

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102723\
 Data File : VX038598.D
 Acq On : 27 Oct 2023 13:30
 Operator : JC/MD
 Sample : 05063-01 2000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 30 01:29:38 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)

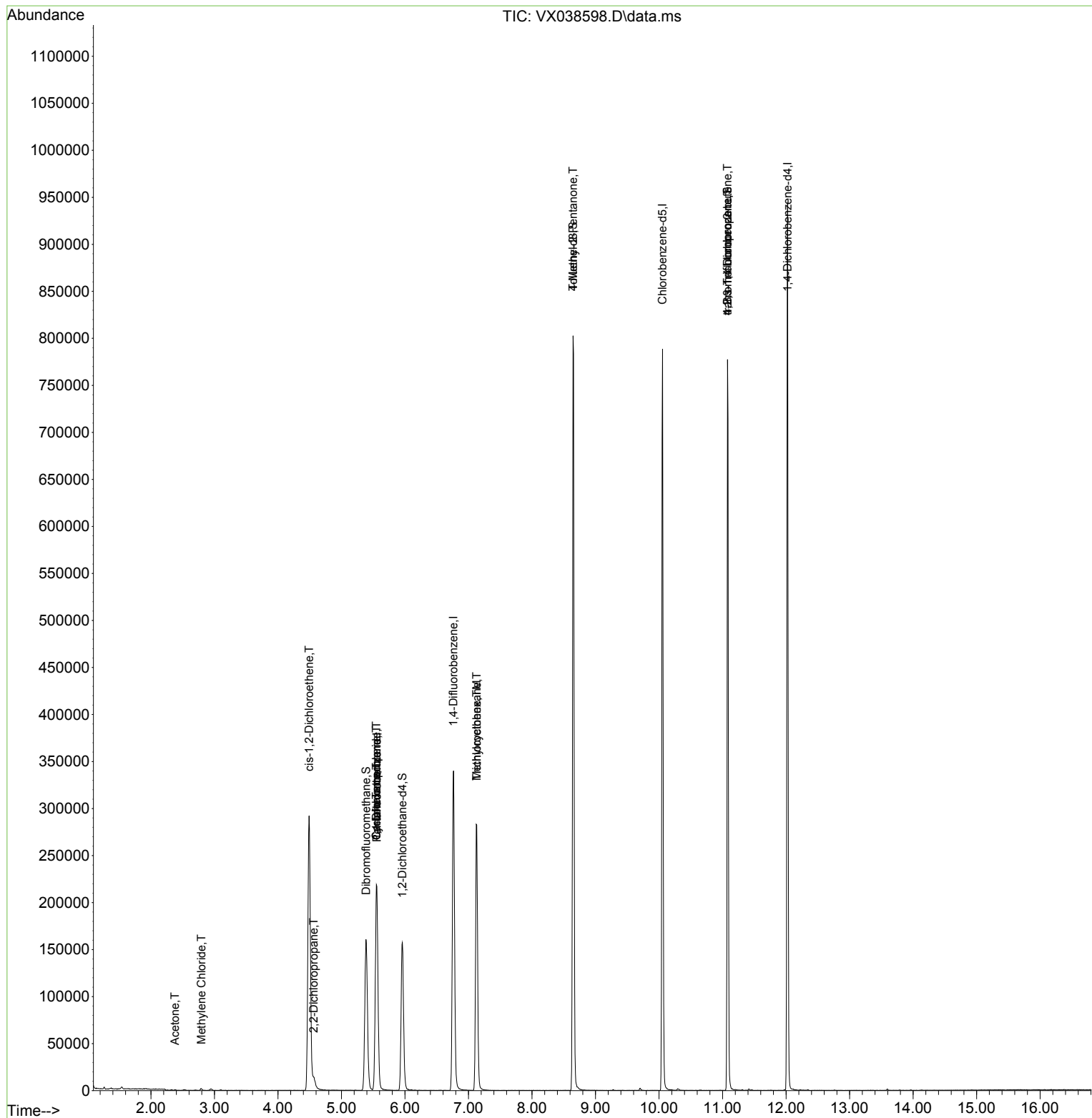
Internal Standards						
1) Pentafluorobenzene	5.556	168	221084	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	366781	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	374894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	206947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156241	43.937	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.880%
35) Dibromofluoromethane	5.385	113	140908	53.316	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.640%
50) Toluene-d8	8.647	98	513288	50.825	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.640%
62) 4-Bromofluorobenzene	11.079	95	208391	54.429	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.860%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	79	Below Cal	#	3
6) Chloroethane	1.709	64	357	Below Cal	#	43
11) Tert butyl alcohol	2.941	59	1026	Below Cal	#	78
16) Acetone	2.380	43	714	0.481	ug/l	92
20) Methylene Chloride	2.794	84	992	0.355	ug/l	# 79
26) 2,2-Dichloropropane	4.562	77	1066	0.297	ug/l	# 54
27) cis-1,2-Dichloroethene	4.489	96	198551	66.567	ug/l	77
31) Cyclohexane	5.550	56	4408	1.144	ug/l	# 24
36) 1,1-Dichloropropene	5.550	75	15977	4.384	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	21584	6.020	ug/l	# 15
39) Methylcyclohexane	7.129	83	1356	0.318	ug/l	# 1
44) Trichloroethene	7.129	130	115432	43.296	ug/l	88
51) 4-Methyl-2-Pentanone	8.647	43	1992	0.447	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	104949	22.307	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	104949	63.915	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
ClientSampleId :

