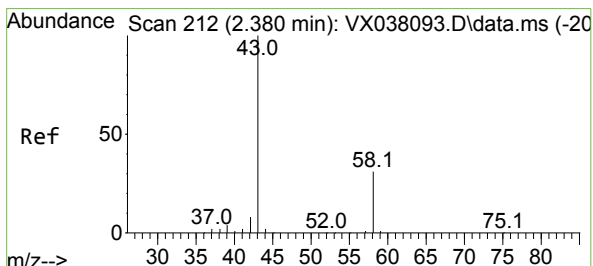
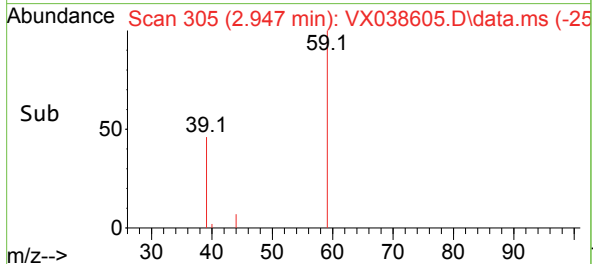
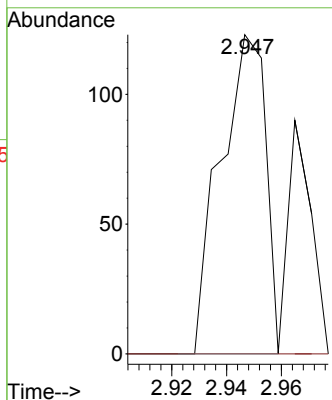


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX038605.D
Acq: 27 Oct 2023 16:12

Instrument :
MSVOA_X
ClientSampleId :

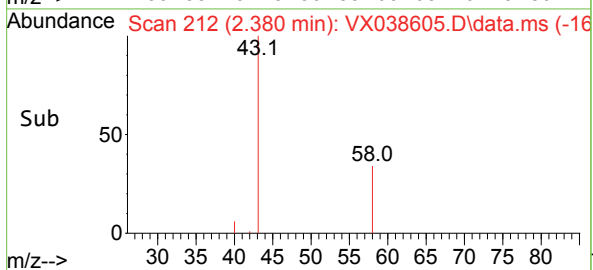
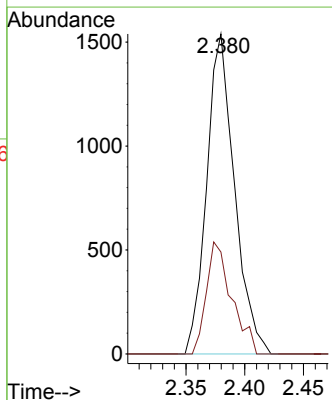
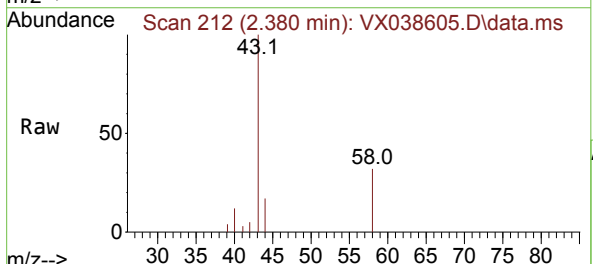


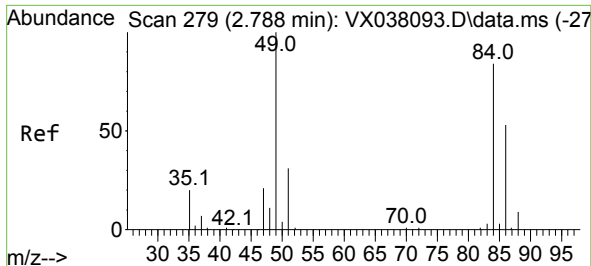
Tgt Ion: 59 Resp: 141
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 1.796 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038605.D
Acq: 27 Oct 2023 16:12

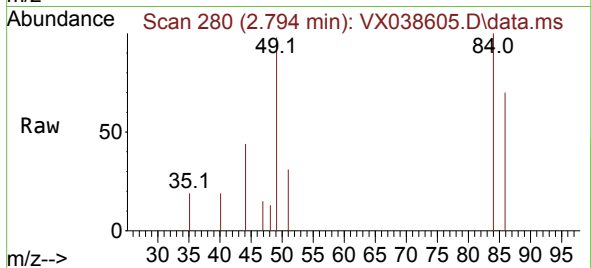
Tgt Ion: 43 Resp: 2536
Ion Ratio Lower Upper
43 100
58 31.8 21.9 32.9



