

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038507.D
 Acq On : 26 Oct 2023 08:39
 Operator : JC/MD
 Sample : 05065-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 26 09:11:05 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)

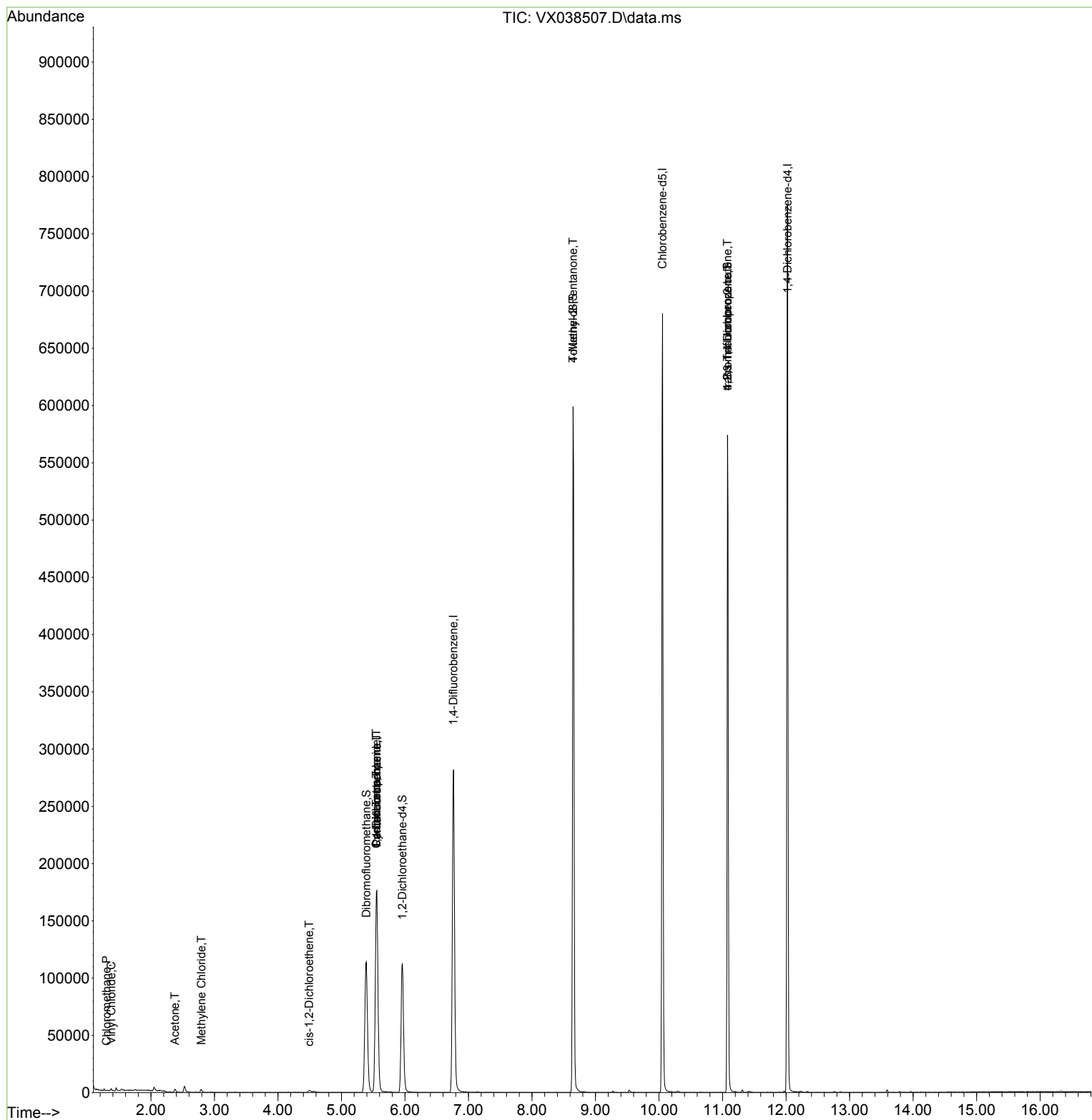
Internal Standards						
1) Pentafluorobenzene	5.556	168	176044	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	304666	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	314753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	109930	38.823	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	77.640%#
35) Dibromofluoromethane	5.391	113	99908	45.510	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.020%
50) Toluene-d8	8.647	98	368161	43.887	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.780%#
62) 4-Bromofluorobenzene	11.079	95	148095	46.566	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.140%
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	677	0.391	ug/l	# 83
4) Vinyl Chloride	1.374	62	799	0.416	ug/l	# 63
5) Bromomethane	1.624	94	86	Below Cal	#	3
6) Chloroethane	1.666	64	203	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	176	Below Cal	#	78
16) Acetone	2.380	43	2809	2.377	ug/l	96
20) Methylene Chloride	2.794	84	1188	0.534	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	1175	0.495	ug/l	64
31) Cyclohexane	5.550	56	3478	1.134	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	12734	4.206	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	17470	5.866	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	1427	0.385	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	75192	19.125	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	75192	55.373	ug/l	# 5

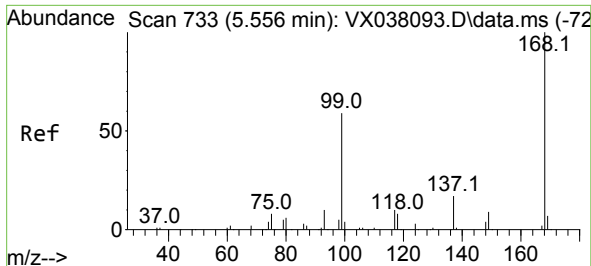
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
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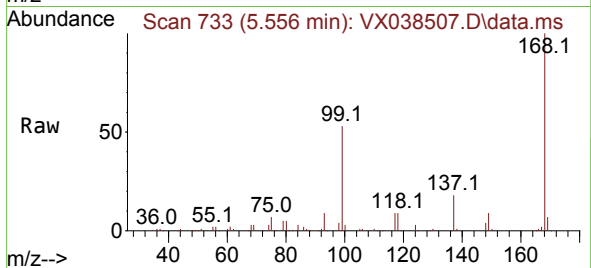
Quant Time: Oct 26 09:11:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



