

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102723\
 Data File : VX038604.D
 Acq On : 27 Oct 2023 15:49
 Operator : JC/MD
 Sample : 05063-15RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 30 01:31:49 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)

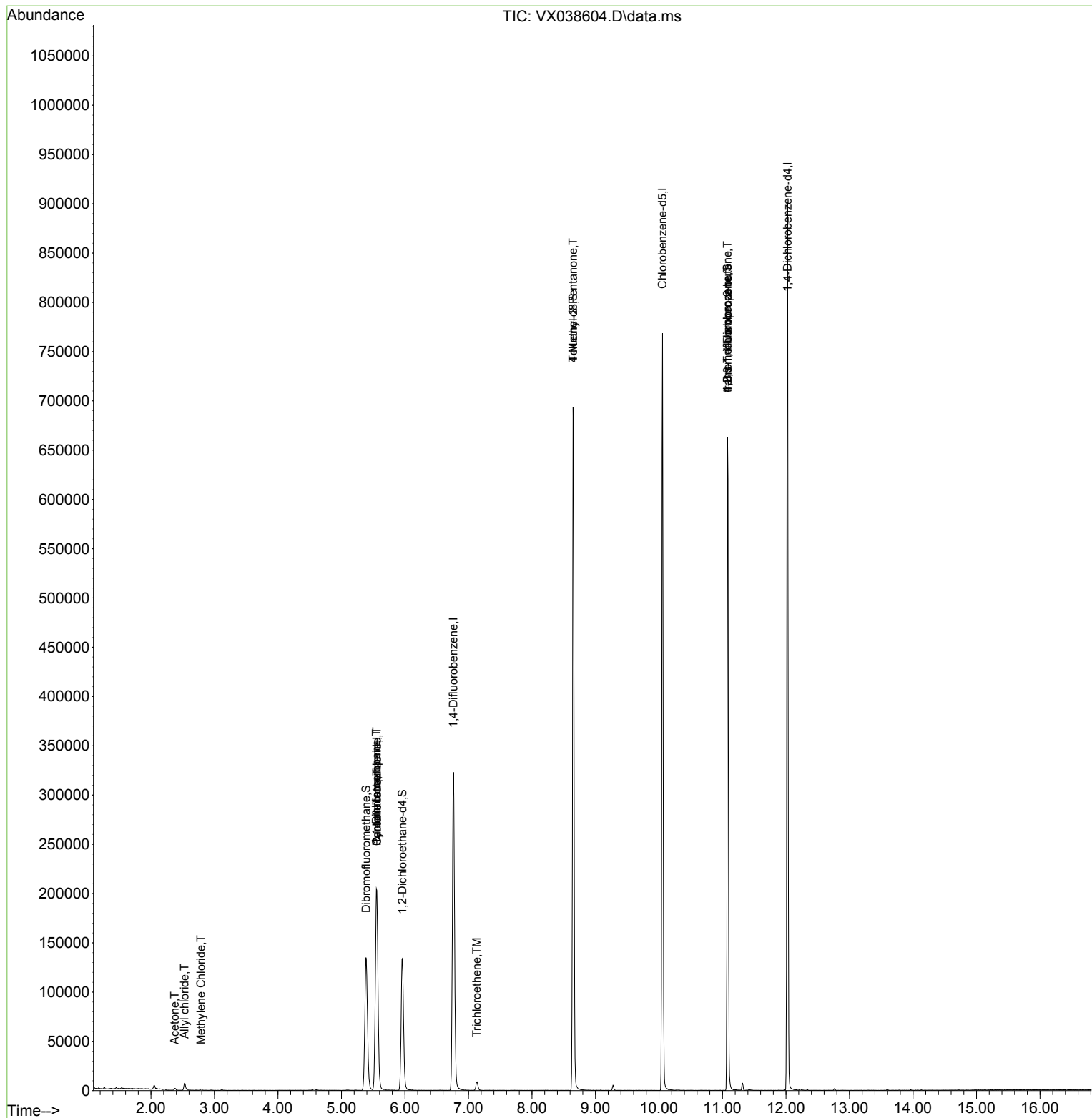
Internal Standards						
1) Pentafluorobenzene	5.556	168	206927	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	348245	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	203213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	132193	39.718	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	79.440%
35) Dibromofluoromethane	5.385	113	119040	47.439	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.880%
50) Toluene-d8	8.647	98	432762	45.132	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.260%#
62) 4-Bromofluorobenzene	11.079	95	178344	49.060	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.120%
Target Compounds						
					Qvalue	
5) Bromomethane	1.587	94	19	Below Cal	#	3
6) Chloroethane	1.697	64	117	Below Cal	#	43
11) Tert butyl alcohol	2.941	59	217	Below Cal	#	78
14) Allyl chloride	2.526	41	782	0.231	ug/l #	43
16) Acetone	2.374	43	2235	1.609	ug/l #	82
20) Methylene Chloride	2.788	84	593	0.227	ug/l #	90
31) Cyclohexane	5.556	56	4000	1.109	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	14630	4.228	ug/l #	51
38) Carbon Tetrachloride	5.556	117	20546	6.036	ug/l #	15
44) Trichloroethene	7.129	130	3923	1.550	ug/l	84
51) 4-Methyl-2-Pentanone	8.647	43	1461	0.345	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	90612	19.614	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	90612	56.685	ug/l #	5

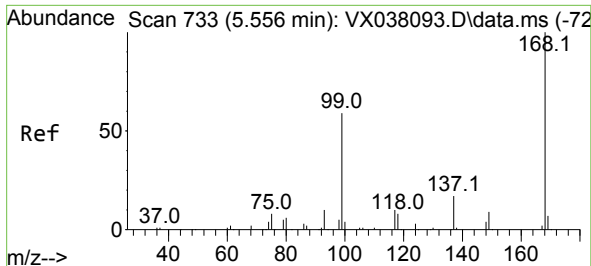
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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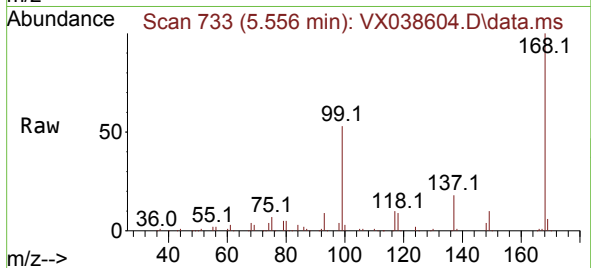
Quant Time: Oct 30 01:31:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