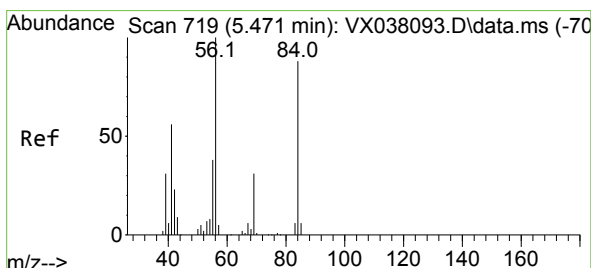
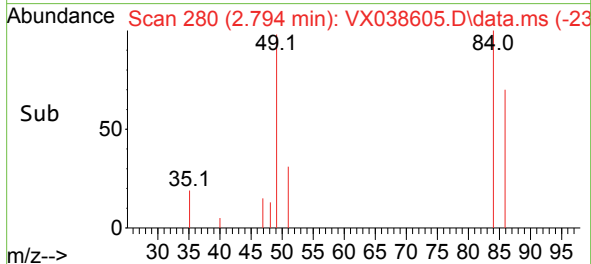
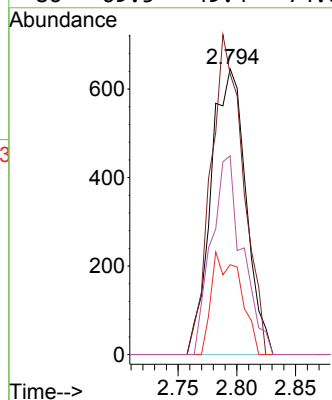


#20
Methylene Chloride
Concen: 0.503 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038605.D
Acq: 27 Oct 2023 16:12

Instrument :
MSVOA_X
ClientSampleId :

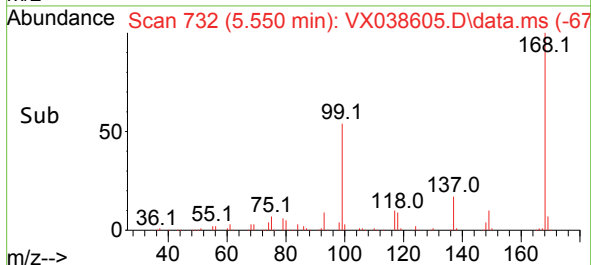
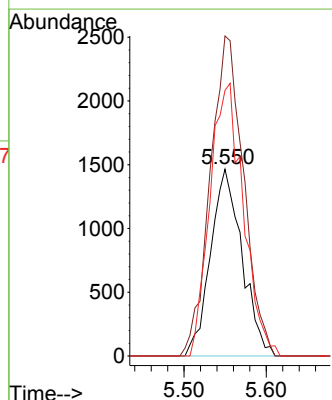
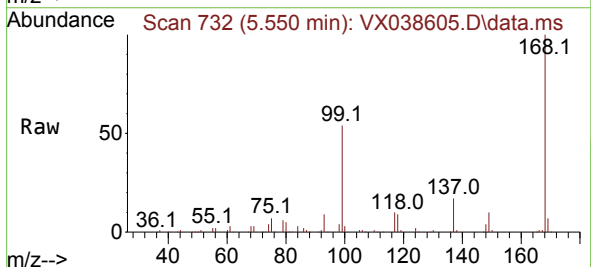


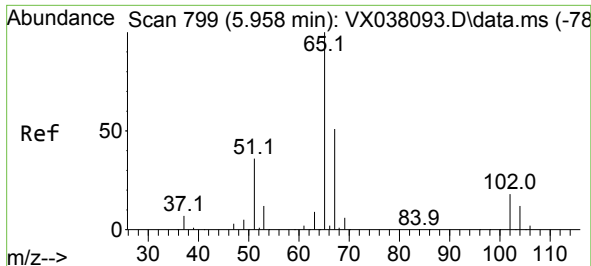
Tgt Ion: 84 Resp: 1335
Ion Ratio Lower Upper
84 100
49 98.1 103.6 155.4#
51 31.4 33.8 50.6#
86 69.5 49.4 74.0



#31
Cyclohexane
Concen: 1.065 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038605.D
Acq: 27 Oct 2023 16:12

Tgt Ion: 56 Resp: 3906
Ion Ratio Lower Upper
56 100
69 171.3 23.4 35.2#
84 142.3 65.9 98.9#