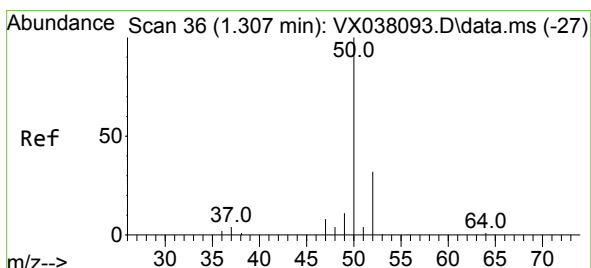
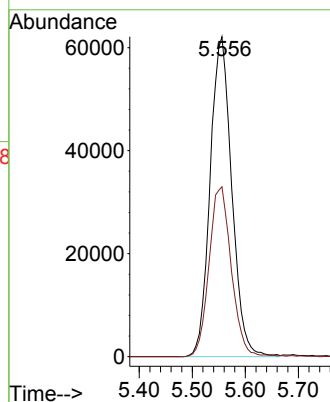
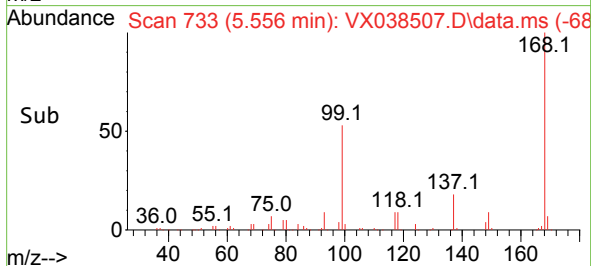


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038507.D
Acq: 26 Oct 2023 08:39

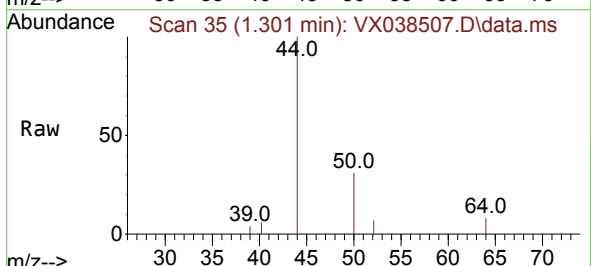
Instrument :
MSVOA_X
ClientSampleId :



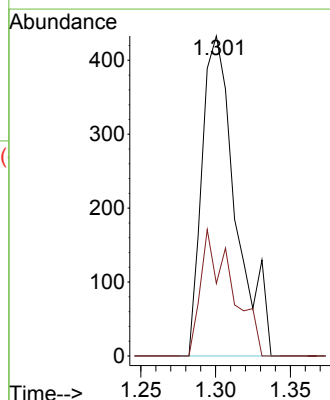
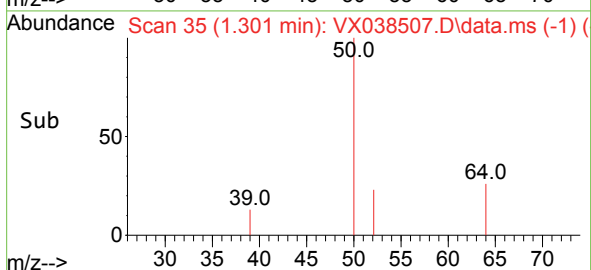
Tgt Ion:168 Resp: 176044
Ion Ratio Lower Upper
168 100
99 53.1 56.6 85.0#

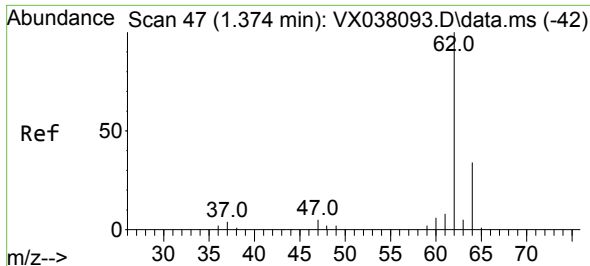


#3
Chloromethane
Concen: 0.391 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX038507.D
Acq: 26 Oct 2023 08:39



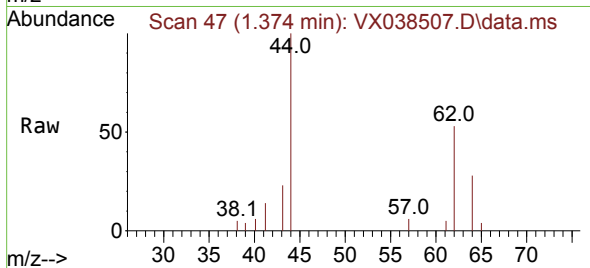
Tgt Ion: 50 Resp: 677
Ion Ratio Lower Upper
50 100
52 22.6 25.5 38.3#



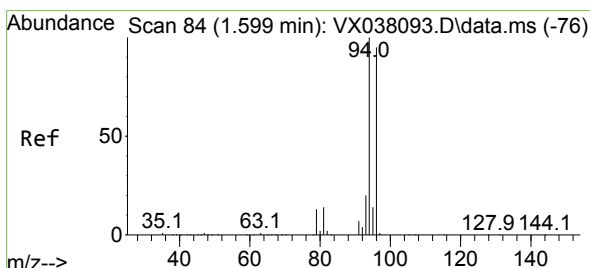
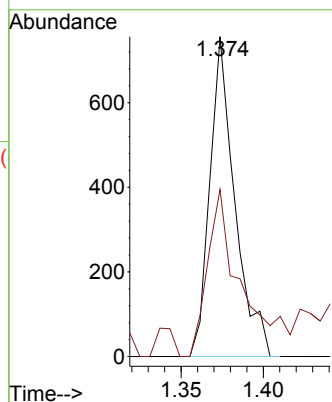
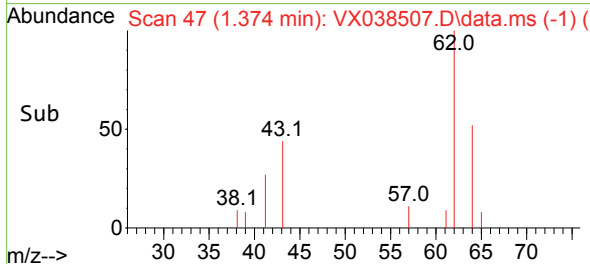


#4
 Vinyl Chloride
 Concen: 0.416 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038507.D
 Acq: 26 Oct 2023 08:39

Instrument :
 MSVOA_X
 ClientSampleId :

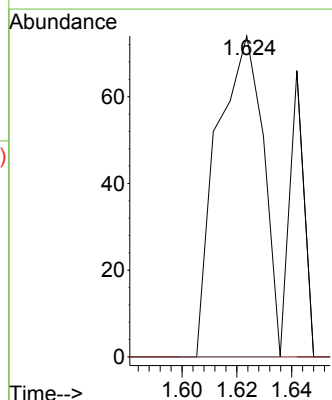
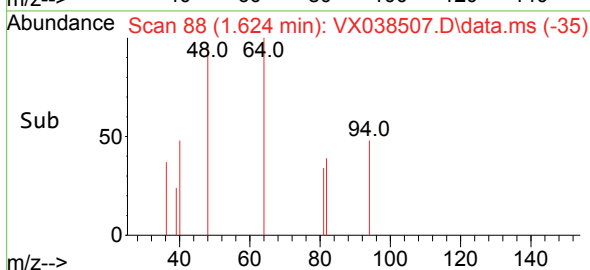
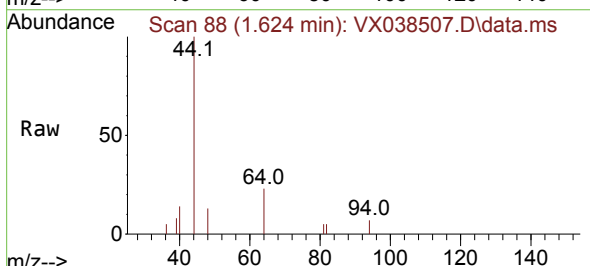