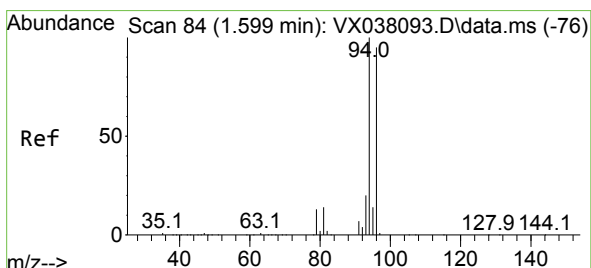
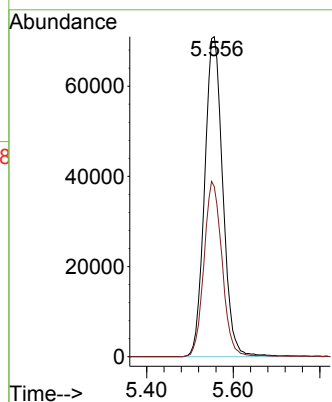
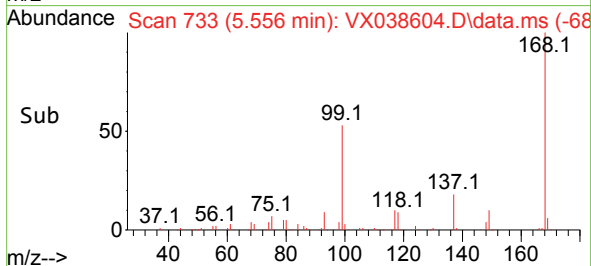


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038604.D
Acq: 27 Oct 2023 15:49

Instrument :
MSVOA_X
ClientSampleId :

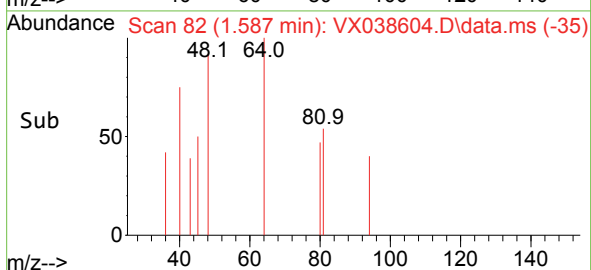
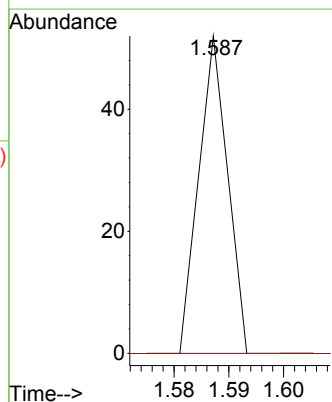
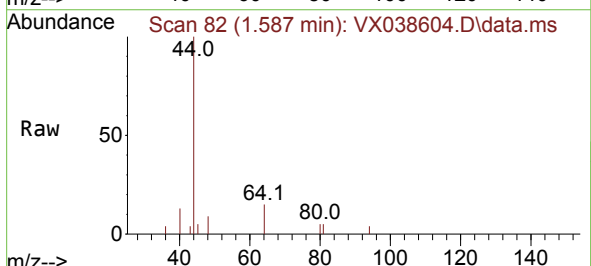


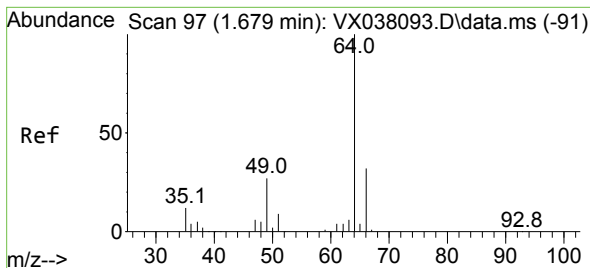
Tgt Ion:168 Resp: 206927
Ion Ratio Lower Upper
168 100
99 53.2 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.587 min Scan# 82
Delta R.T. -0.012 min
Lab File: VX038604.D
Acq: 27 Oct 2023 15:49

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





#6

Chloroethane

Concen: Below Cal

RT: 1.697 min Scan# 10

Delta R.T. 0.018 min

Lab File: VX038604.D

Acq: 27 Oct 2023 15:49

Instrument :

MSVOA_X

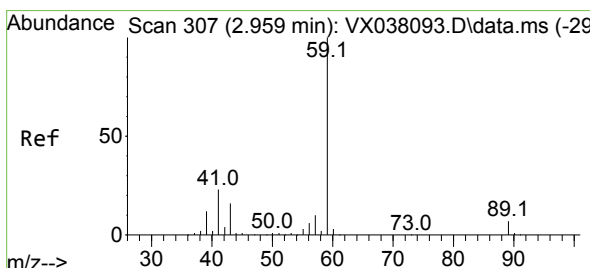
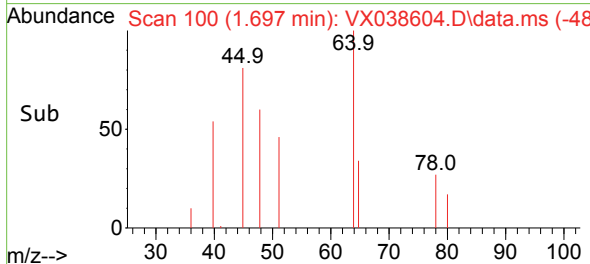
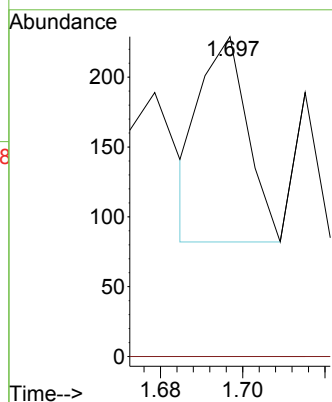
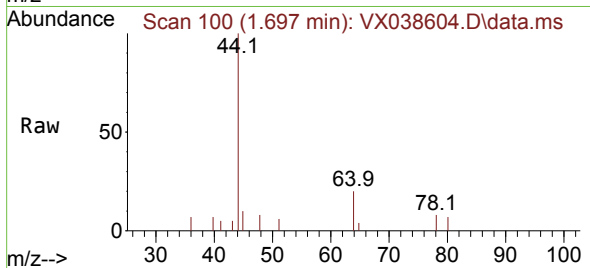
ClientSampleId :