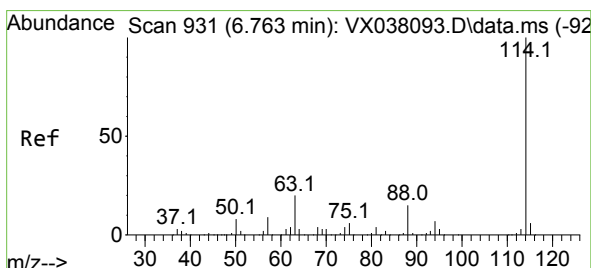
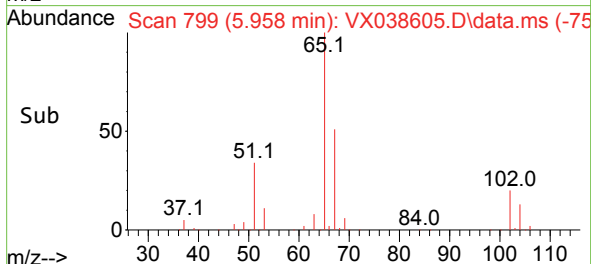
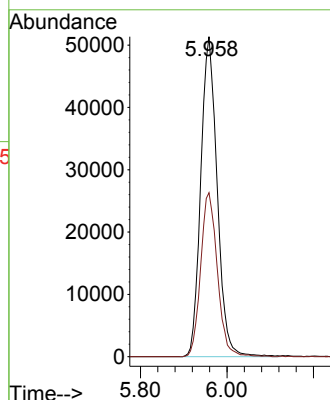
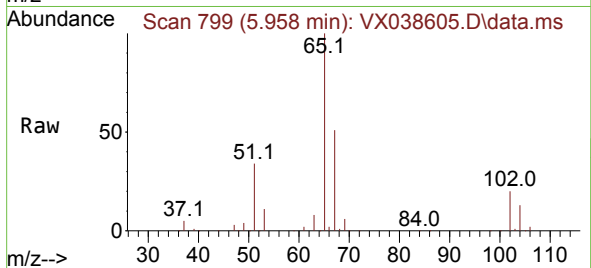




#33
 1,2-Dichloroethane-d4
 Concen: 39.912 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038605.D
 Acq: 27 Oct 2023 16:12

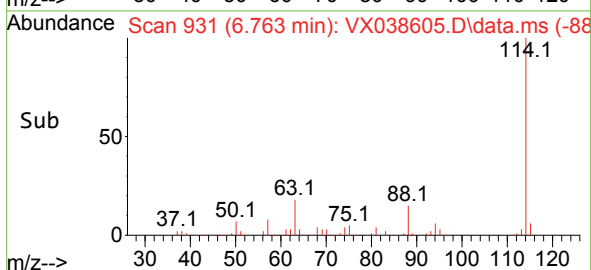
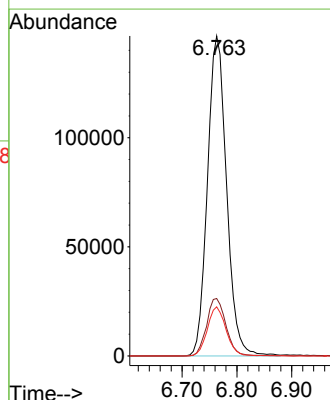
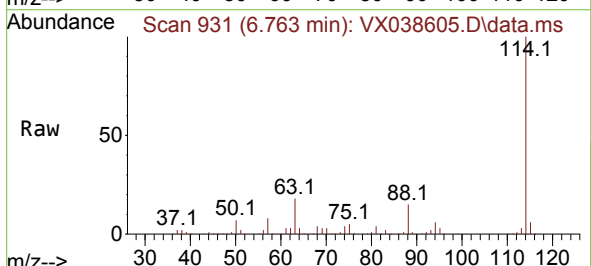
Instrument :
 MSVOA_X
 ClientSampleId :

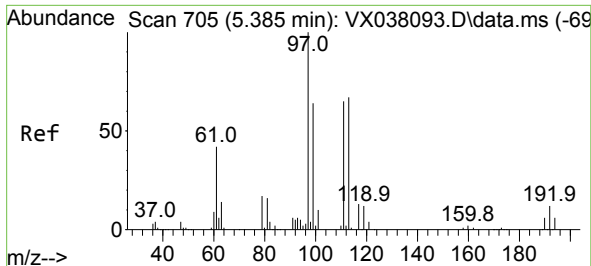
Tgt Ion: 65 Resp: 135052
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038605.D
 Acq: 27 Oct 2023 16:12

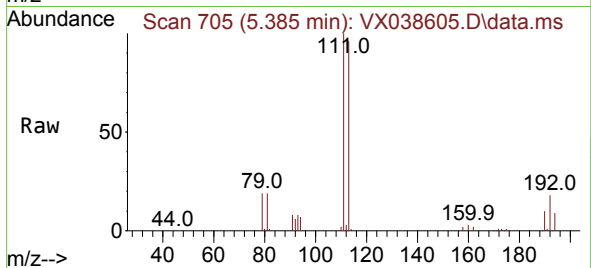
Tgt Ion:114 Resp: 354382
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 45.0
 88 15.3 0.0 36.6