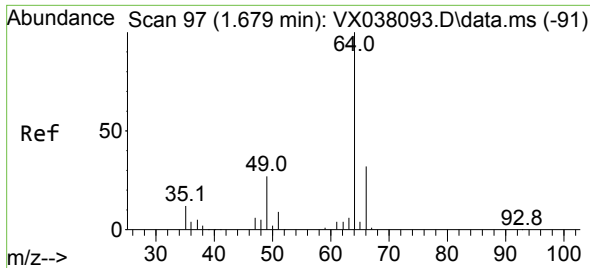
Tgt Ion: 62 Resp: 799
 Ion Ratio Lower Upper
 62 100
 64 52.2 25.4 38.0#



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.624 min Scan# 88
 Delta R.T. 0.025 min
 Lab File: VX038507.D
 Acq: 26 Oct 2023 08:39

Tgt Ion: 94 Resp: 86
 Ion Ratio Lower Upper
 94 100
 96 0.0 74.6 111.8#

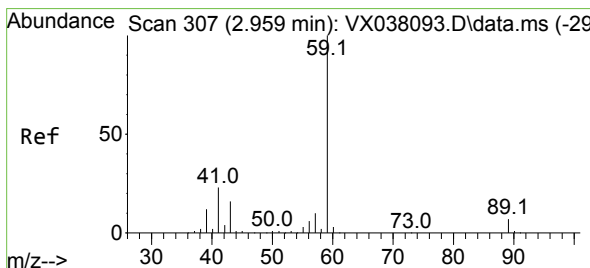
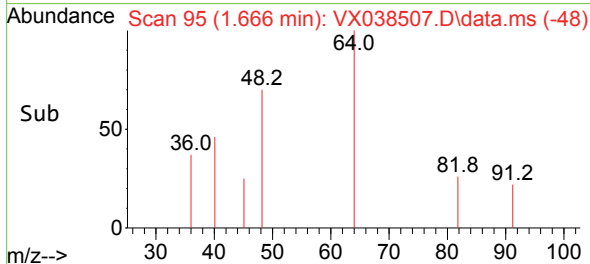
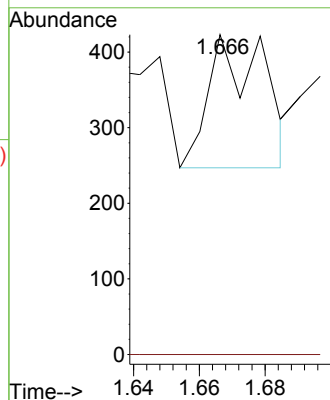
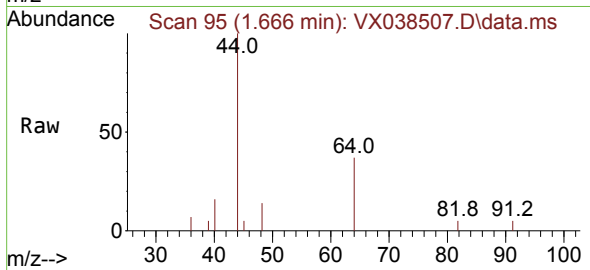




#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 91
Delta R.T. -0.013 min
Lab File: VX038507.D
Acq: 26 Oct 2023 08:39

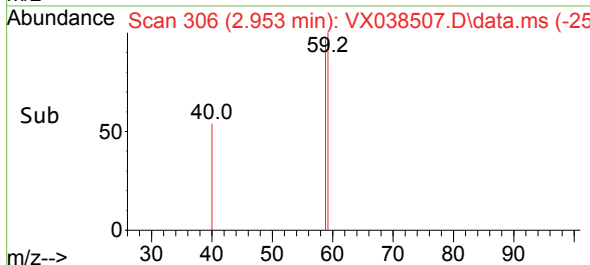
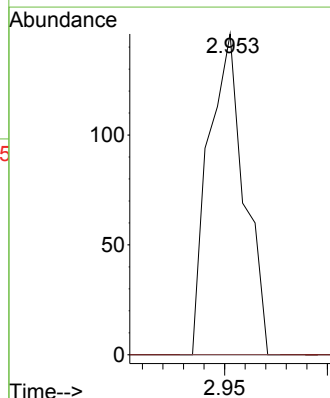
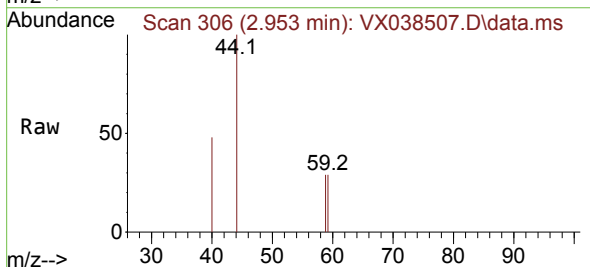
Instrument :
MSVOA_X
ClientSampleId :

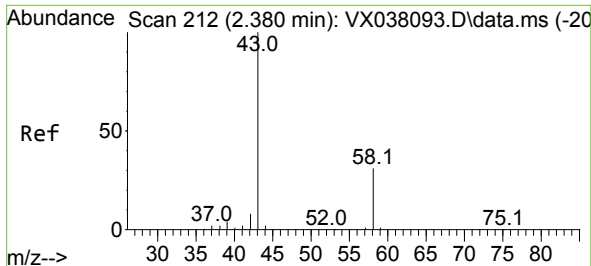
Tgt Ion: 64 Resp: 203
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038507.D
Acq: 26 Oct 2023 08:39

