

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102723\
 Data File : VX038608.D
 Acq On : 27 Oct 2023 17:22
 Operator : JC/MD
 Sample : 05097-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 30 01:33:19 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	217078	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	368134	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	376182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	215671	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	147542	42.257	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.520%
35) Dibromofluoromethane	5.385	113	132935	50.114	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.220%
50) Toluene-d8	8.647	98	486081	47.954	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.900%
62) 4-Bromofluorobenzene	11.079	95	200204	52.098	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.200%

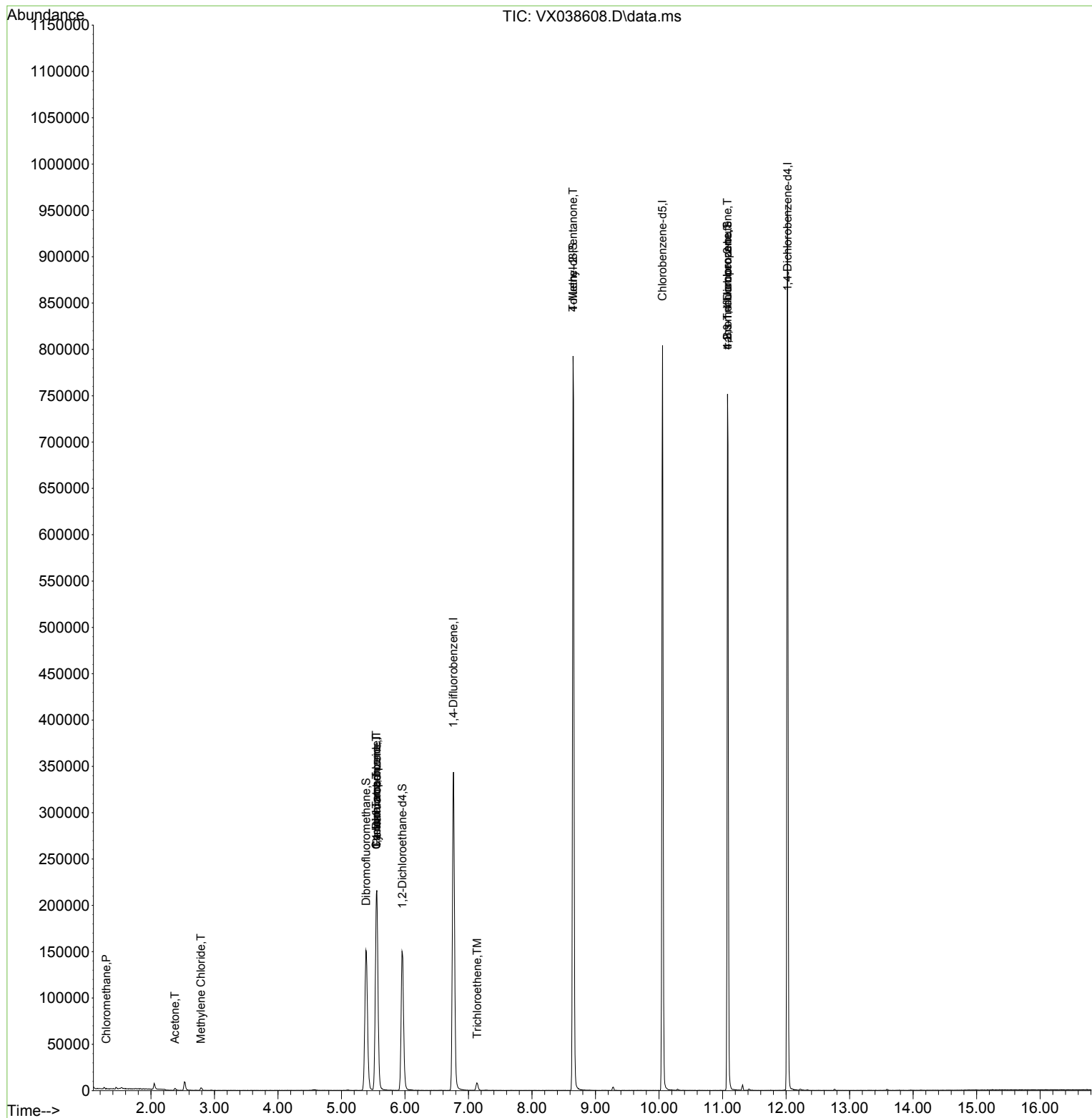
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	529	0.248	ug/l	# 81
5) Bromomethane	1.605	94	47	Below Cal	#	3
6) Chloroethane	1.660	64	67	Below Cal	#	43
11) Tert butyl alcohol	2.959	59	69	Below Cal	#	78
16) Acetone	2.380	43	2593	1.779	ug/l	# 89
20) Methylene Chloride	2.788	84	1452	0.530	ug/l	# 79
31) Cyclohexane	5.550	56	4362	1.153	ug/l	# 27
36) 1,1-Dichloropropene	5.550	75	15312	4.186	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	20999	5.836	ug/l	# 15
44) Trichloroethene	7.135	130	3688	1.378	ug/l	# 86
51) 4-Methyl-2-Pentanone	8.647	43	1719	0.384	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	102146	20.833	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	102146	59.958	ug/l	# 5

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

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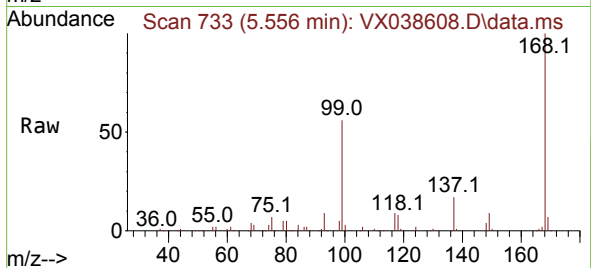
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



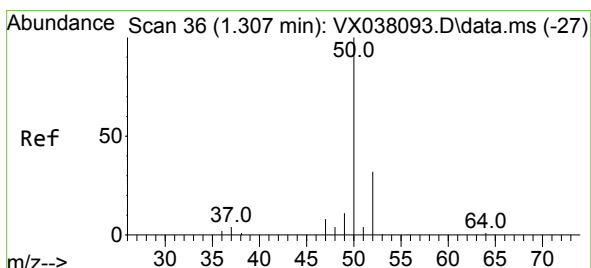
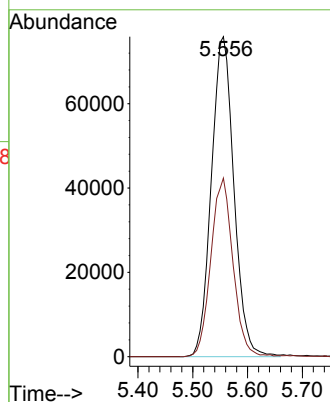
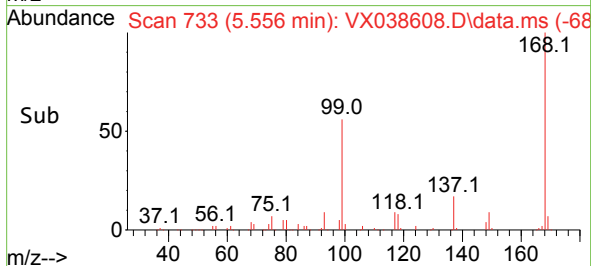