Tgt Ion: 64 Resp: 117

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.941 min Scan# 304

Delta R.T. -0.018 min

Lab File: VX038604.D

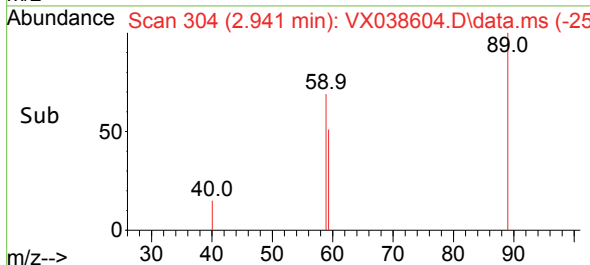
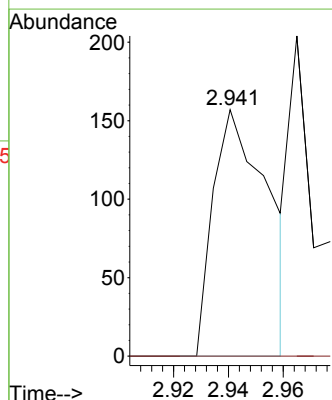
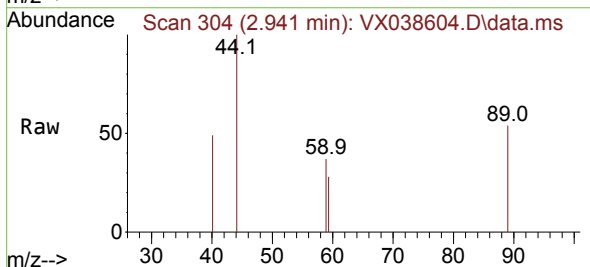
Acq: 27 Oct 2023 15:49

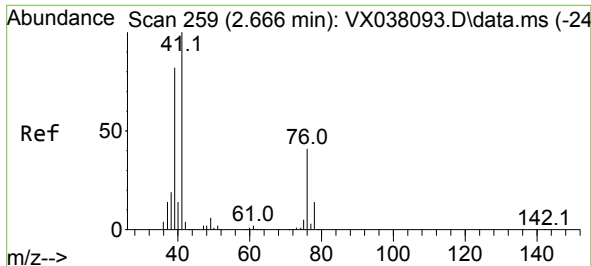
Tgt Ion: 59 Resp: 217

Ion Ratio Lower Upper

59 100

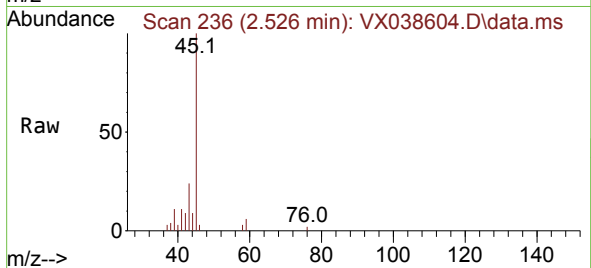
57 0.0 6.0 9.0#



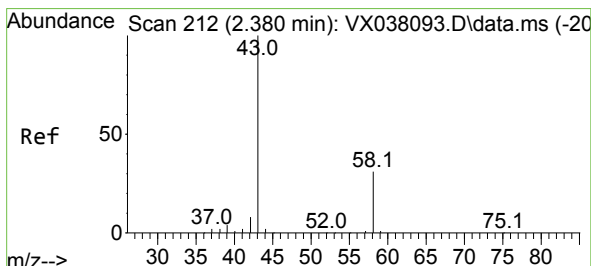
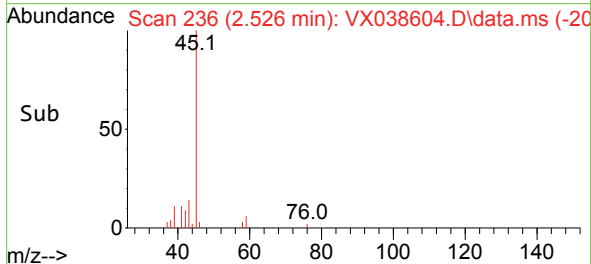
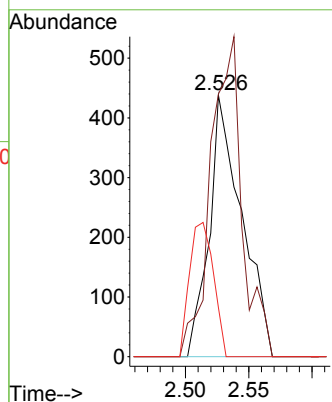


#14
 Allyl chloride
 Concen: 0.231 ug/l
 RT: 2.526 min Scan# 211
 Delta R.T. -0.134 min
 Lab File: VX038604.D
 Acq: 27 Oct 2023 15:49

Instrument :
 MSVOA_X
 ClientSampleId :

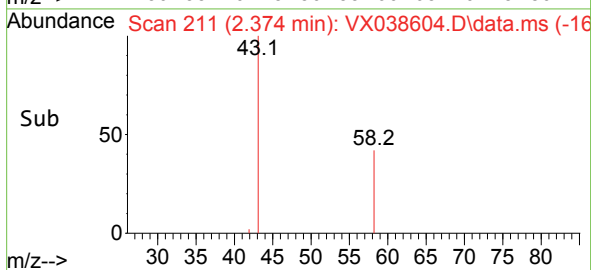
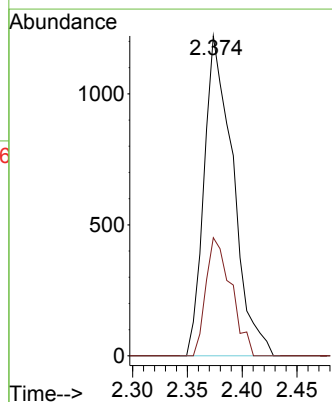
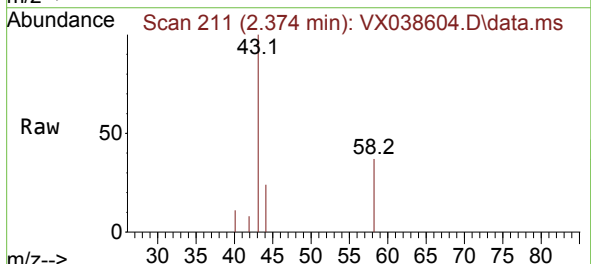


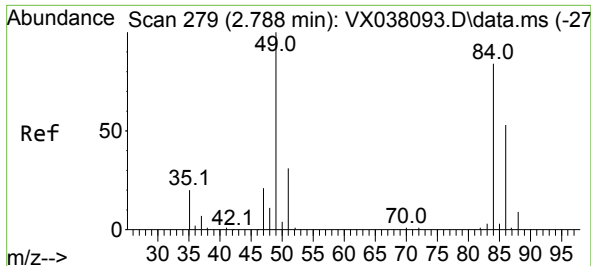
Tgt Ion: 41 Resp: 782
 Ion Ratio Lower Upper
 41 100
 39 117.3 55.8 83.6#
 76 0.0 24.3 36.5#



#16
 Acetone
 Concen: 1.609 ug/l
 RT: 2.374 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VX038604.D
 Acq: 27 Oct 2023 15:49