Tgt Ion: 59 Resp: 176
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

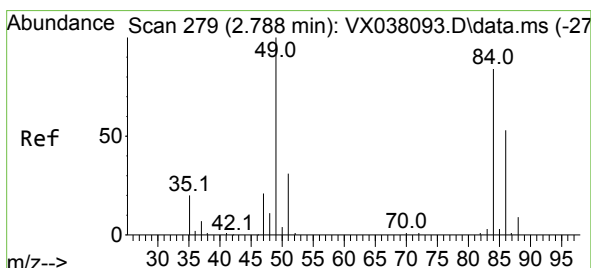
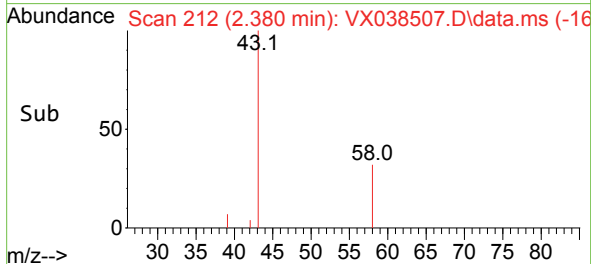
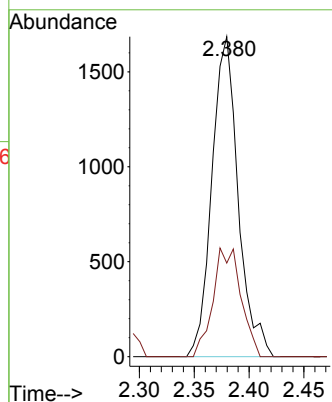
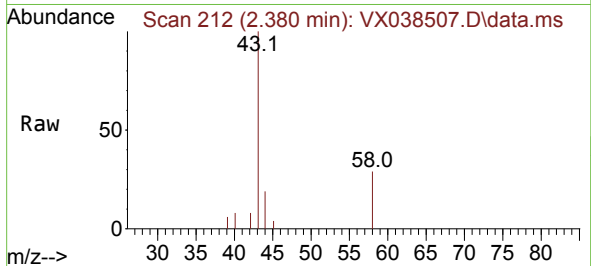




#16
Acetone
Concen: 2.377 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038507.D
Acq: 26 Oct 2023 08:39

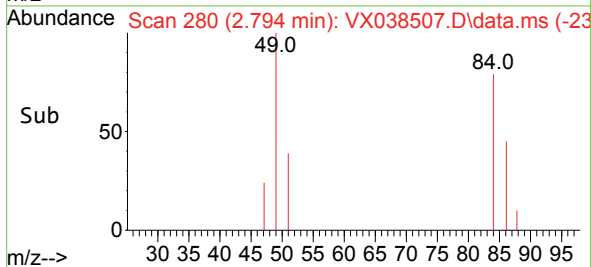
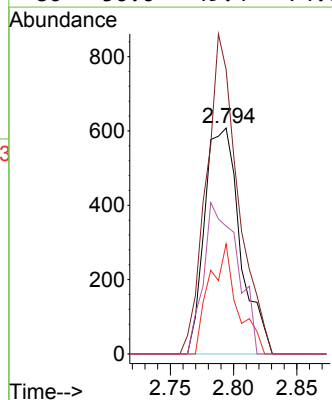
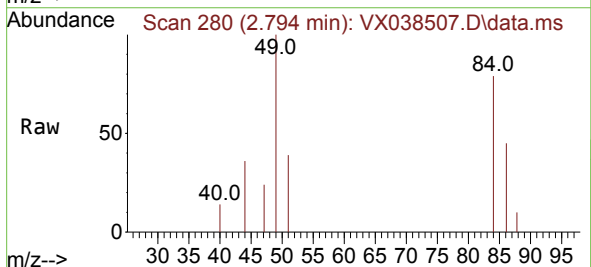
Instrument :
MSVOA_X
ClientSampleId :

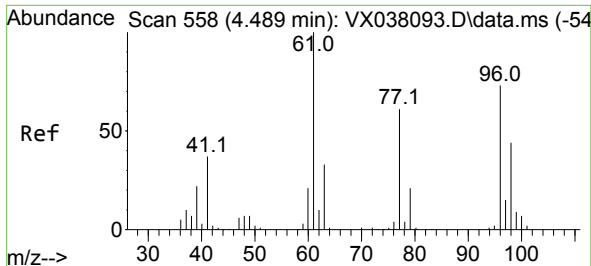
Tgt Ion: 43 Resp: 2809
Ion Ratio Lower Upper
43 100
58 29.3 21.9 32.9



#20
Methylene Chloride
Concen: 0.534 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038507.D
Acq: 26 Oct 2023 08:39

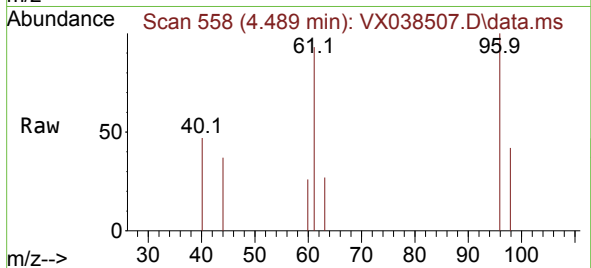
Tgt Ion: 84 Resp: 1188
Ion Ratio Lower Upper
84 100
49 125.8 103.6 155.4
51 48.7 33.8 50.6
86 56.6 49.4 74.0



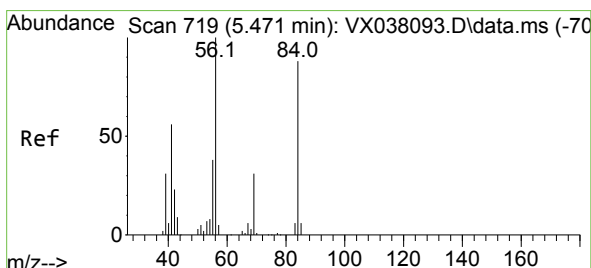
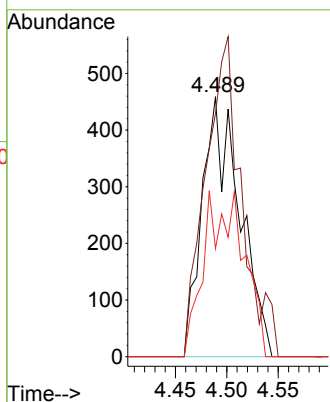
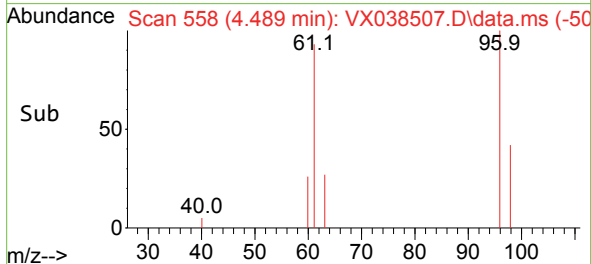


#27
cis-1,2-Dichloroethene
Concen: 0.495 ug/l
RT: 4.489 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX038507.D
Acq: 26 Oct 2023 08:39

Instrument :
MSVOA_X
ClientSampleId :