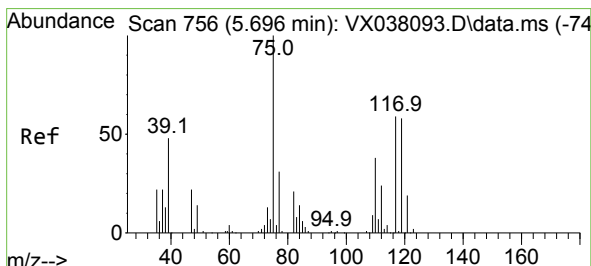
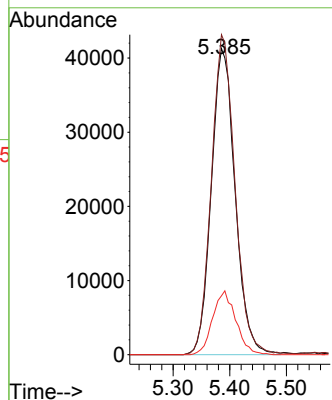
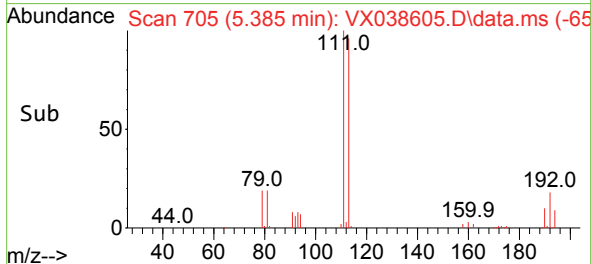


#35
Dibromofluoromethane
Concen: 47.115 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038605.D
Acq: 27 Oct 2023 16:12

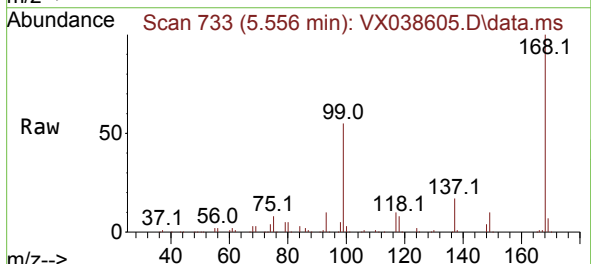
Instrument :
MSVOA_X
ClientSampleId :



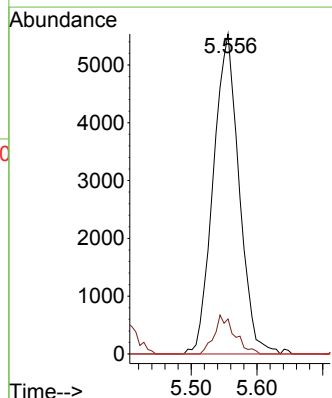
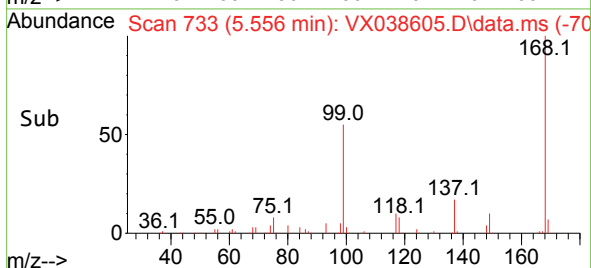
Tgt Ion:113 Resp: 120311
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 20.3 13.3 19.9#

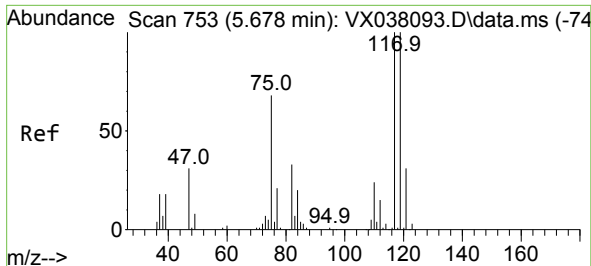


#36
1,1-Dichloropropene
Concen: 4.294 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX038605.D
Acq: 27 Oct 2023 16:12



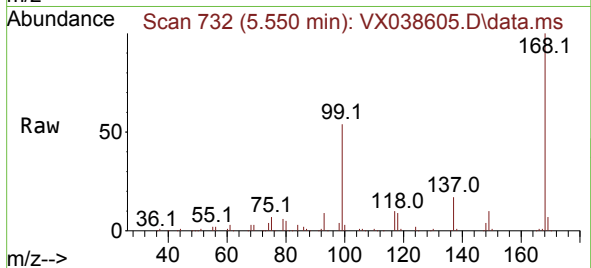
Tgt Ion: 75 Resp: 15119
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