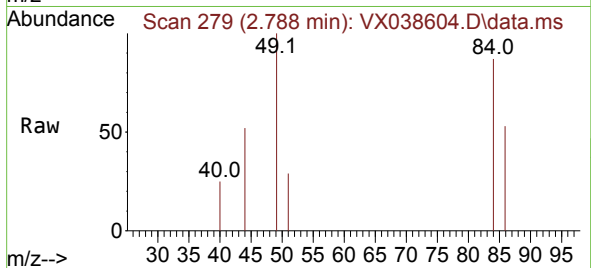
Tgt Ion: 43 Resp: 2235
 Ion Ratio Lower Upper
 43 100
 58 36.9 21.9 32.9#



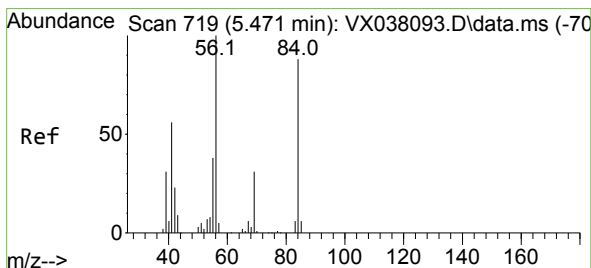
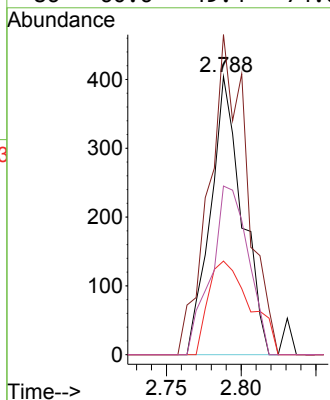
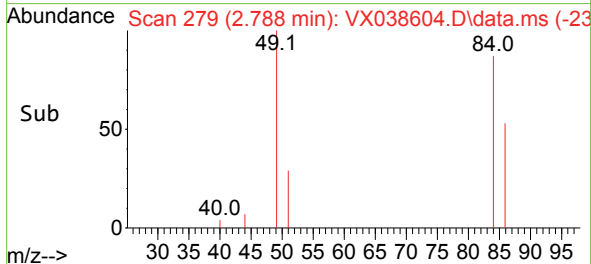


#20
Methylene Chloride
Concen: 0.227 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038604.D
Acq: 27 Oct 2023 15:49

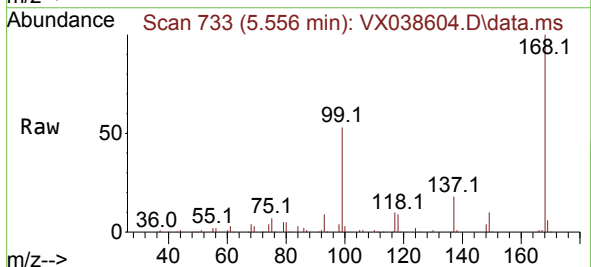
Instrument :
MSVOA_X
ClientSampleId :



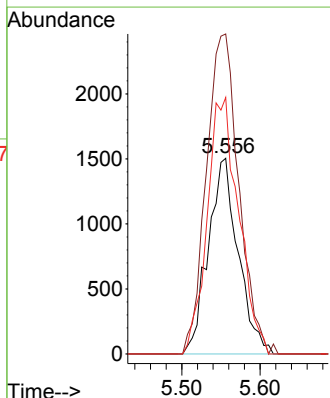
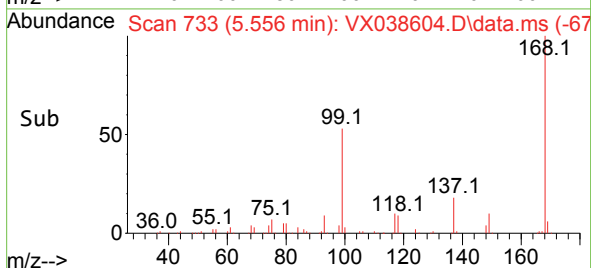
Tgt Ion: 84	Resp: 593
Ion Ratio	Lower Upper
84 100	
49 115.1	103.6 155.4
51 33.7	33.8 50.6#
86 60.6	49.4 74.0

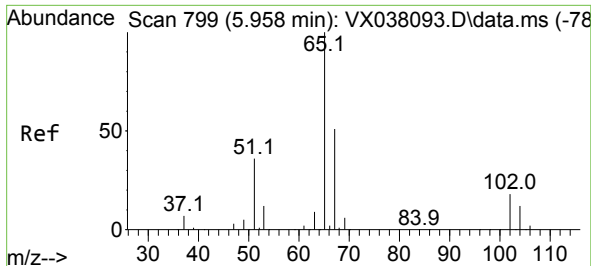


#31
Cyclohexane
Concen: 1.109 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX038604.D
Acq: 27 Oct 2023 15:49



Tgt Ion: 56	Resp: 4000
Ion Ratio	Lower Upper
56 100	
69 163.5	23.4 35.2#
84 131.1	65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 39.718 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038604.D

Acq: 27 Oct 2023 15:49

Instrument :

MSVOA_X

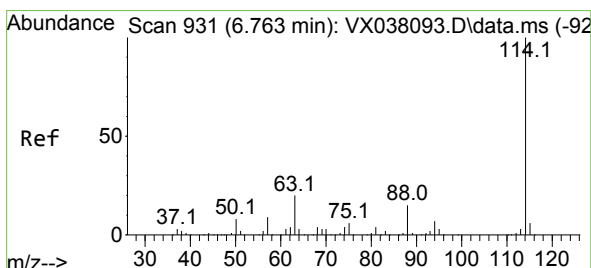
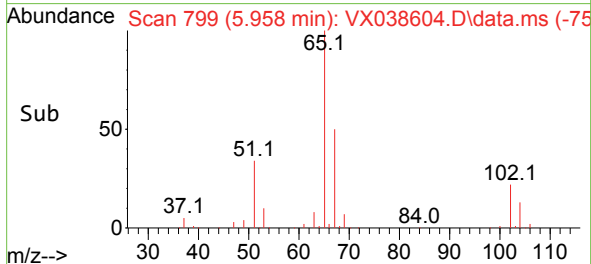
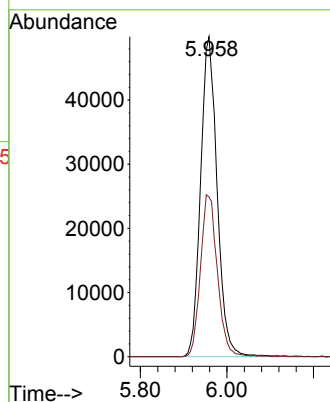
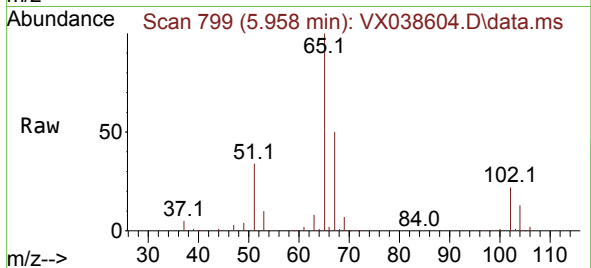
ClientSampleId :