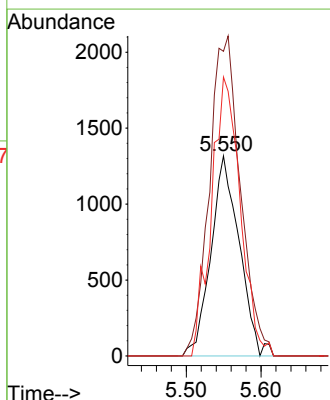
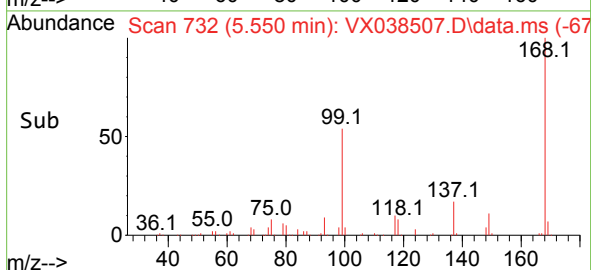
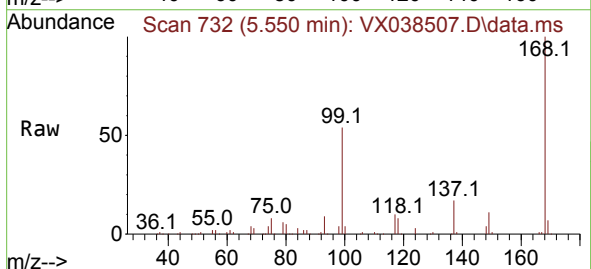


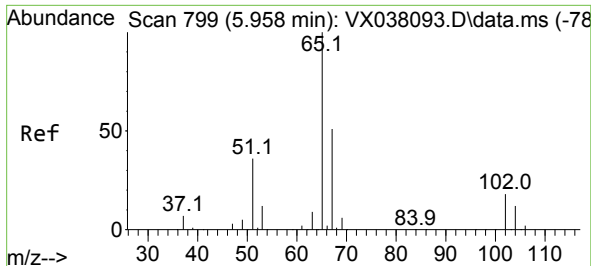
Tgt Ion: 96	Resp: 1175
Ion Ratio	Lower Upper
96 100	
61 116.7	0.0 312.2
98 24.9	0.0 129.0



#31
Cyclohexane
Concen: 1.134 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038507.D
Acq: 26 Oct 2023 08:39

Tgt Ion: 56	Resp: 3478
Ion Ratio	Lower Upper
56 100	
69 152.3	23.4 35.2#
84 139.4	65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 38.823 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038507.D

Acq: 26 Oct 2023 08:39

Instrument :

MSVOA_X

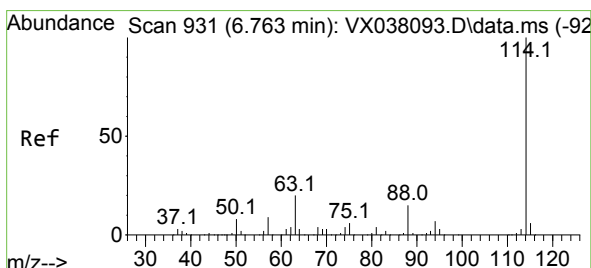
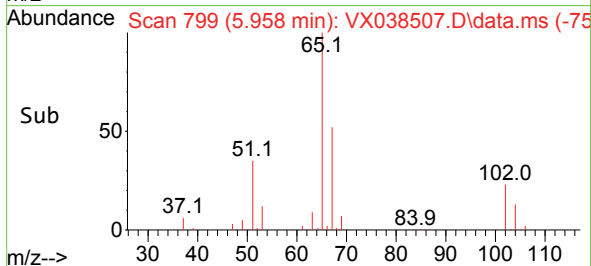
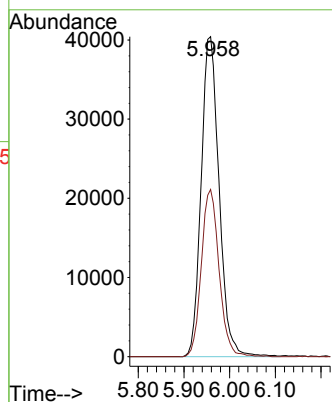
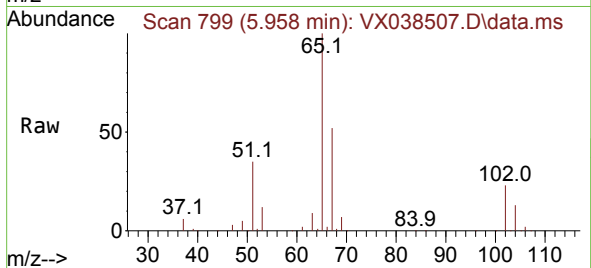
ClientSampleId :

Tgt Ion: 65 Resp: 109930

Ion Ratio Lower Upper

65 100

67 51.7 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: VX038507.D

Acq: 26 Oct 2023 08:39

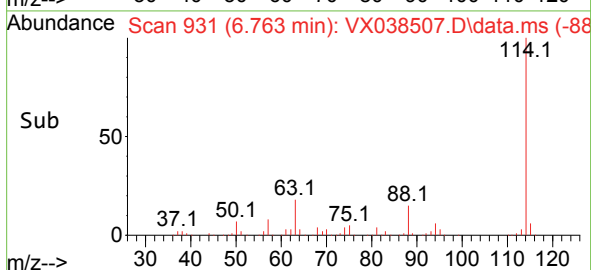
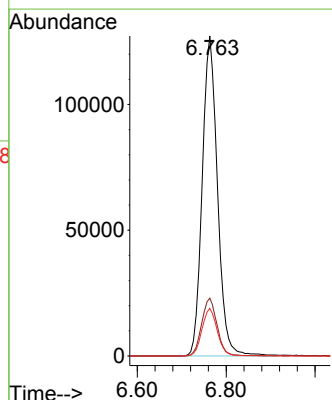
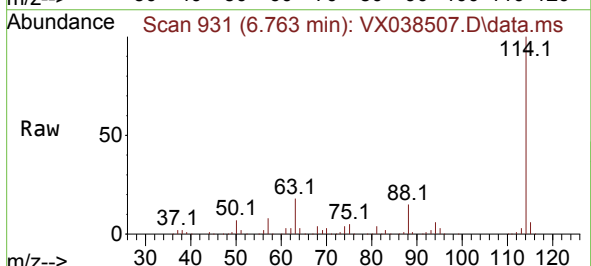
Tgt Ion:114 Resp: 304666