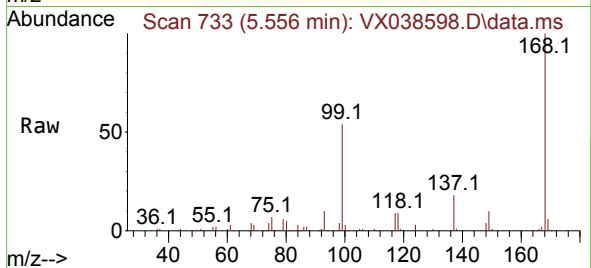
Quant Time: Oct 30 01:29:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



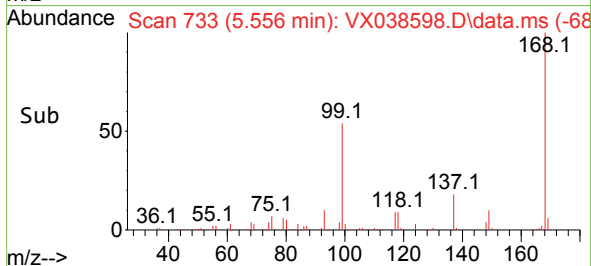
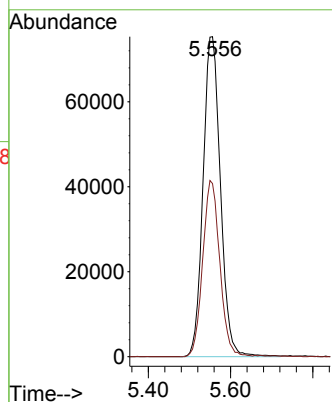


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038598.D
Acq: 27 Oct 2023 13:30

Instrument :
MSVOA_X
ClientSampleId :

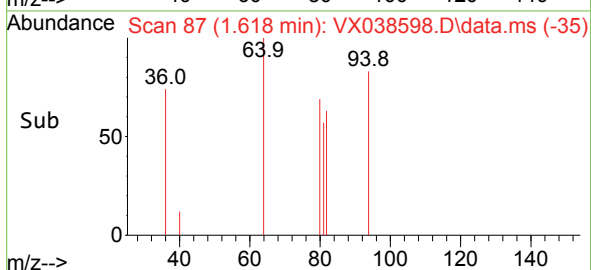
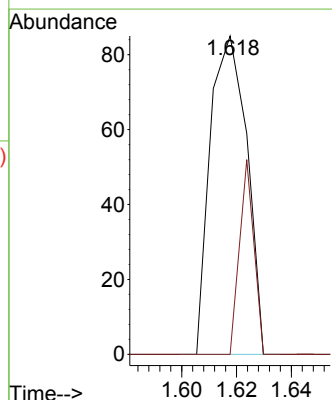
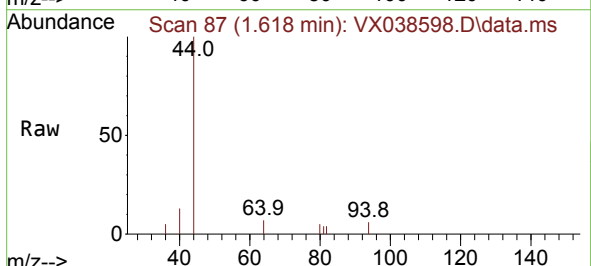