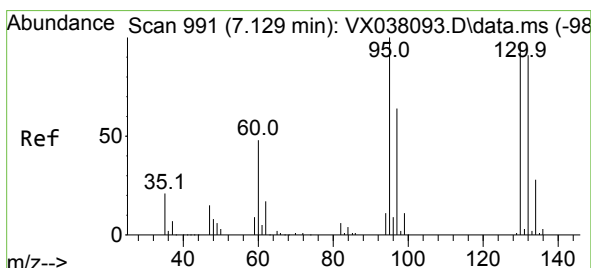
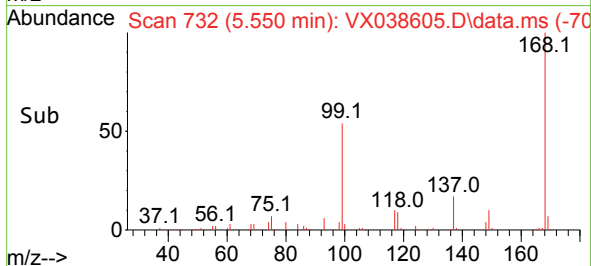
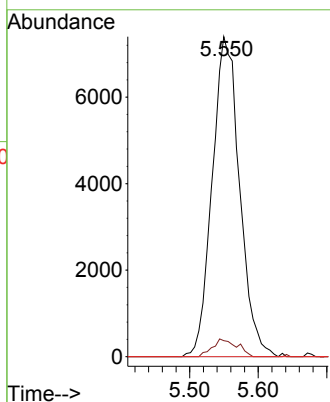


#38
Carbon Tetrachloride
Concen: 5.924 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038605.D
Acq: 27 Oct 2023 16:12

Instrument :
MSVOA_X
ClientSampleId :

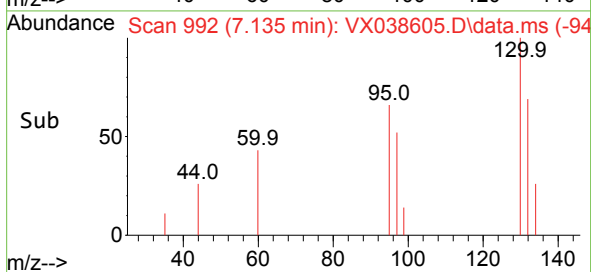
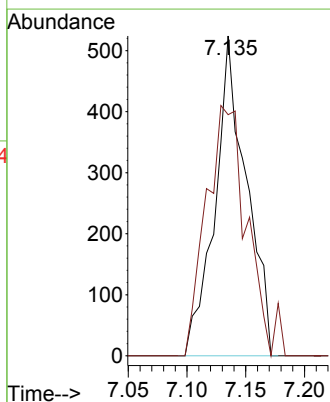
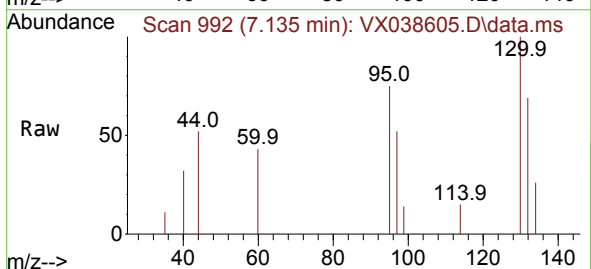


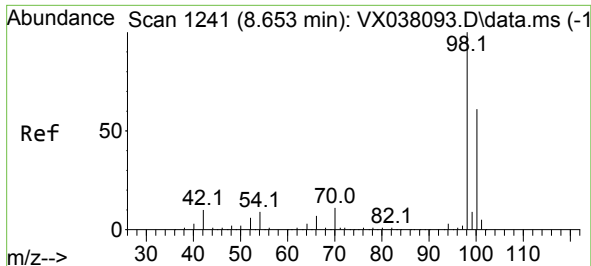
Tgt Ion:117 Resp: 20522
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.378 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX038605.D
Acq: 27 Oct 2023 16:12