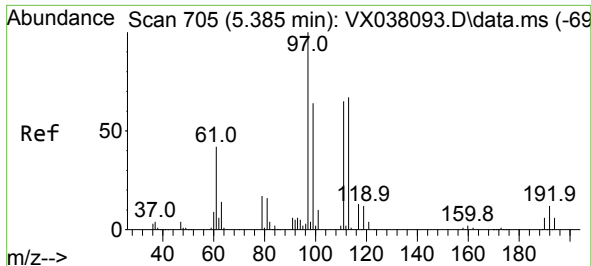
Ion Ratio Lower Upper

114 100

63 18.1 0.0 45.0

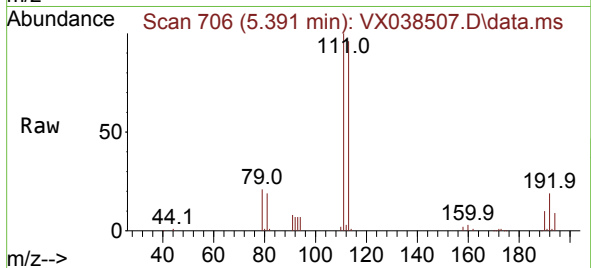
88 14.8 0.0 36.6



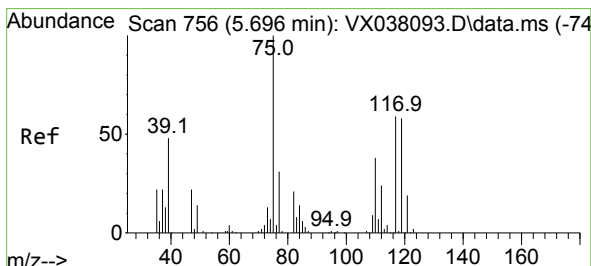
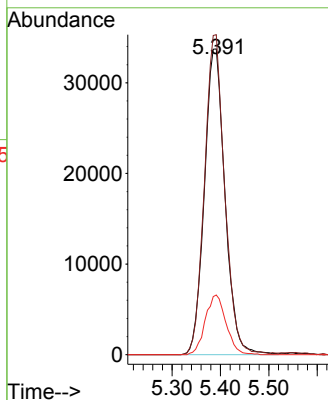
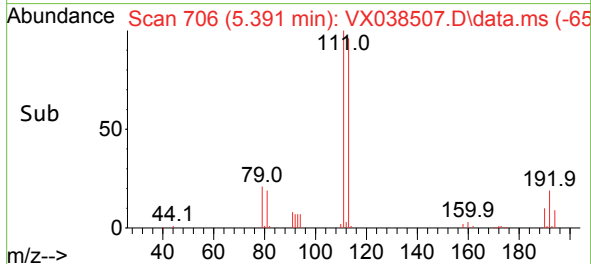


#35
Dibromofluoromethane
Concen: 45.510 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038507.D
Acq: 26 Oct 2023 08:39

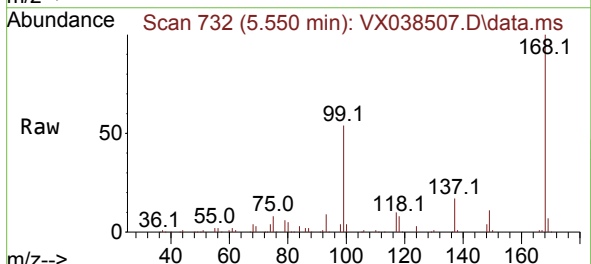
Instrument :
MSVOA_X
ClientSampleId :



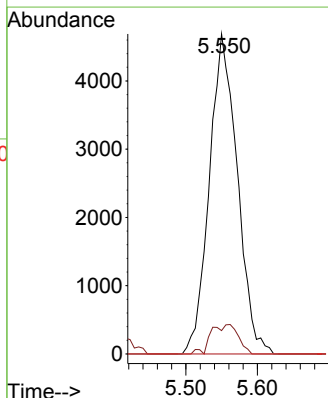
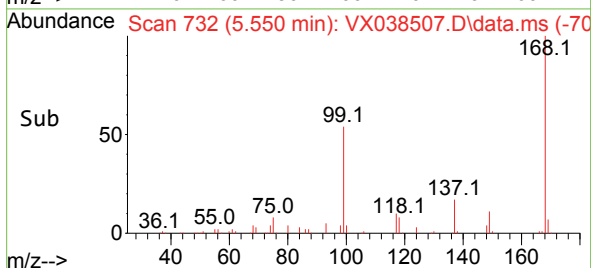
Tgt Ion:113 Resp: 99908
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 19.7 13.3 19.9

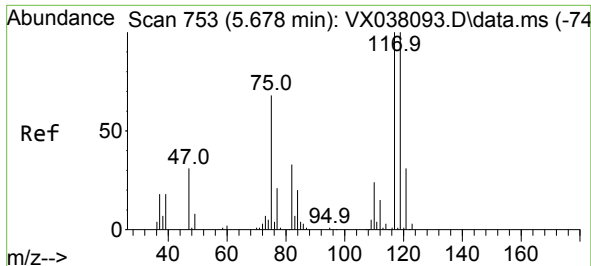


#36
1,1-Dichloropropene
Concen: 4.206 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038507.D
Acq: 26 Oct 2023 08:39



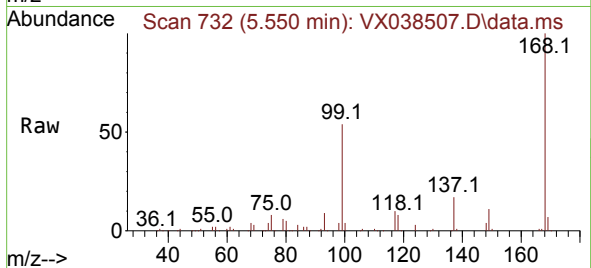
Tgt Ion: 75 Resp: 12734
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



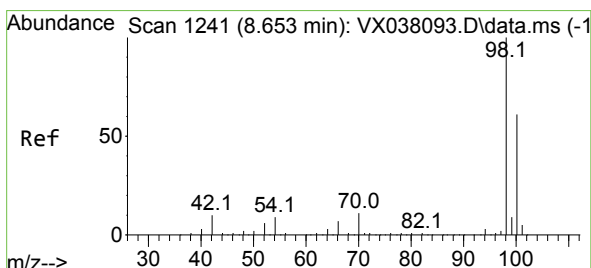
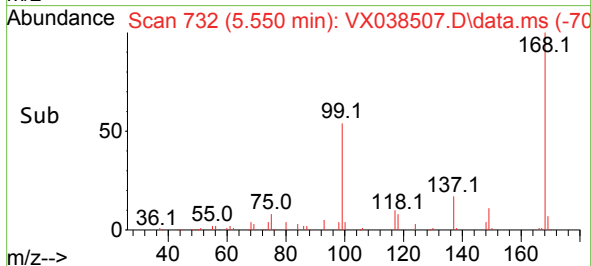
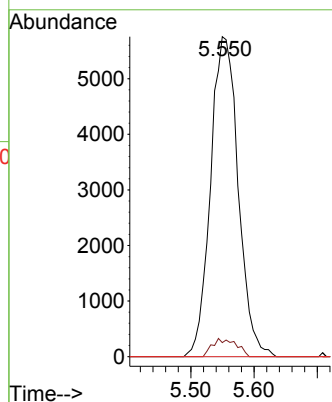


#38
Carbon Tetrachloride
Concen: 5.866 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038507.D
Acq: 26 Oct 2023 08:39

Instrument :
MSVOA_X
ClientSampleId :