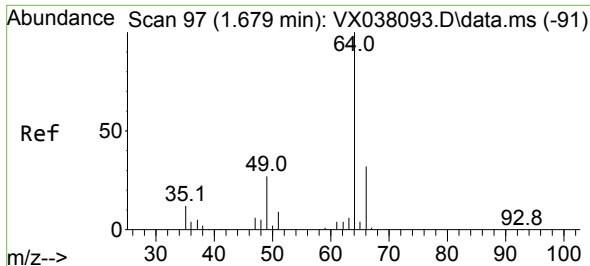
Tgt Ion:168 Resp: 221084
Ion Ratio Lower Upper
168 100
99 54.1 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX038598.D
Acq: 27 Oct 2023 13:30

Tgt Ion: 94 Resp: 79
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

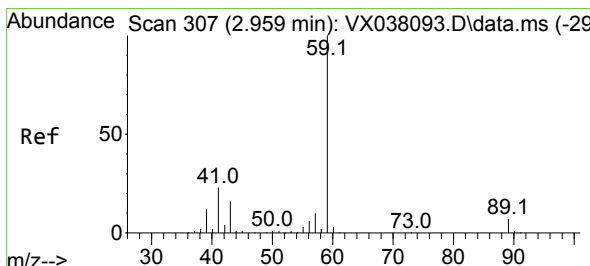
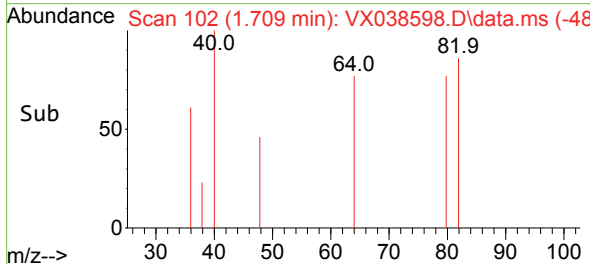
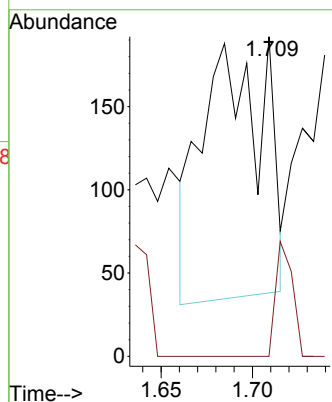
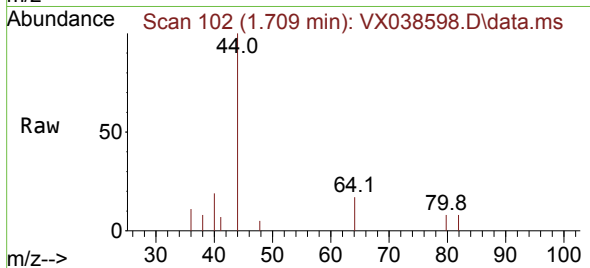




#6
Chloroethane
Concen: Below Cal
RT: 1.709 min Scan# 102
Delta R.T. 0.030 min
Lab File: VX038598.D
Acq: 27 Oct 2023 13:30

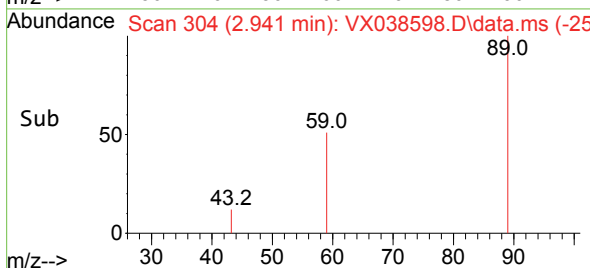
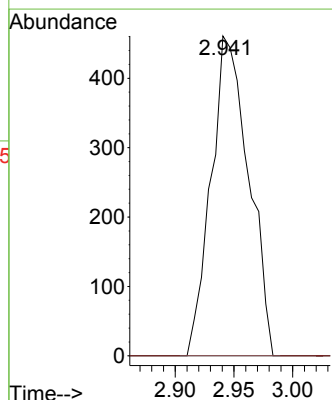
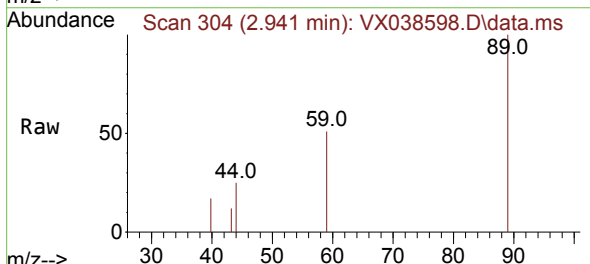
Instrument :
MSVOA_X
ClientSampleId :