Tgt Ion:130 Resp: 975
Ion Ratio Lower Upper
130 100
95 75.4 0.0 204.4

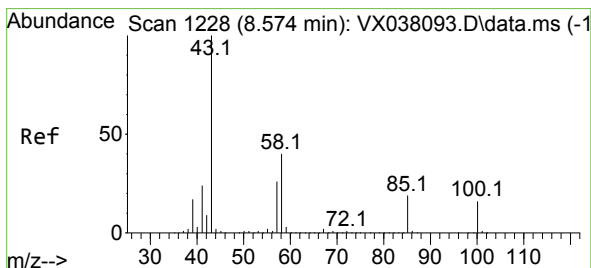
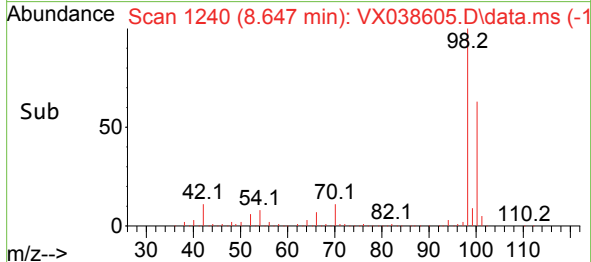
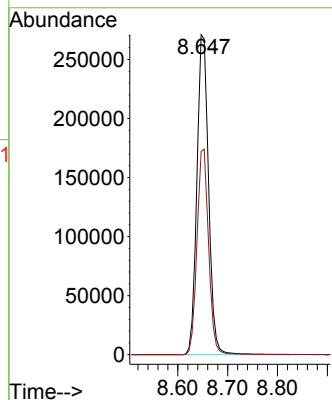
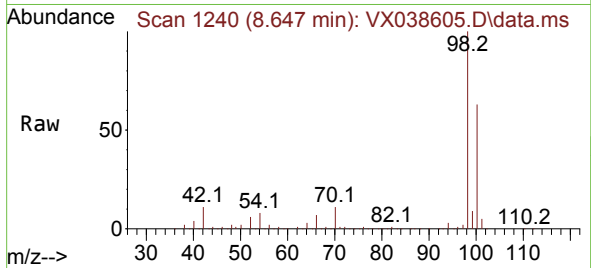




#50
Toluene-d8
Concen: 45.126 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038605.D
Acq: 27 Oct 2023 16:12

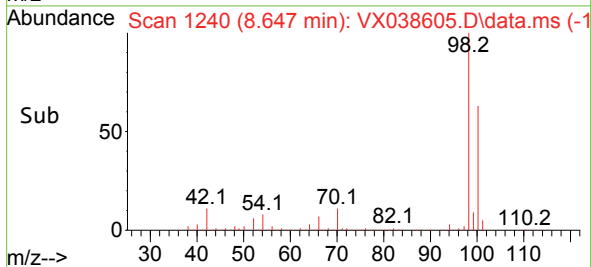
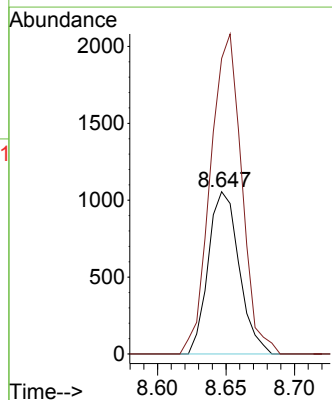
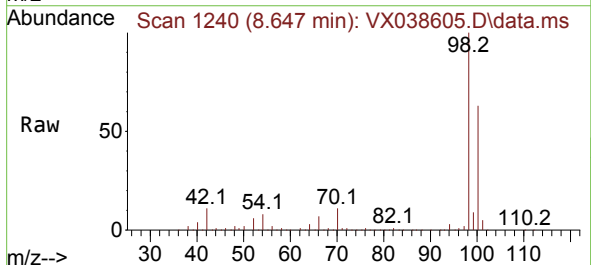
Instrument :
MSVOA_X
ClientSampleId :

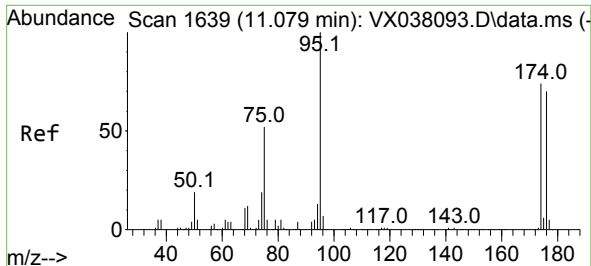
Tgt Ion: 98 Resp: 440332
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.384 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038605.D
Acq: 27 Oct 2023 16:12