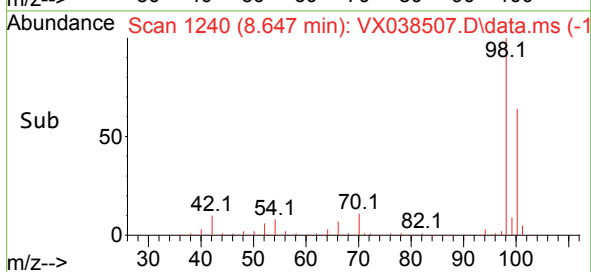
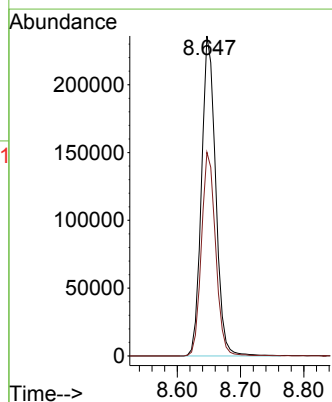
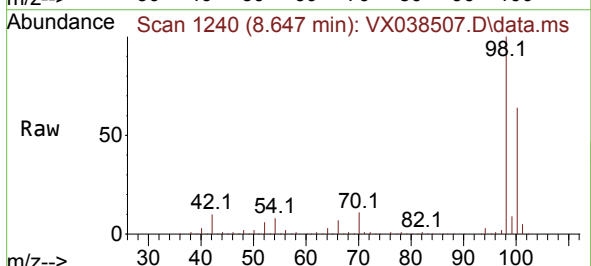


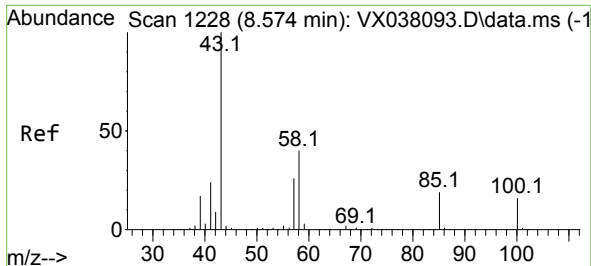
Tgt Ion:117 Resp: 17470
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 43.887 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038507.D
Acq: 26 Oct 2023 08:39

Tgt Ion: 98 Resp: 368161
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

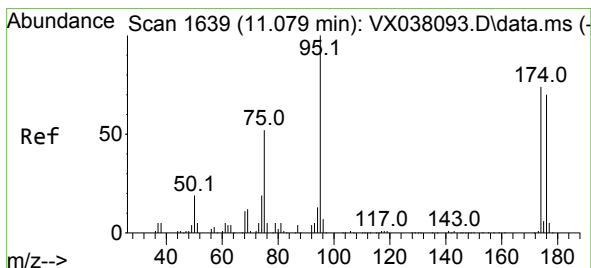
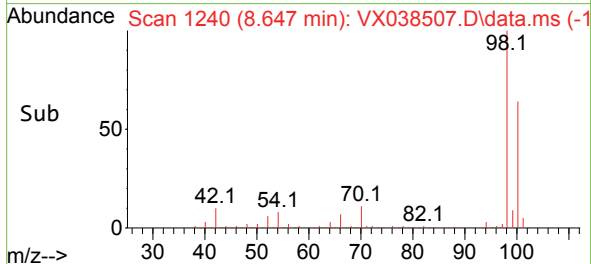
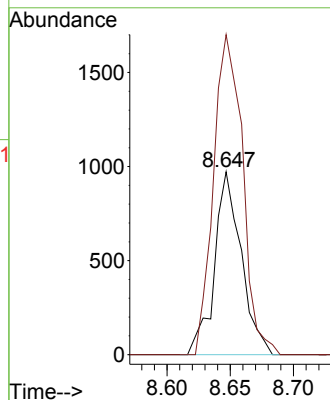
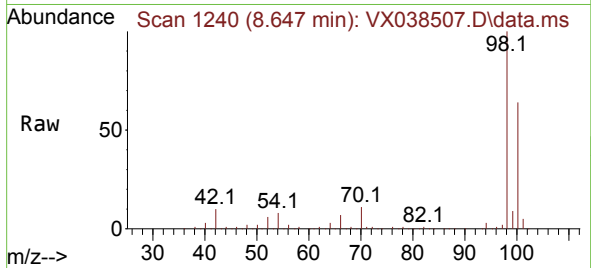




#51
4-Methyl-2-Pentanone
Concen: 0.385 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038507.D
Acq: 26 Oct 2023 08:39

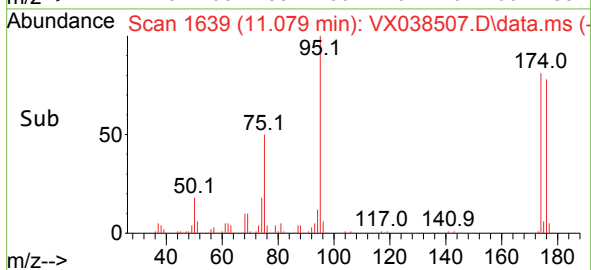
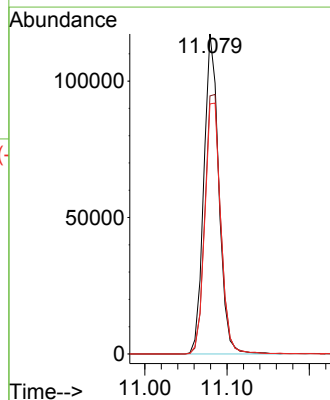
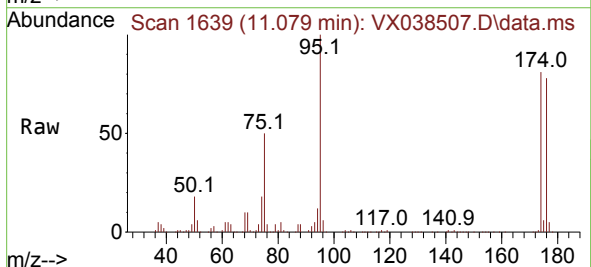
Instrument :
MSVOA_X
ClientSampleId :

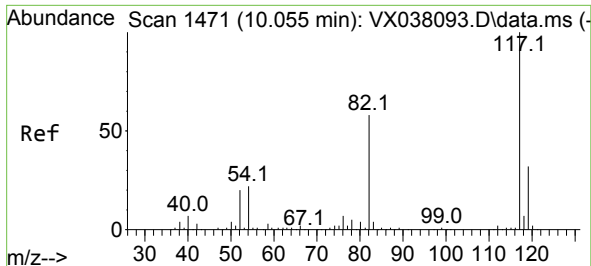
Tgt Ion: 43 Resp: 1427
Ion Ratio Lower Upper
43 100
58 190.7 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 46.566 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038507.D
Acq: 26 Oct 2023 08:39

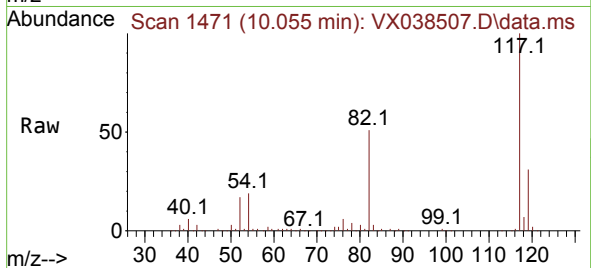
Tgt Ion: 95 Resp: 148095
Ion Ratio Lower Upper
95 100
174 85.7 0.0 135.6
176 83.5 0.0 131.0