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038608.D
Acq: 27 Oct 2023 17:22

Instrument :
MSVOA_X
ClientSampleId :

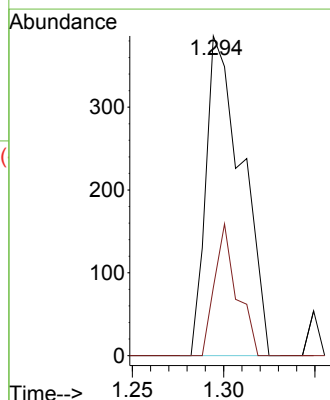
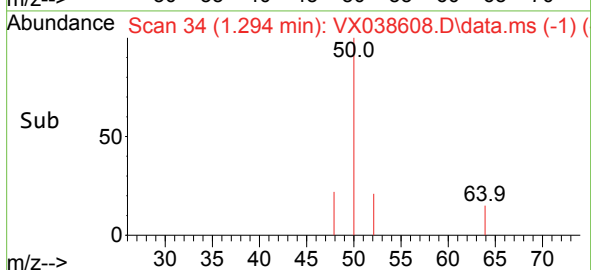
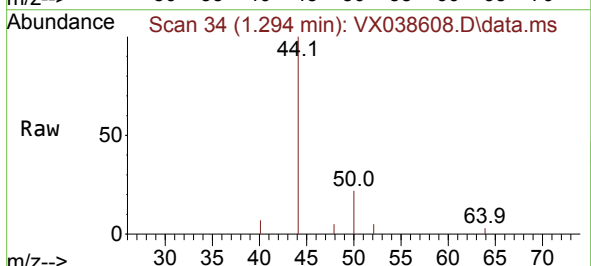


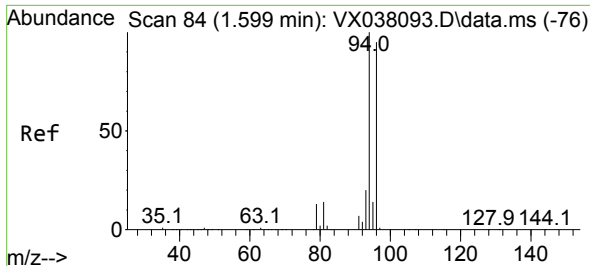
Tgt Ion:168 Resp: 217078
Ion Ratio Lower Upper
168 100
99 55.8 56.6 85.0#



#3
Chloromethane
Concen: 0.248 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX038608.D
Acq: 27 Oct 2023 17:22

Tgt Ion: 50 Resp: 529
Ion Ratio Lower Upper
50 100
52 21.2 25.5 38.3#

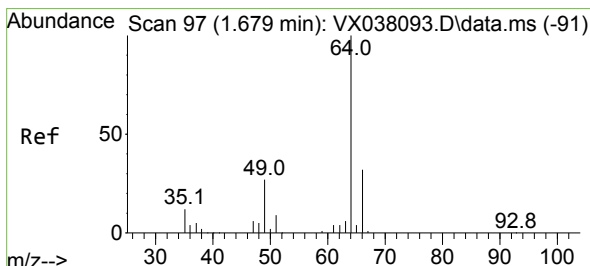
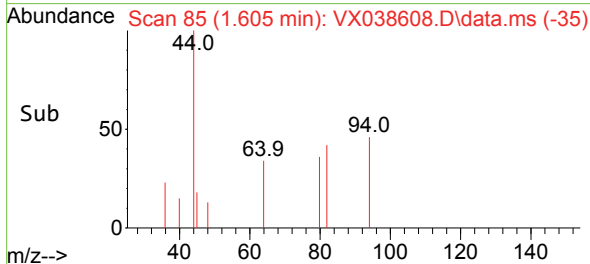
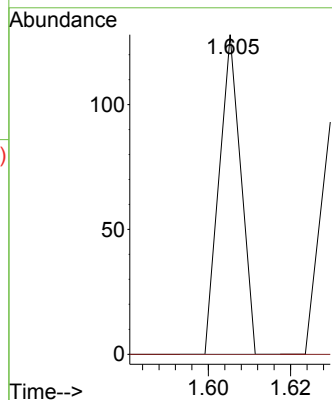
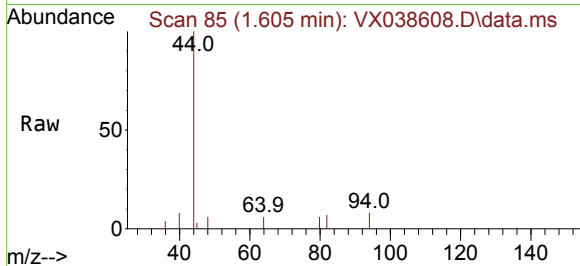




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX038608.D
Acq: 27 Oct 2023 17:22

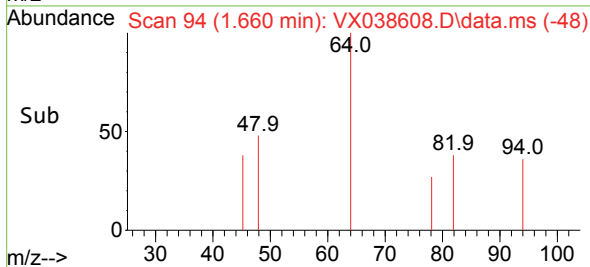
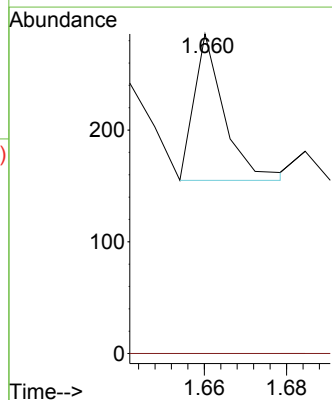
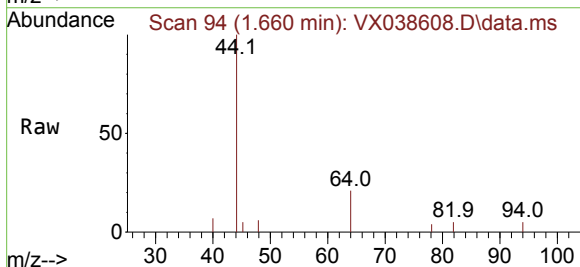
Instrument :
MSVOA_X
ClientSampleId :