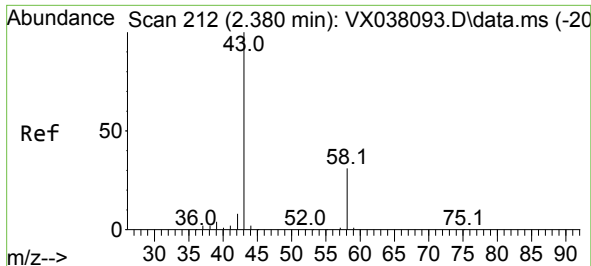
Tgt Ion: 64 Resp: 357
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX038598.D
Acq: 27 Oct 2023 13:30

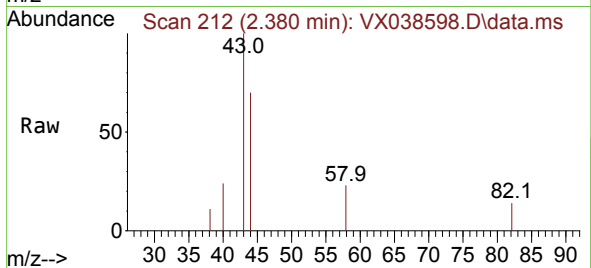
Tgt Ion: 59 Resp: 1026
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



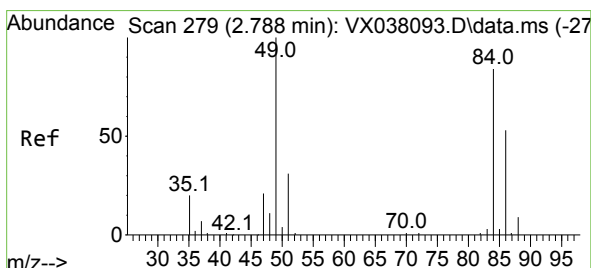
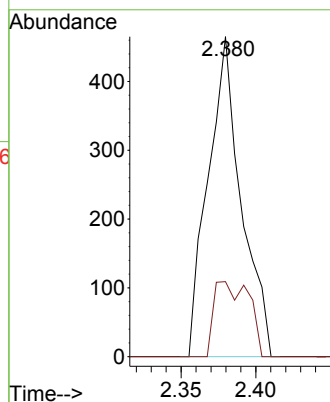
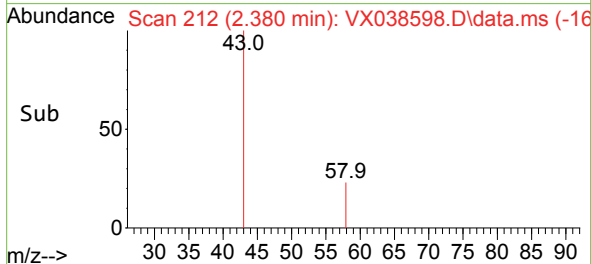


#16
Acetone
Concen: 0.481 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038598.D
Acq: 27 Oct 2023 13:30

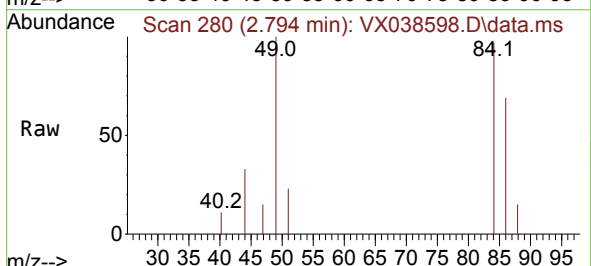
Instrument :
MSVOA_X
ClientSampleId :