Tgt Ion: 65 Resp: 132193

Ion Ratio Lower Upper

65 100

67 51.6 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: VX038604.D

Acq: 27 Oct 2023 15:49

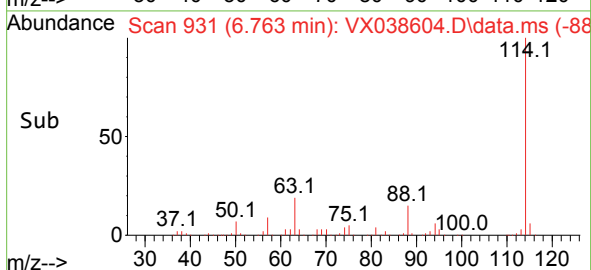
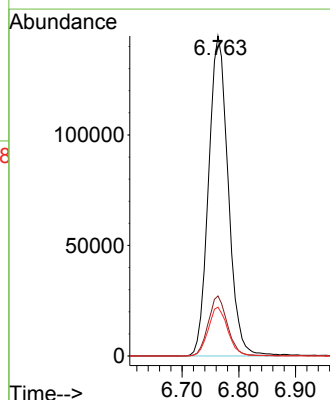
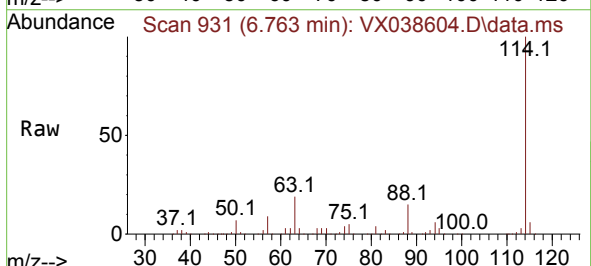
Tgt Ion: 114 Resp: 348245

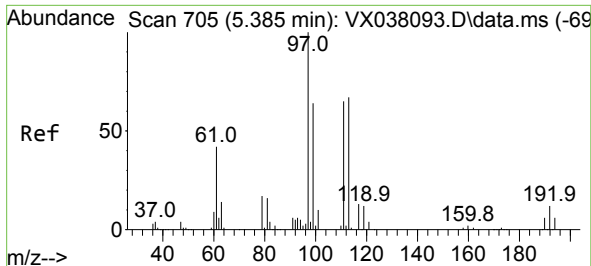
Ion Ratio Lower Upper

114 100

63 18.8 0.0 45.0

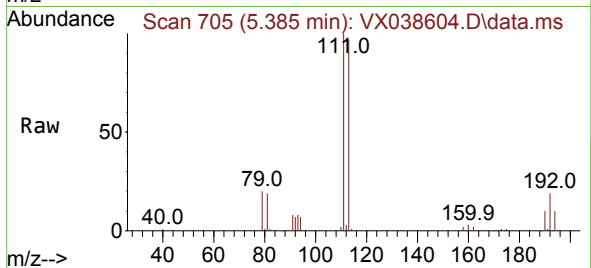
88 15.2 0.0 36.6



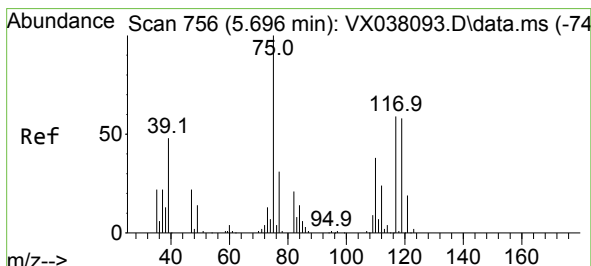
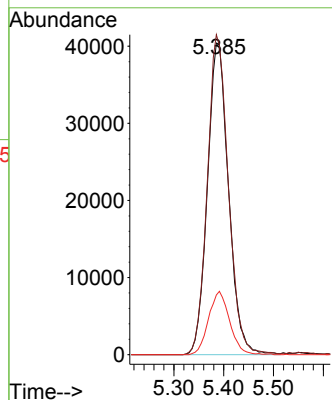
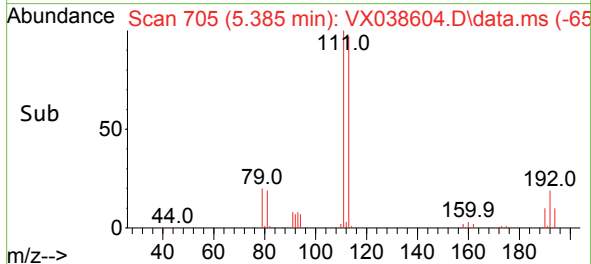


#35
Dibromofluoromethane
Concen: 47.439 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038604.D
Acq: 27 Oct 2023 15:49

Instrument :
MSVOA_X
ClientSampleId :

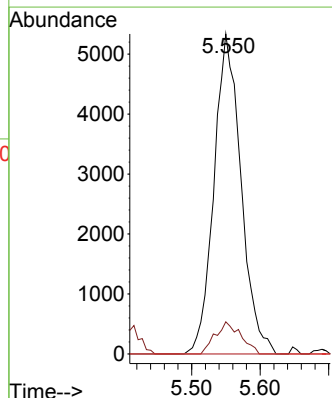
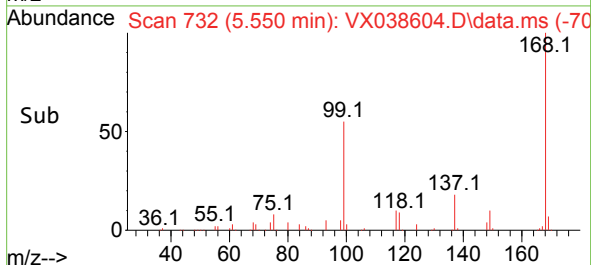
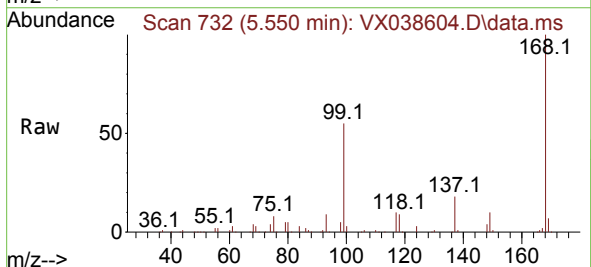