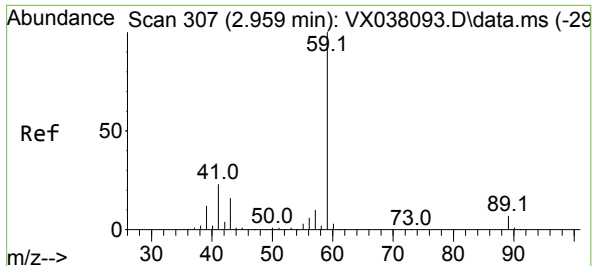
Tgt Ion: 94 Resp: 47
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX038608.D
Acq: 27 Oct 2023 17:22

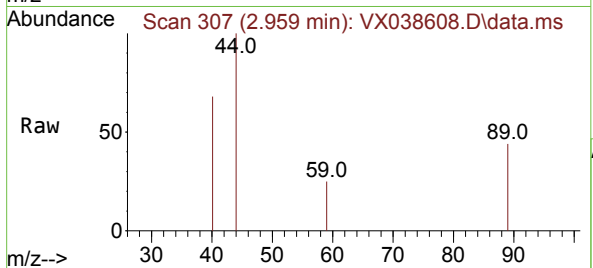
Tgt Ion: 64 Resp: 67
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



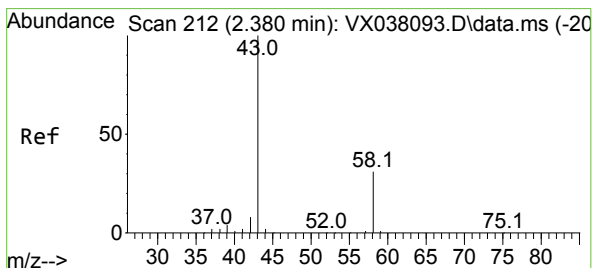
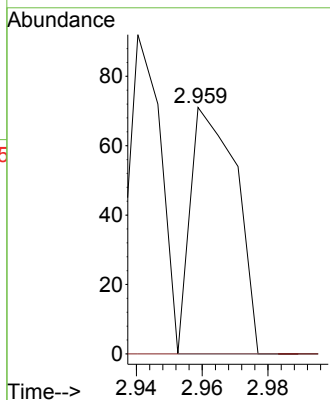
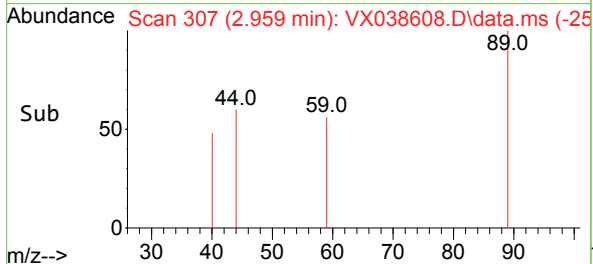


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX038608.D
Acq: 27 Oct 2023 17:22

Instrument :
MSVOA_X
ClientSampleId :

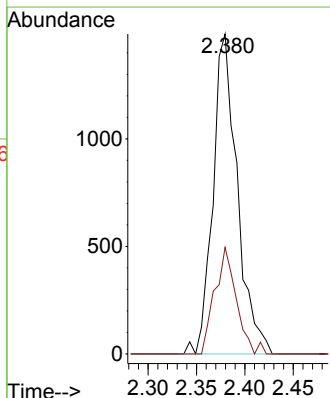
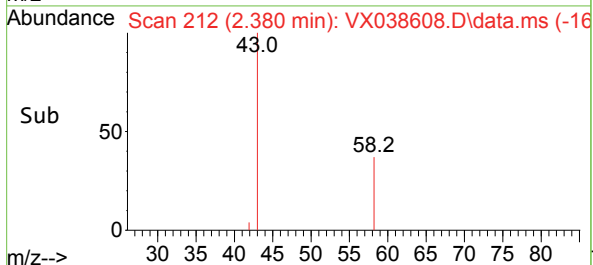
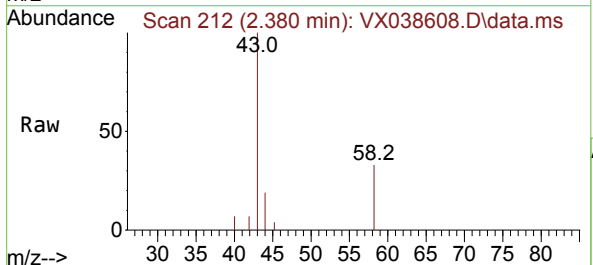


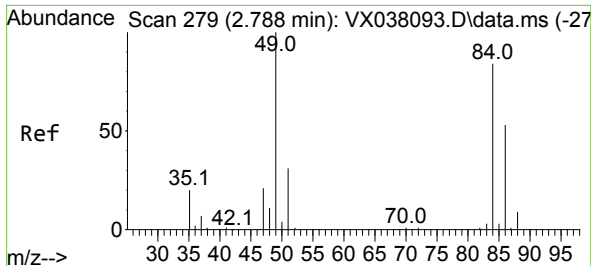
Tgt Ion: 59 Resp: 69
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 1.779 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038608.D
Acq: 27 Oct 2023 17:22

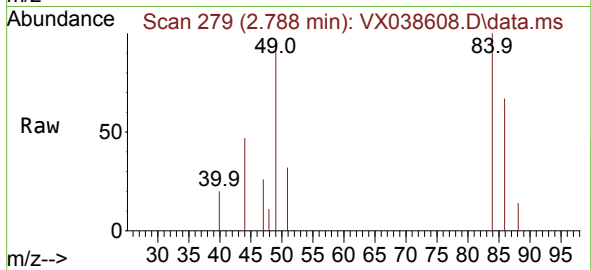
Tgt Ion: 43 Resp: 2593
Ion Ratio Lower Upper
43 100
58 33.3 21.9 32.9#