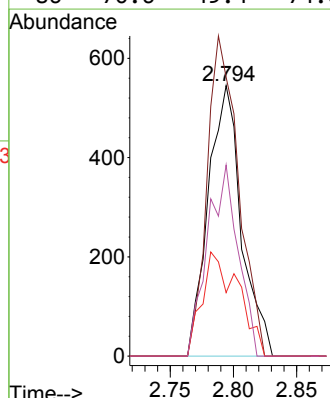
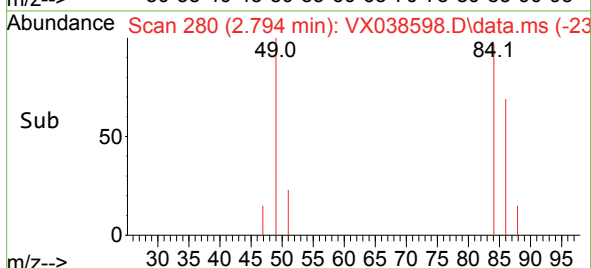
Tgt Ion: 43 Resp: 714
Ion Ratio Lower Upper
43 100
58 23.4 21.9 32.9

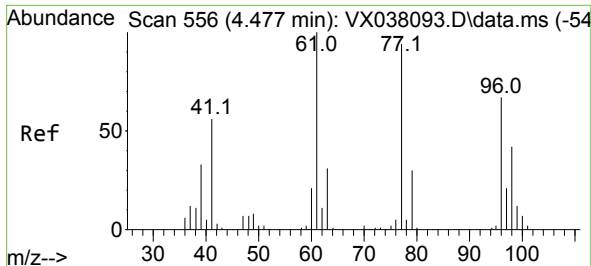


#20
Methylene Chloride
Concen: 0.355 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038598.D
Acq: 27 Oct 2023 13:30



Tgt Ion: 84 Resp: 992
Ion Ratio Lower Upper
84 100
49 103.1 103.6 155.4#
51 23.5 33.8 50.6#
86 70.6 49.4 74.0

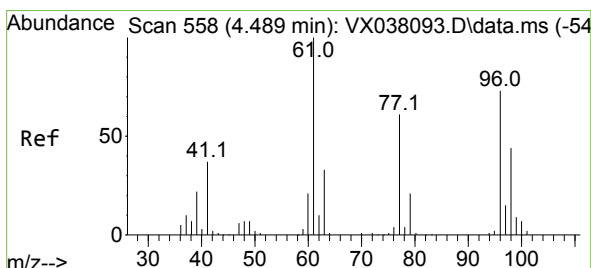
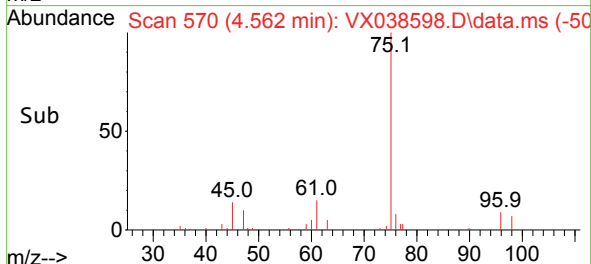
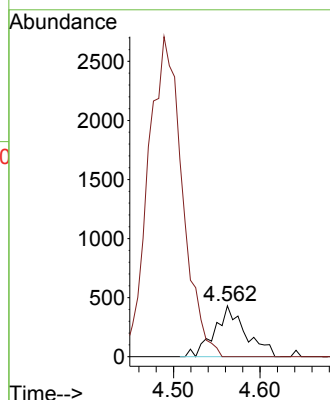
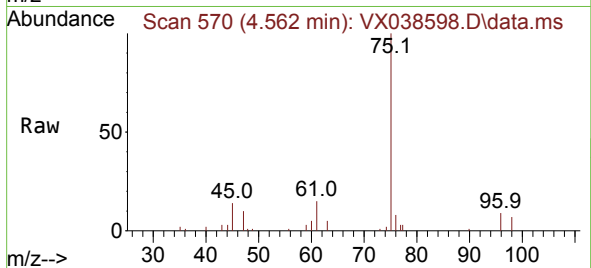




#26
2,2-Dichloropropane
Concen: 0.297 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.085 min
Lab File: VX038598.D
Acq: 27 Oct 2023 13:30