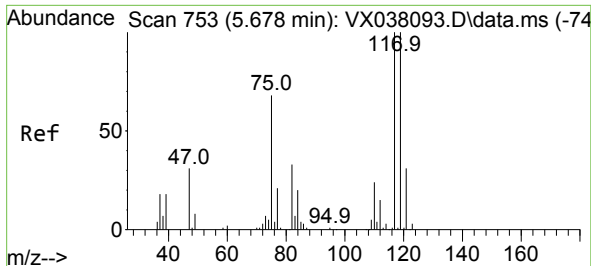
Tgt Ion:113 Resp: 119040
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 20.3 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.228 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038604.D
Acq: 27 Oct 2023 15:49

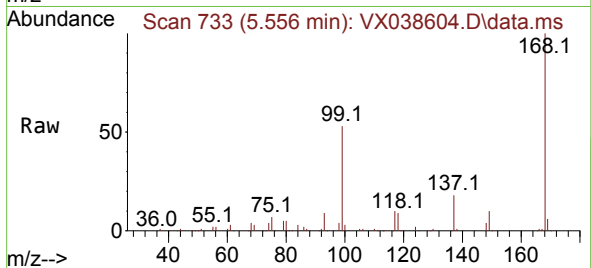
Tgt Ion: 75 Resp: 14630
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



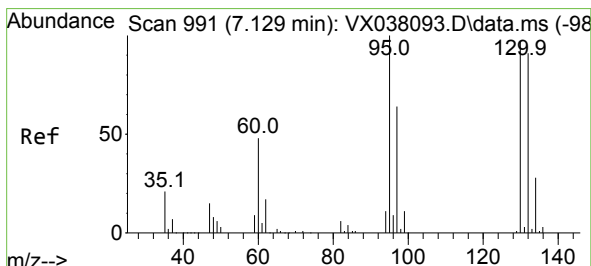
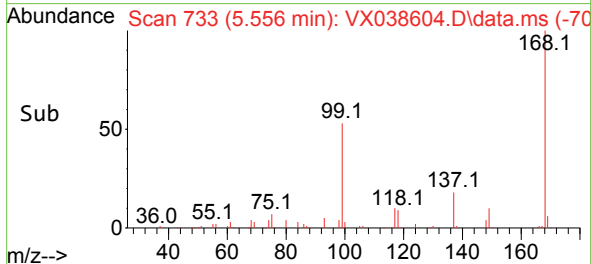
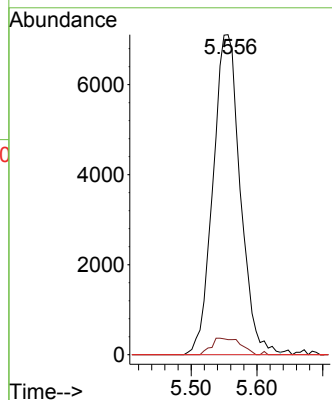


#38
Carbon Tetrachloride
Concen: 6.036 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX038604.D
Acq: 27 Oct 2023 15:49

Instrument :
MSVOA_X
ClientSampleId :

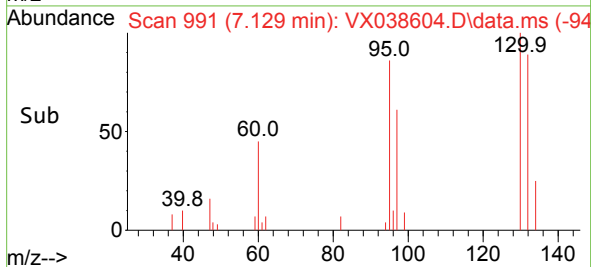
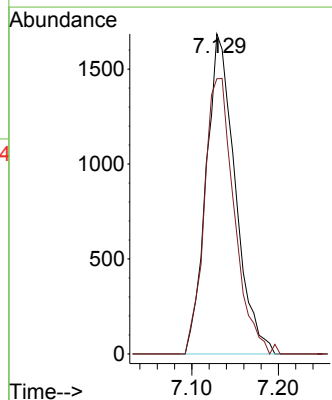
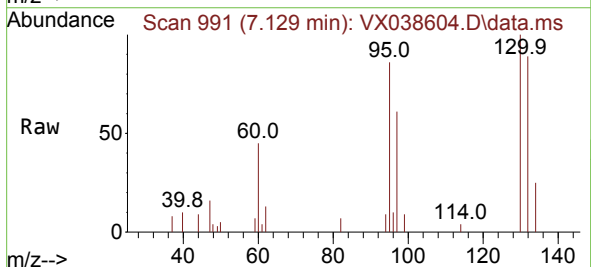


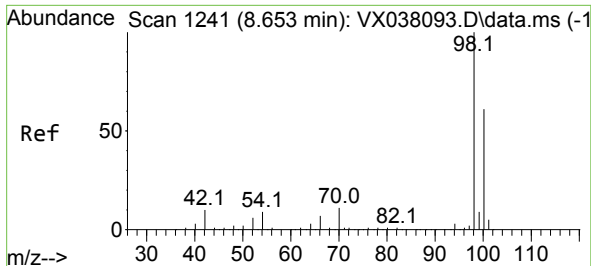
Tgt Ion:117 Resp: 20546
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 1.550 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038604.D
Acq: 27 Oct 2023 15:49

Tgt Ion:130 Resp: 3923
Ion Ratio Lower Upper
130 100
95 86.0 0.0 204.4

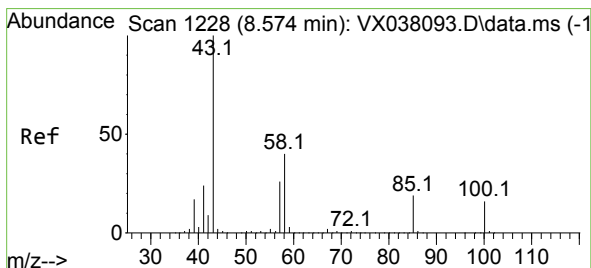
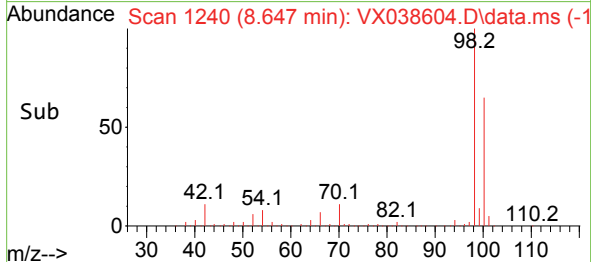
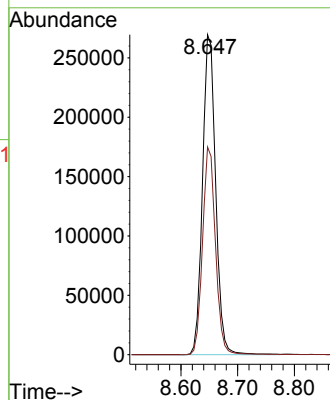
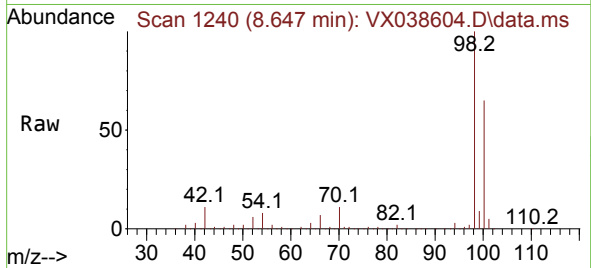