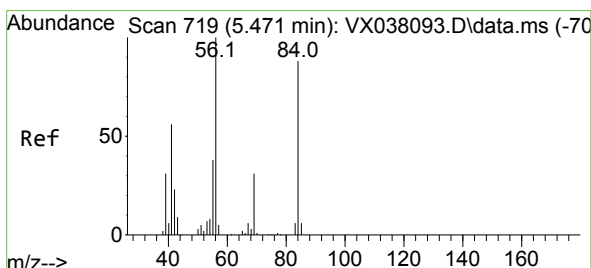
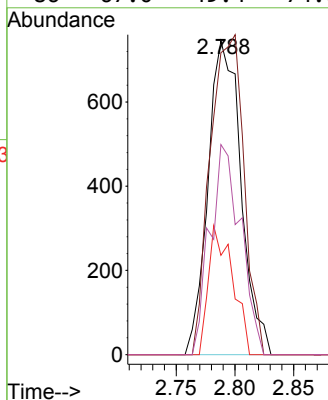
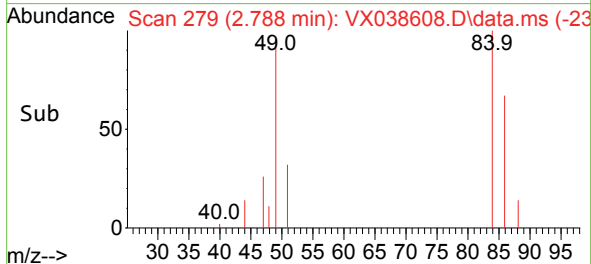
#20
Methylene Chloride
Concen: 0.530 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038608.D
Acq: 27 Oct 2023 17:22

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1452

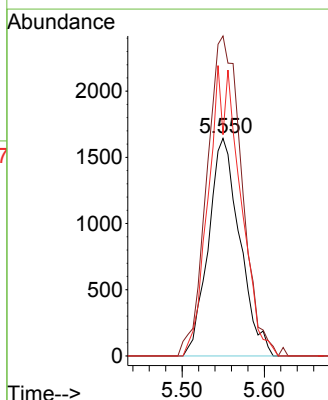
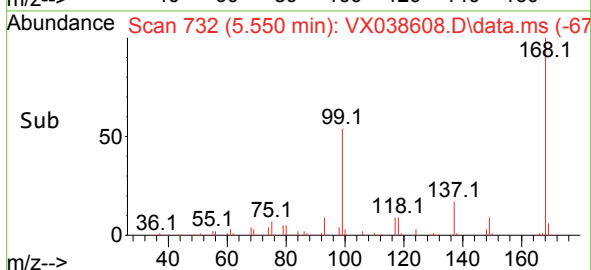
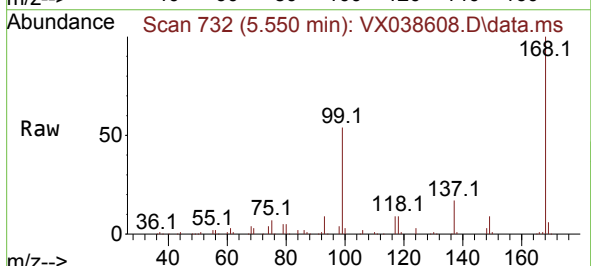
Ion	Ratio	Lower	Upper
84	100		
49	96.2	103.6	155.4#
51	31.7	33.8	50.6#
86	67.0	49.4	74.0

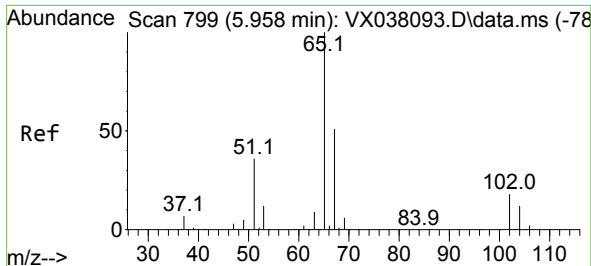


#31
Cyclohexane
Concen: 1.153 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038608.D
Acq: 27 Oct 2023 17:22

Tgt Ion: 56 Resp: 4362

Ion	Ratio	Lower	Upper
56	100		
69	147.0	23.4	35.2#
84	101.6	65.9	98.9#

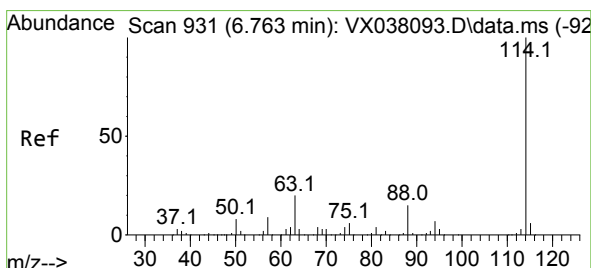
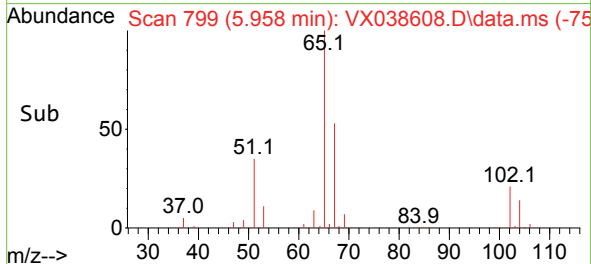
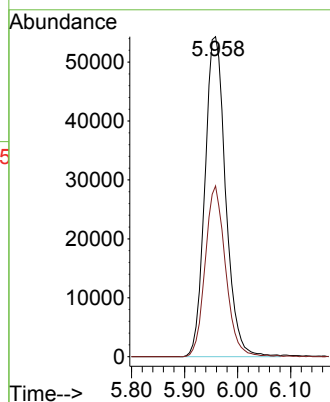
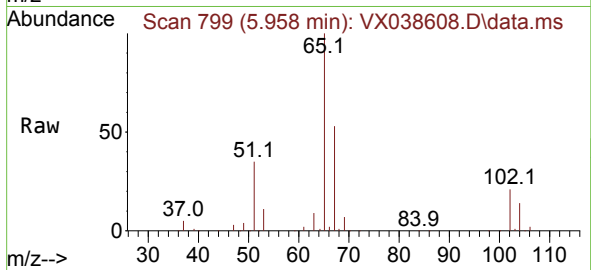




#33
 1,2-Dichloroethane-d4
 Concen: 42.257 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038608.D
 Acq: 27 Oct 2023 17:22