Tgt Ion: 43 Resp: 1654
Ion Ratio Lower Upper
43 100
58 199.6 30.4 45.6#

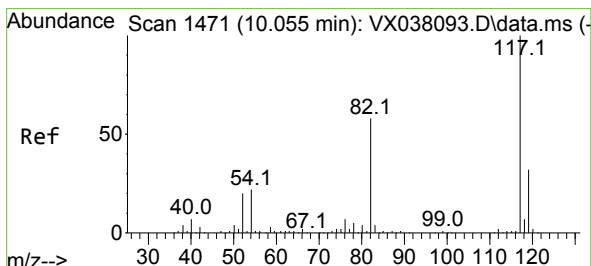
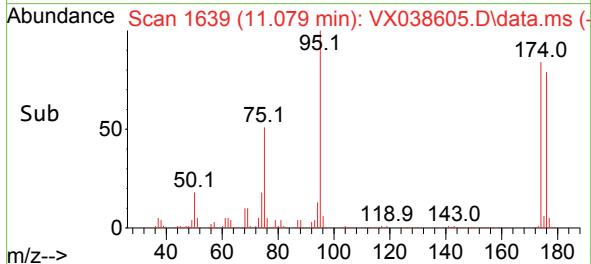
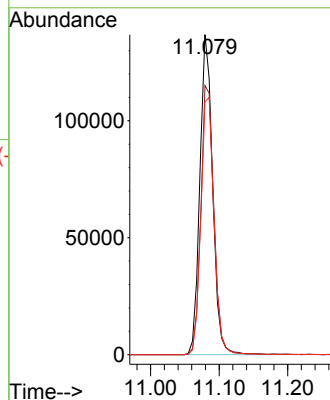
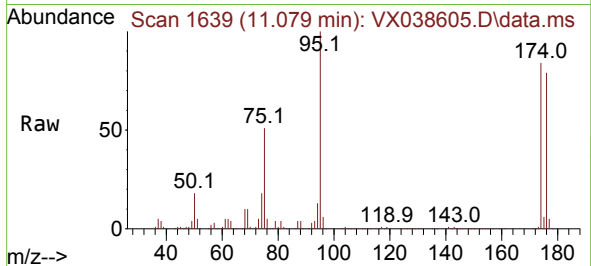




#62
4-Bromofluorobenzene
Concen: 48.003 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038605.D
Acq: 27 Oct 2023 16:12

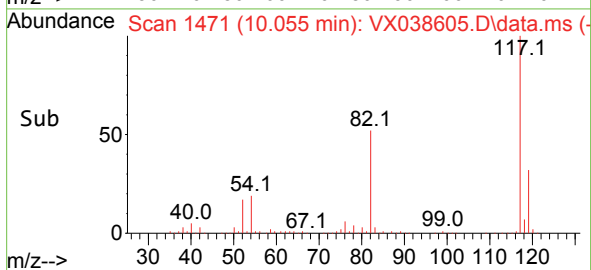
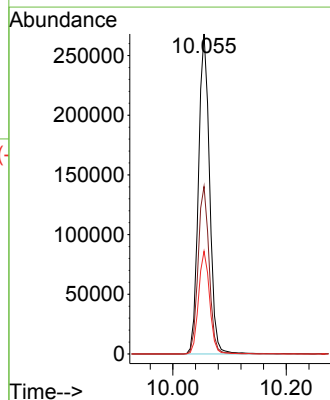
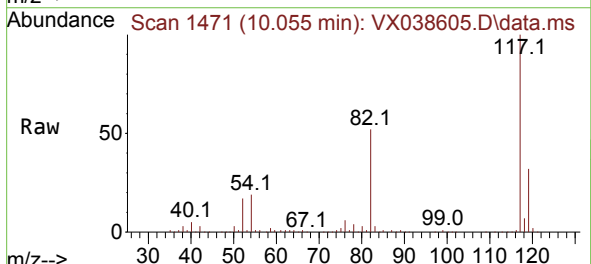
Instrument :
MSVOA_X
ClientSampleId :

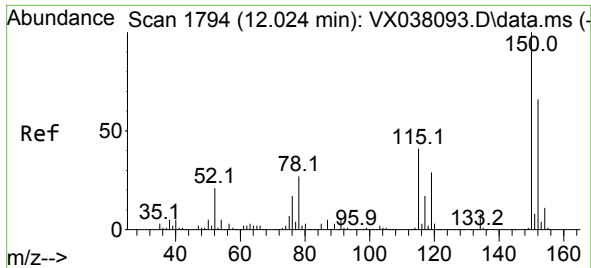
Tgt Ion: 95 Resp: 177576
Ion Ratio Lower Upper
95 100
174 86.4 0.0 135.6
176 83.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038605.D
Acq: 27 Oct 2023 16:12

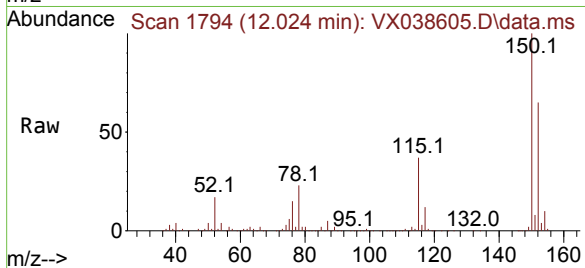
Tgt Ion: 117 Resp: 364726
Ion Ratio Lower Upper
117 100
82 52.4 46.2 69.4
119 32.1 25.5 38.3