#50
Toluene-d8
Concen: 45.132 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038604.D
Acq: 27 Oct 2023 15:49

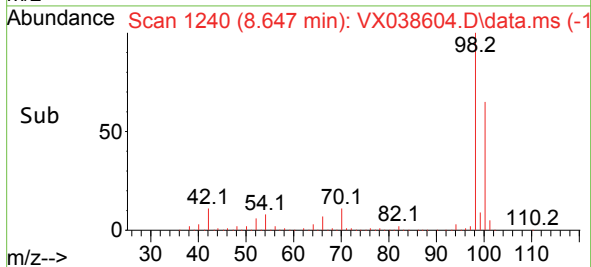
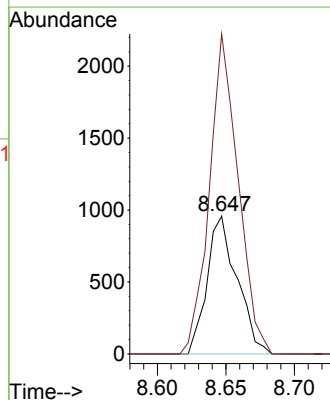
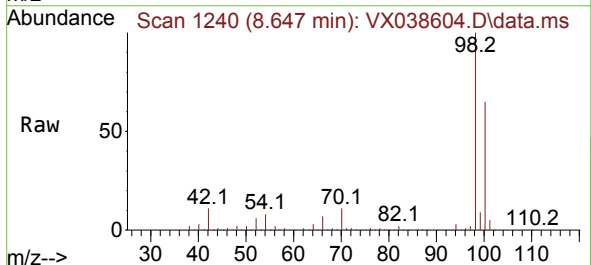
Instrument :
MSVOA_X
ClientSampleId :

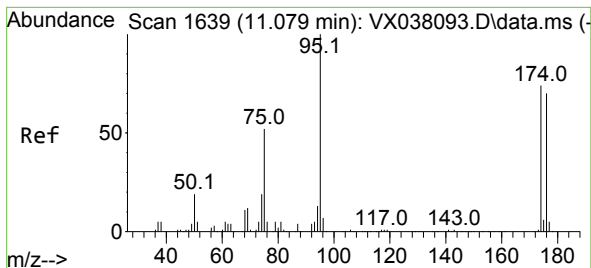
Tgt Ion: 98 Resp: 432762
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.345 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038604.D
Acq: 27 Oct 2023 15:49

Tgt Ion: 43 Resp: 1461
Ion Ratio Lower Upper
43 100
58 222.6 30.4 45.6#

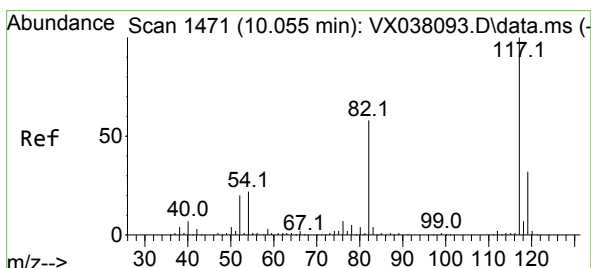
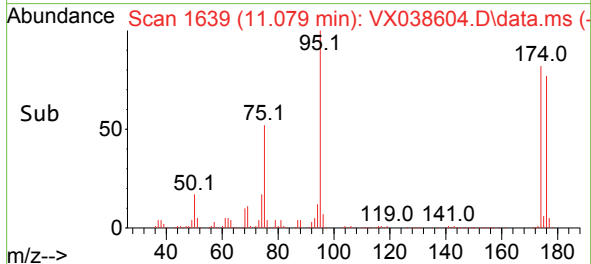
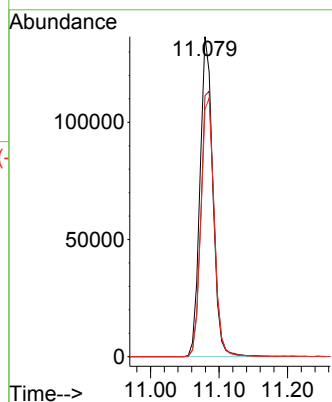
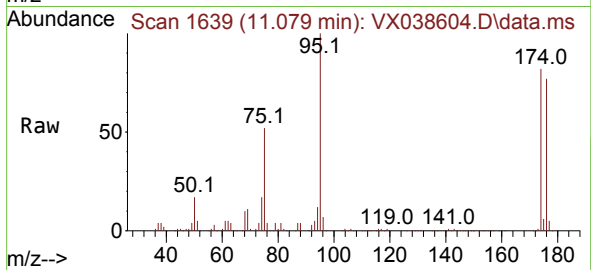




#62
4-Bromofluorobenzene
Concen: 49.060 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038604.D
Acq: 27 Oct 2023 15:49

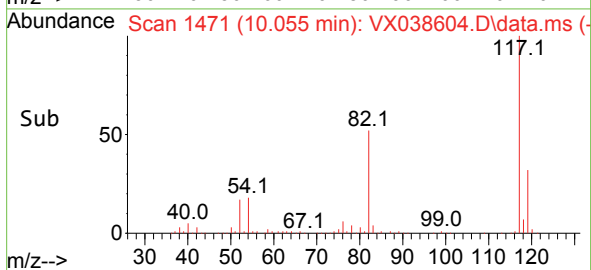
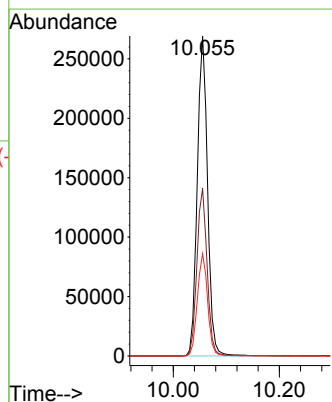
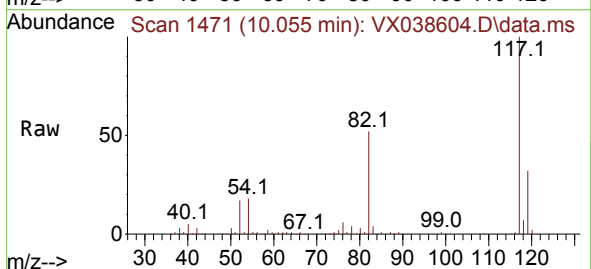
Instrument :
MSVOA_X
ClientSampleId :