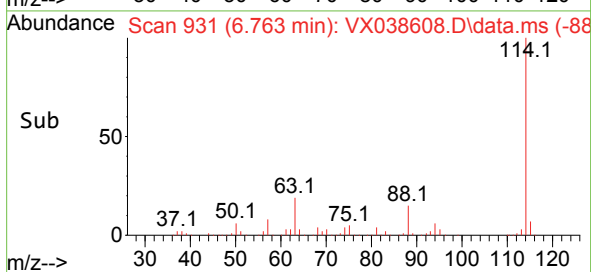
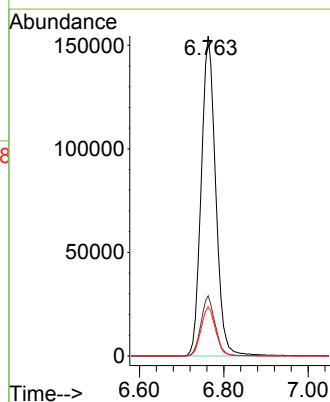
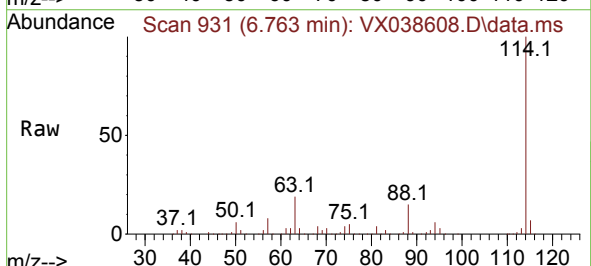
Instrument :
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 ClientSampleId :

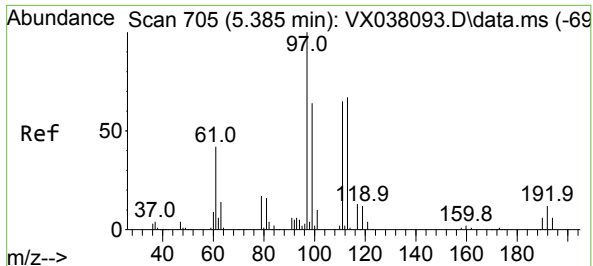
Tgt Ion: 65 Resp: 147542
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038608.D
 Acq: 27 Oct 2023 17:22

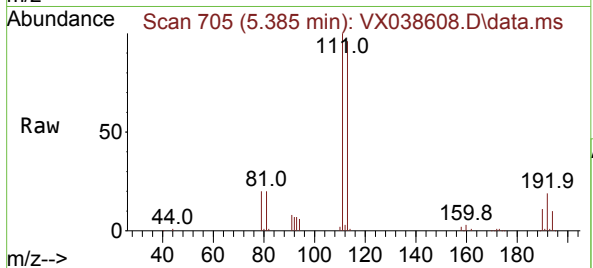
Tgt Ion: 114 Resp: 368134
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 45.0
 88 15.3 0.0 36.6



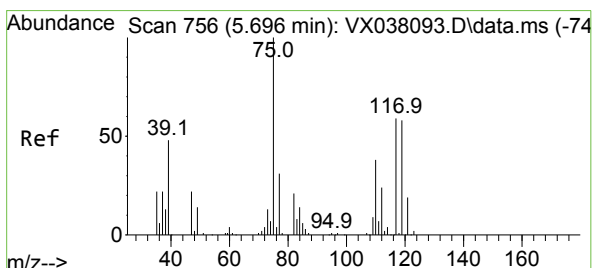
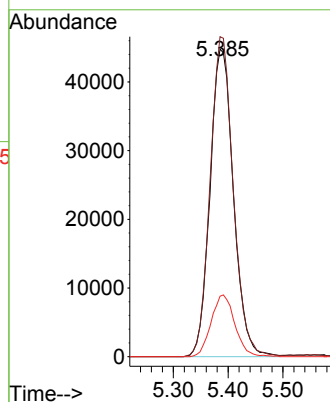
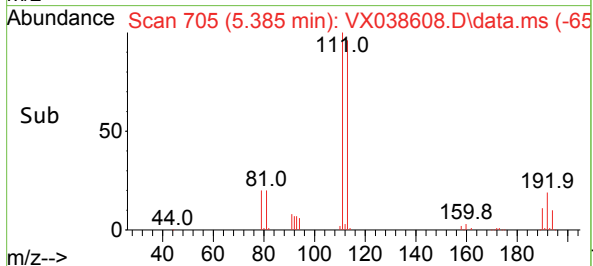


#35
Dibromofluoromethane
Concen: 50.114 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038608.D
Acq: 27 Oct 2023 17:22

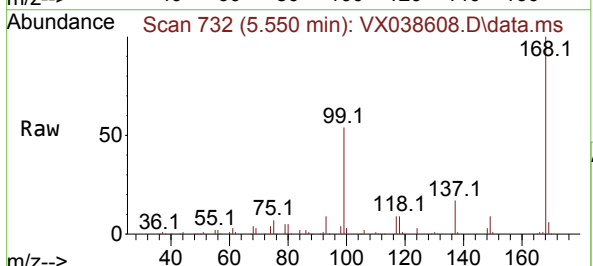
Instrument :
MSVOA_X
ClientSampleId :



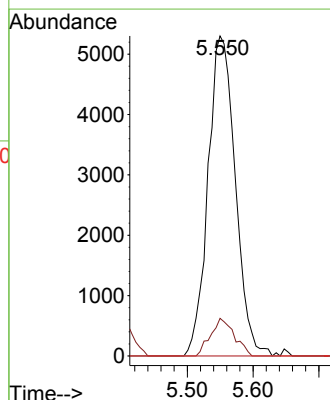
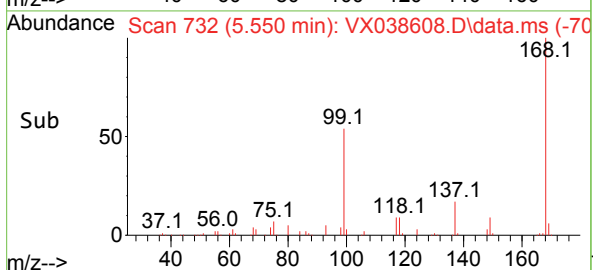
Tgt Ion:113 Resp: 132935
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 20.3 13.3 19.9#

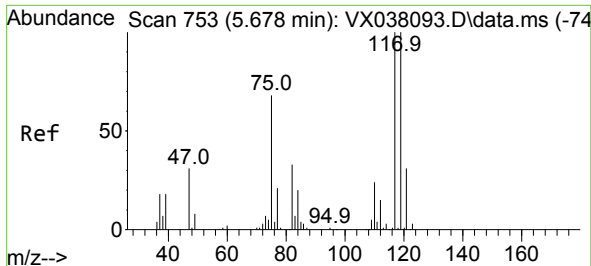


#36
1,1-Dichloropropene
Concen: 4.186 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038608.D
Acq: 27 Oct 2023 17:22