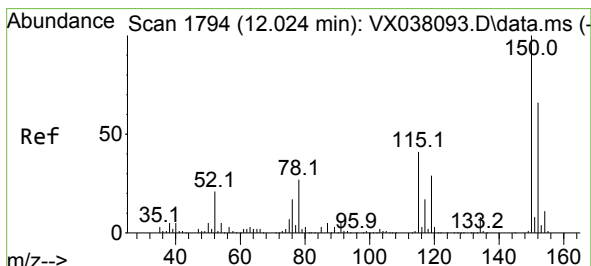
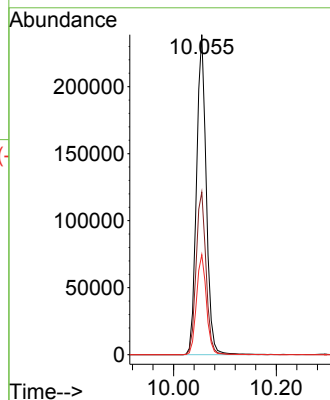
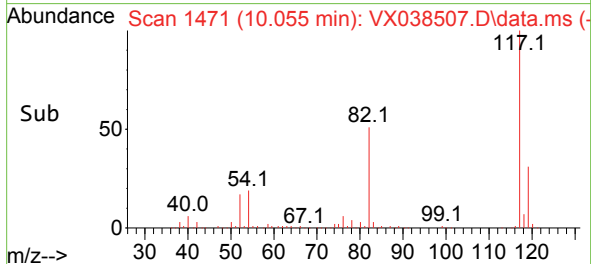


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038507.D
Acq: 26 Oct 2023 08:39

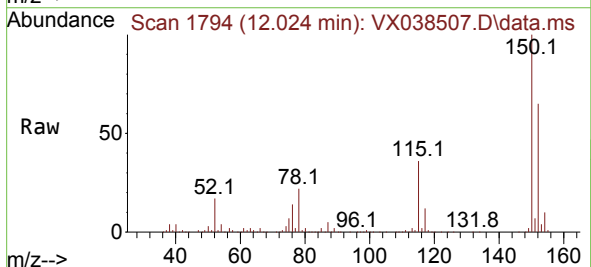
Instrument :
MSVOA_X
ClientSampleId :



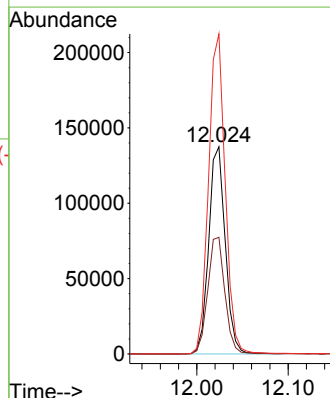
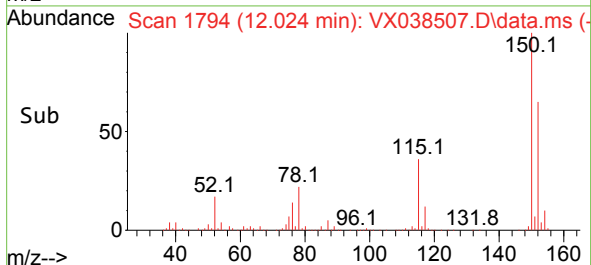
Tgt Ion:117 Resp: 314753
Ion Ratio Lower Upper
117 100
82 50.8 46.2 69.4
119 31.3 25.5 38.3

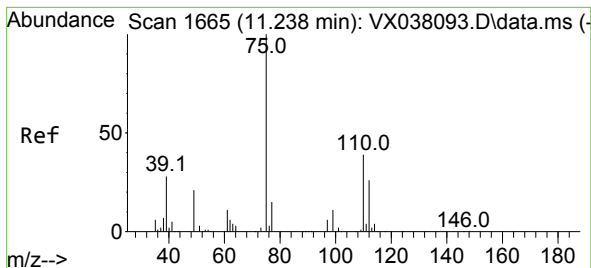


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038507.D
Acq: 26 Oct 2023 08:39



Tgt Ion:152 Resp: 172941
Ion Ratio Lower Upper
152 100
115 58.4 43.3 129.9
150 155.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 19.125 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038507.D

Acq: 26 Oct 2023 08:39

Instrument :

MSVOA_X

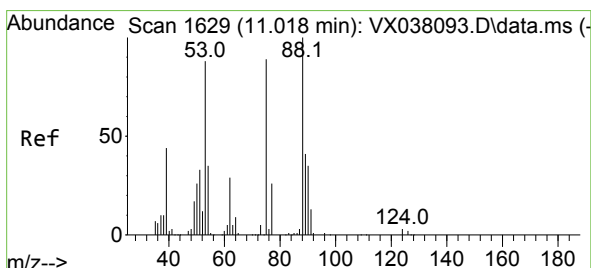
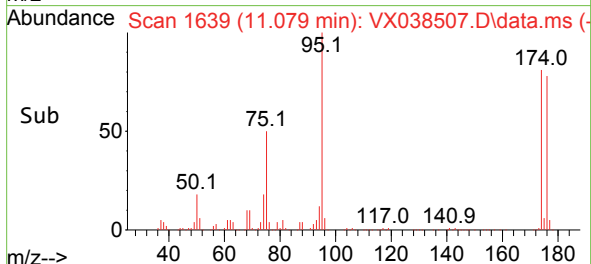
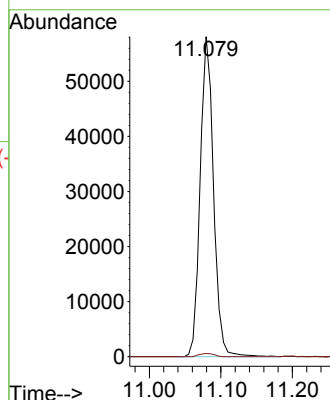
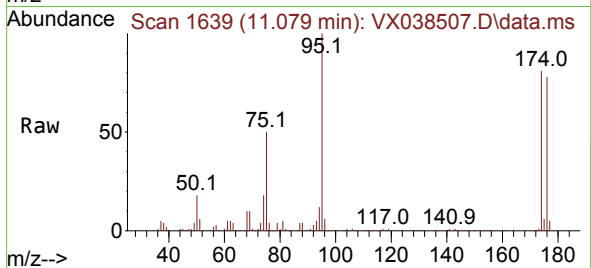
ClientSampleId :

Tgt Ion: 75 Resp: 75192

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 55.373 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038507.D

Acq: 26 Oct 2023 08:39

Tgt Ion: 75 Resp: 75192

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