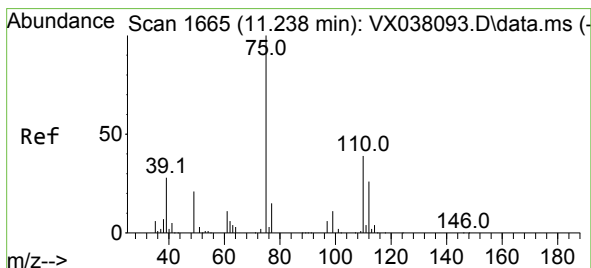
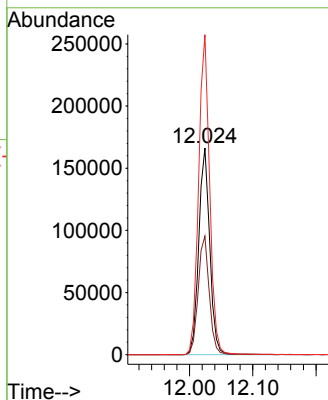
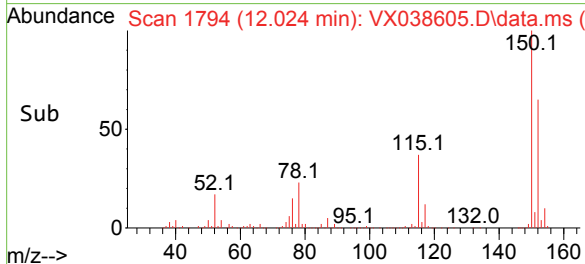


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038605.D
 Acq: 27 Oct 2023 16:12

Instrument :
 MSVOA_X
 ClientSampleId :

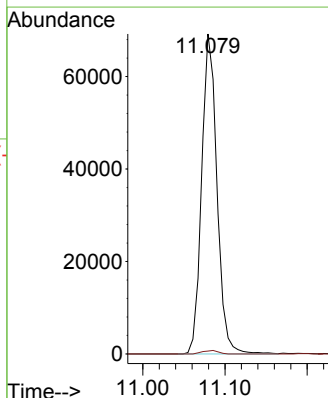
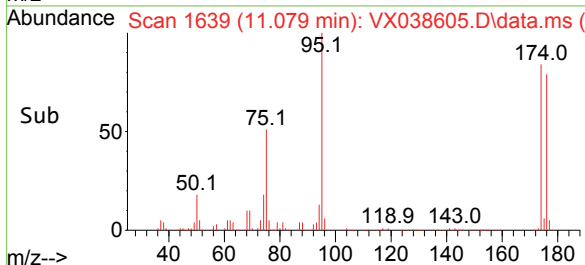
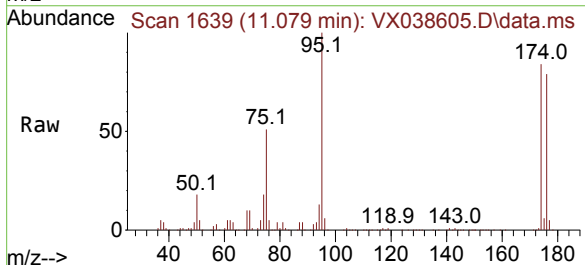


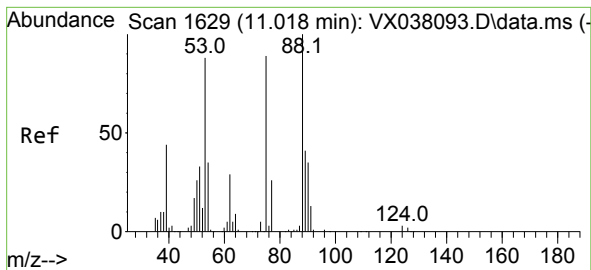
Tgt Ion:152 Resp: 202210
 Ion Ratio Lower Upper
 152 100
 115 57.5 43.3 129.9
 150 154.9 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 19.487 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038605.D
 Acq: 27 Oct 2023 16:12

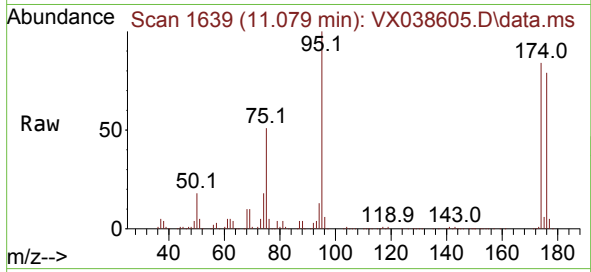
Tgt Ion: 75 Resp: 89580
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.343 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038605.D
 Acq: 27 Oct 2023 16:12

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 89580
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#