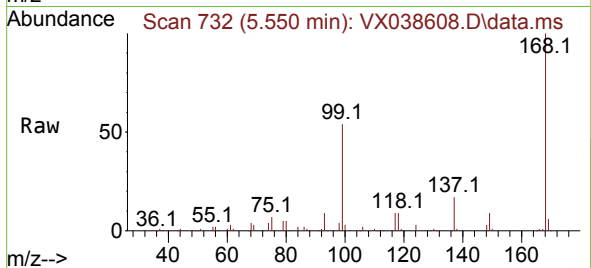
Tgt Ion: 75 Resp: 15312
Ion Ratio Lower Upper
75 100
110 10.2 17.0 50.9#
77 0.0 24.7 37.1#



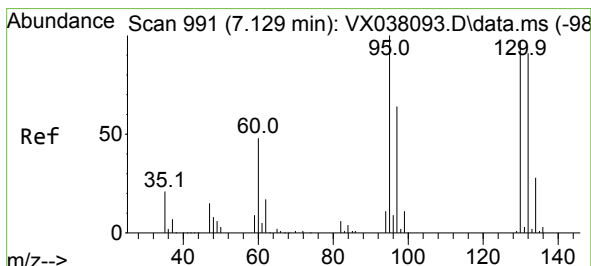
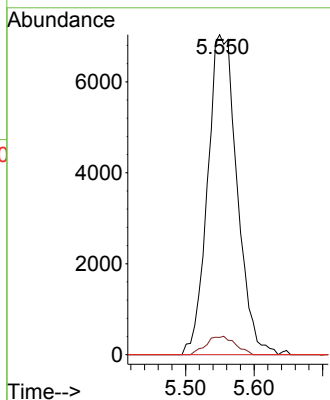
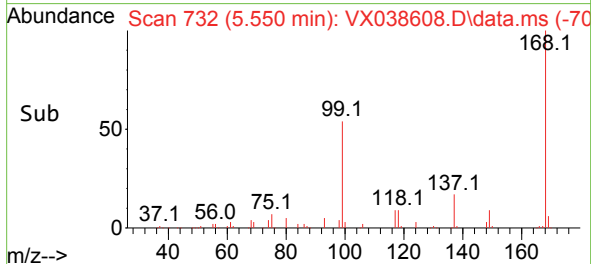


#38
Carbon Tetrachloride
Concen: 5.836 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038608.D
Acq: 27 Oct 2023 17:22

Instrument :
MSVOA_X
ClientSampleId :

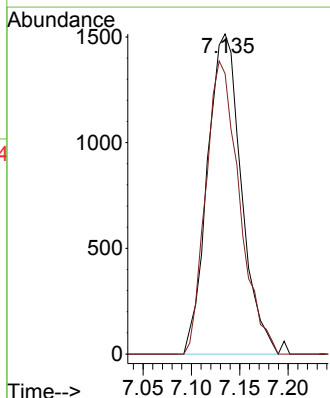
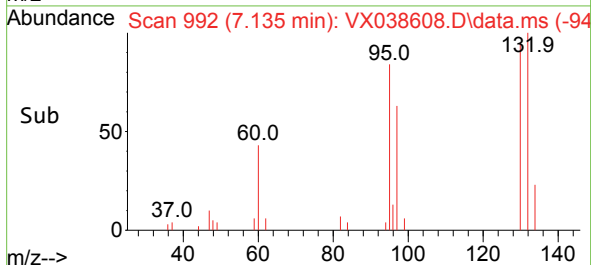
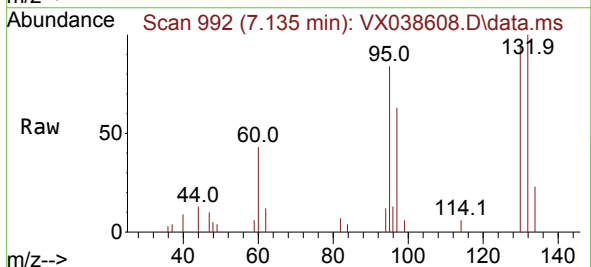


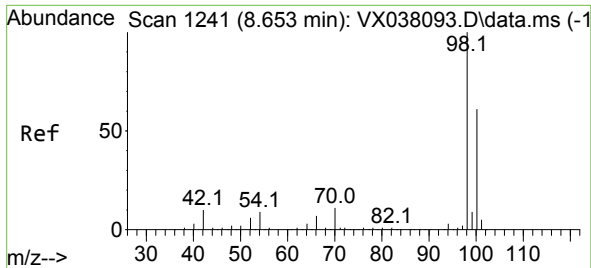
Tgt Ion:117 Resp: 20999
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 1.378 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX038608.D
Acq: 27 Oct 2023 17:22

Tgt Ion:130 Resp: 3688
Ion Ratio Lower Upper
130 100
95 87.6 0.0 204.4

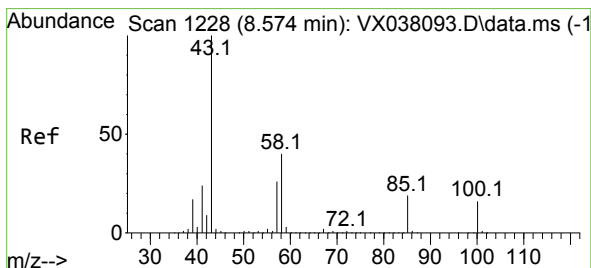
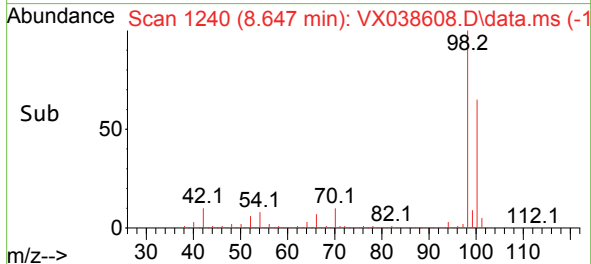
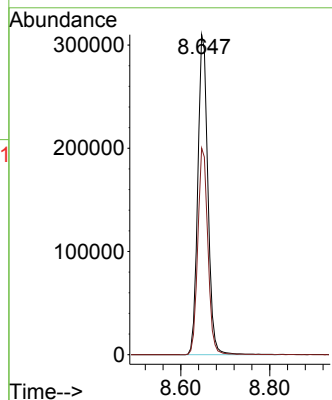
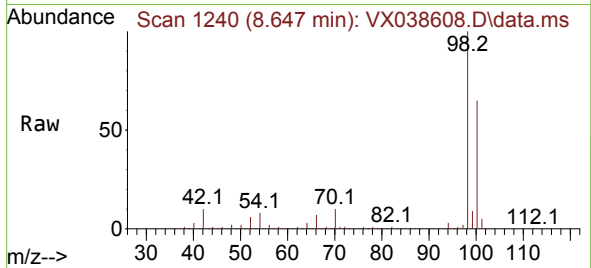