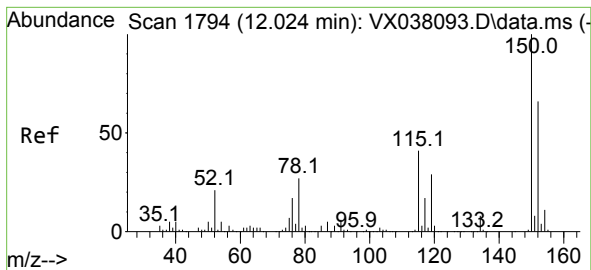
Tgt Ion: 95 Resp: 178344
Ion Ratio Lower Upper
95 100
174 86.1 0.0 135.6
176 83.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038604.D
Acq: 27 Oct 2023 15:49

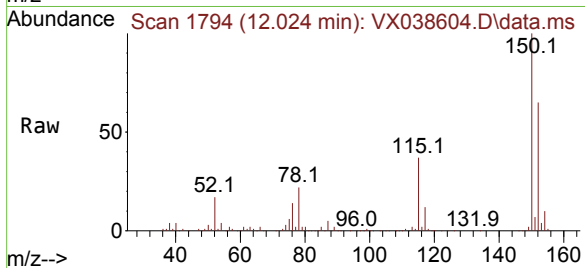
Tgt Ion: 117 Resp: 362661
Ion Ratio Lower Upper
117 100
82 52.4 46.2 69.4
119 32.0 25.5 38.3



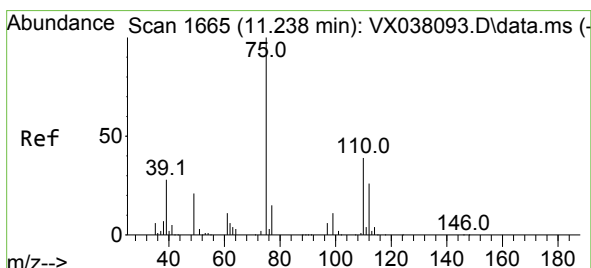
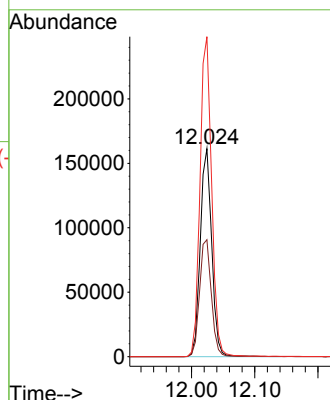
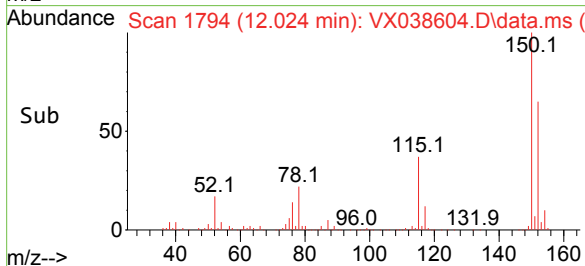


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038604.D
 Acq: 27 Oct 2023 15:49

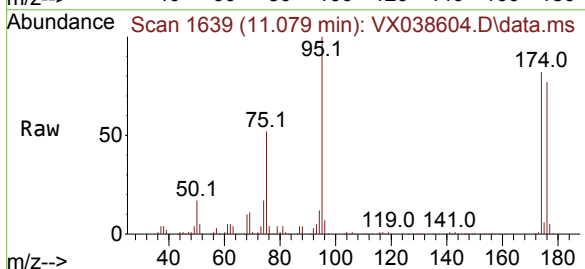
Instrument :
 MSVOA_X
 ClientSampleId :



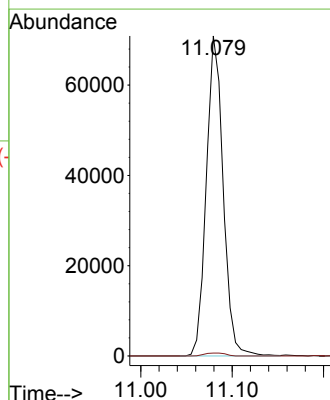
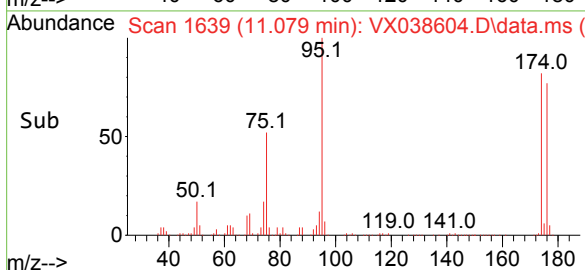
Tgt Ion:152 Resp: 203213
 Ion Ratio Lower Upper
 152 100
 115 58.0 43.3 129.9
 150 155.9 0.0 345.0

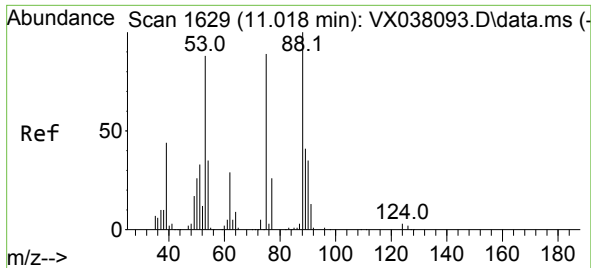


#76
 1,2,3-Trichloropropane
 Concen: 19.614 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038604.D
 Acq: 27 Oct 2023 15:49



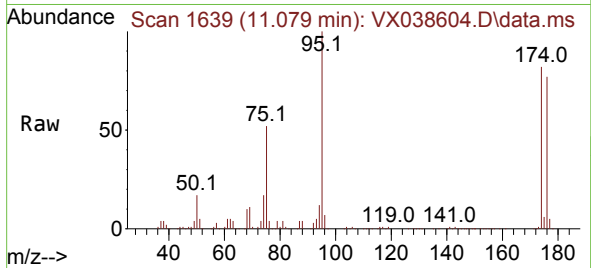
Tgt Ion: 75 Resp: 90612
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.685 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038604.D
 Acq: 27 Oct 2023 15:49

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 90612
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