#50
Toluene-d8
Concen: 47.954 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038608.D
Acq: 27 Oct 2023 17:22

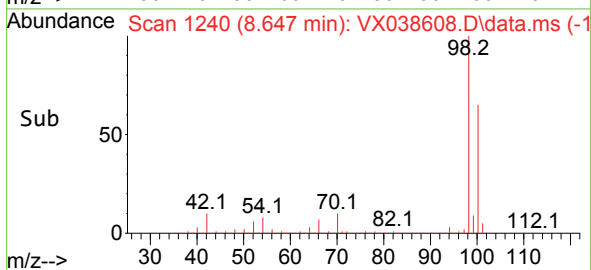
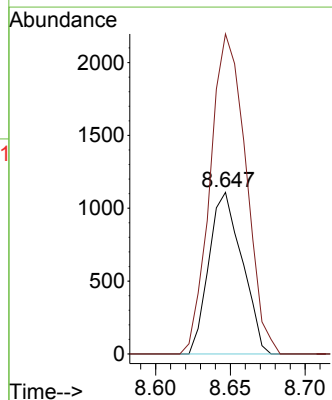
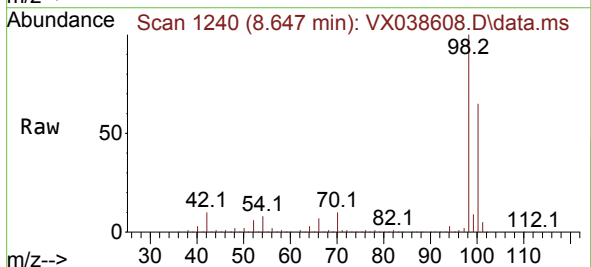
Instrument :
MSVOA_X
ClientSampleId :

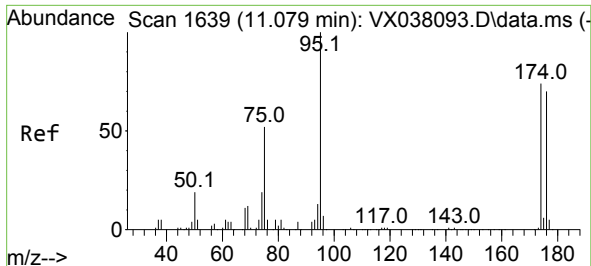
Tgt Ion: 98 Resp: 486081
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.384 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038608.D
Acq: 27 Oct 2023 17:22

Tgt Ion: 43 Resp: 1719
Ion Ratio Lower Upper
43 100
58 212.3 30.4 45.6#

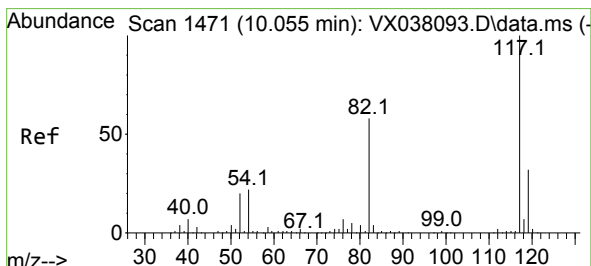
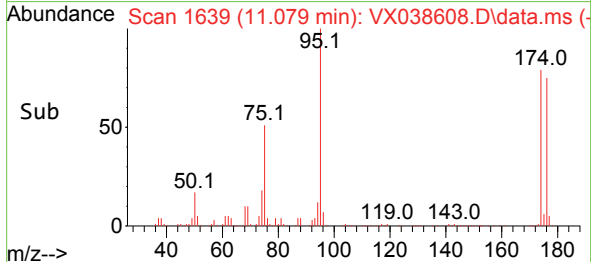
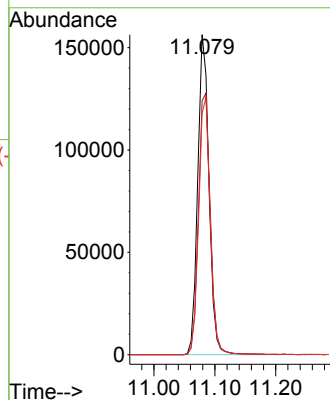
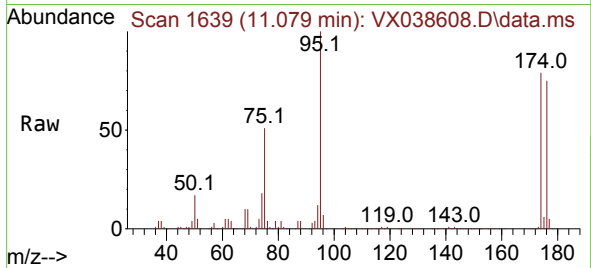




#62
4-Bromofluorobenzene
Concen: 52.098 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038608.D
Acq: 27 Oct 2023 17:22

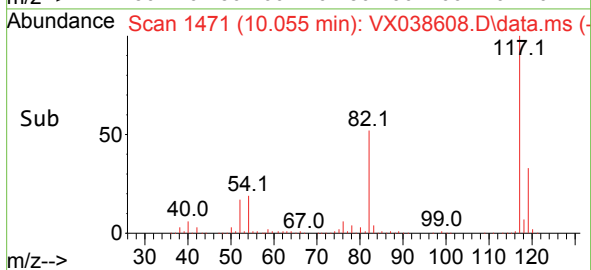
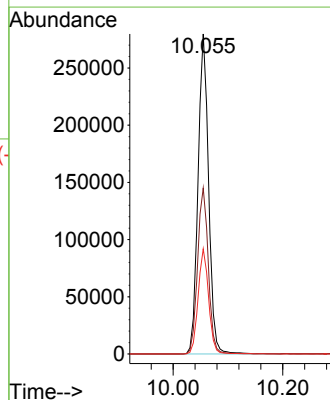
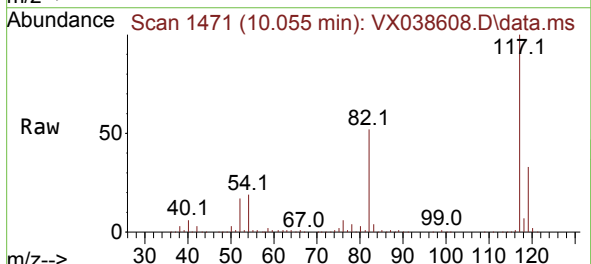
Instrument :
MSVOA_X
ClientSampleId :

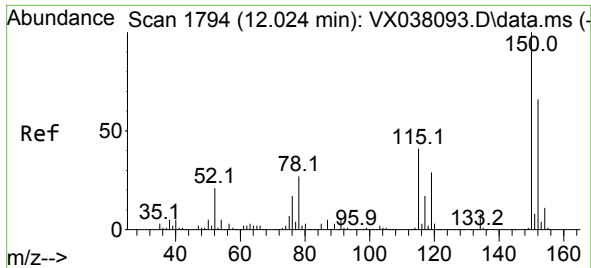
Tgt Ion: 95 Resp: 200204
Ion Ratio Lower Upper
95 100
174 86.6 0.0 135.6
176 82.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038608.D
Acq: 27 Oct 2023 17:22

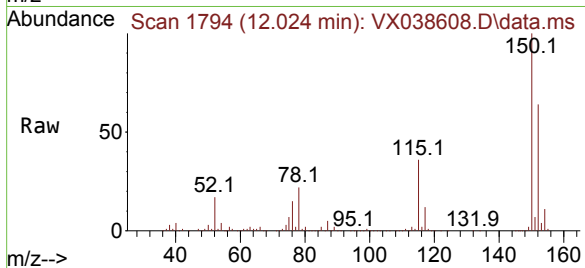
Tgt Ion: 117 Resp: 376182
Ion Ratio Lower Upper
117 100
82 51.9 46.2 69.4
119 32.8 25.5 38.3



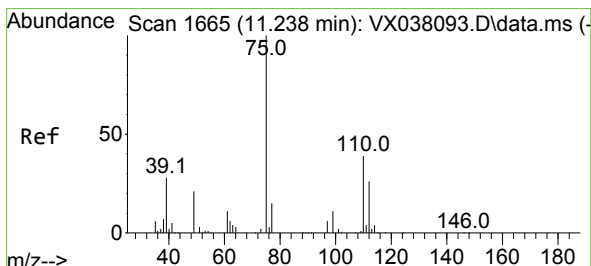
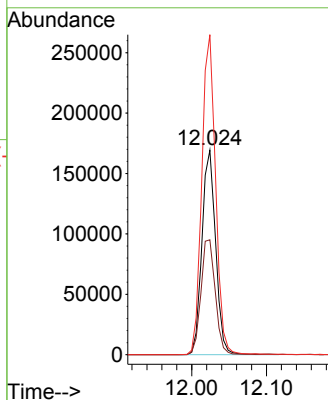
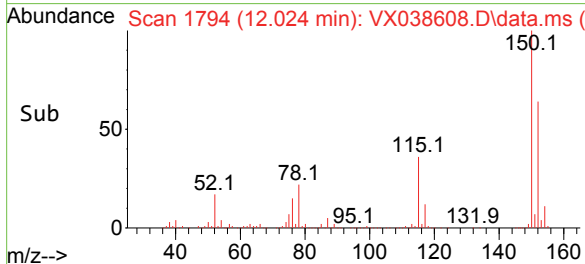


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038608.D
 Acq: 27 Oct 2023 17:22

Instrument :
 MSVOA_X
 ClientSampleId :

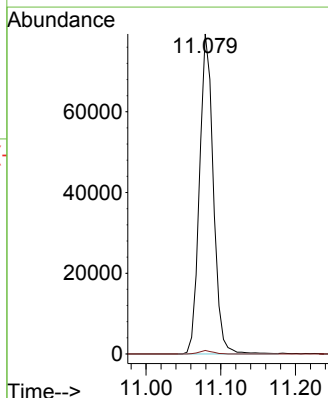
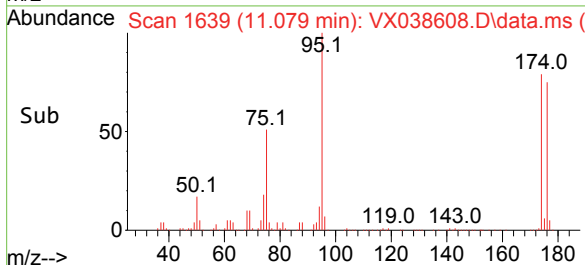
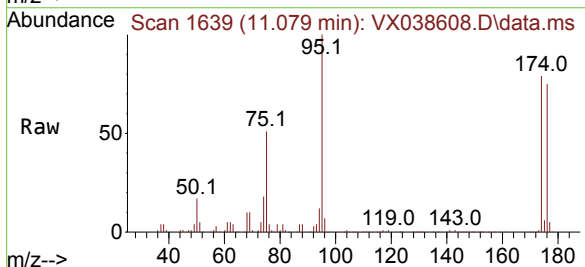


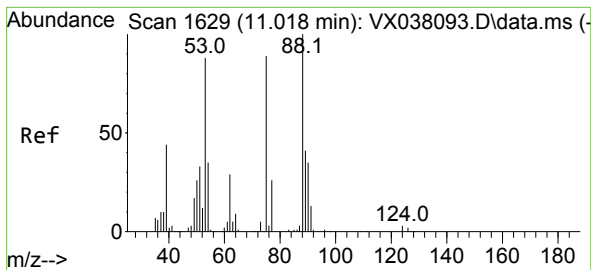
Tgt Ion:152 Resp: 215671
 Ion Ratio Lower Upper
 152 100
 115 58.8 43.3 129.9
 150 158.0 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 20.833 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038608.D
 Acq: 27 Oct 2023 17:22

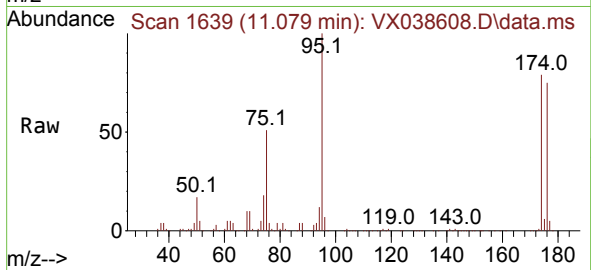
Tgt Ion: 75 Resp: 102146
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.958 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX038608.D
 Acq: 27 Oct 2023 17:22

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 102146
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