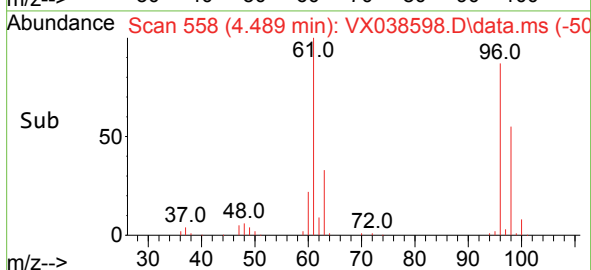
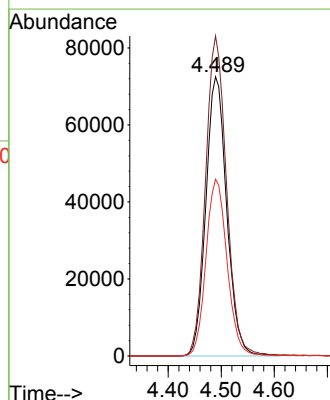
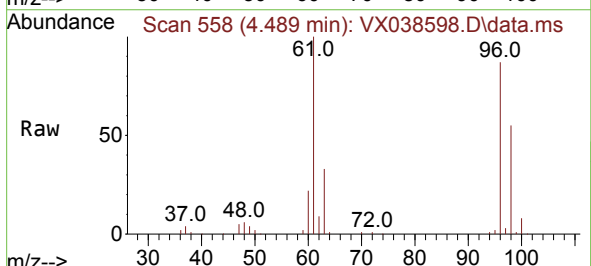
Instrument :
MSVOA_X
ClientSampleId :

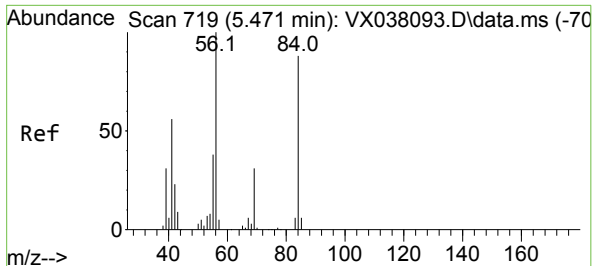
Tgt Ion: 77 Resp: 1066
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#27
cis-1,2-Dichloroethene
Concen: 66.567 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX038598.D
Acq: 27 Oct 2023 13:30

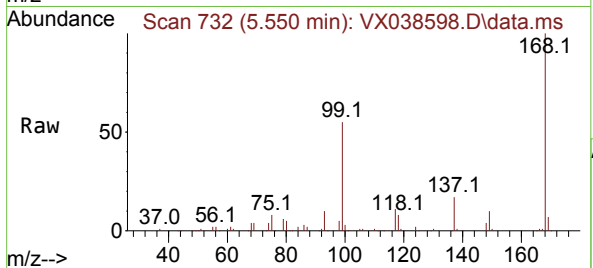
Tgt Ion: 96 Resp: 198551
Ion Ratio Lower Upper
96 100
61 115.0 0.0 312.2
98 64.0 0.0 129.0



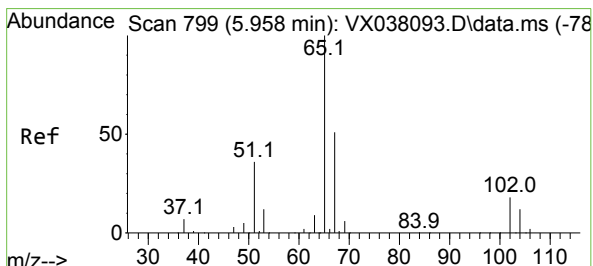
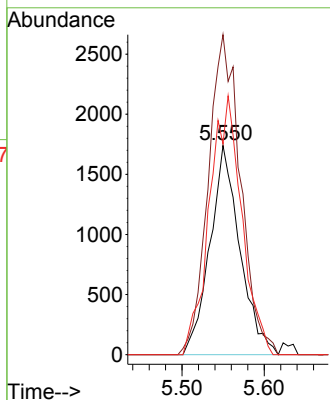
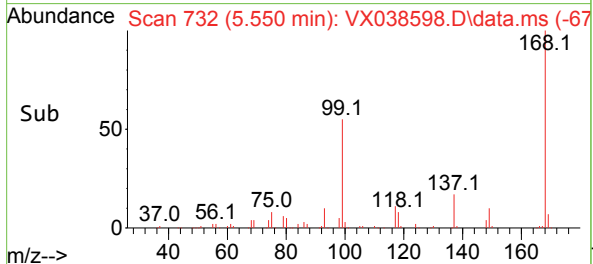


#31
Cyclohexane
Concen: 1.144 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038598.D
Acq: 27 Oct 2023 13:30

Instrument :
MSVOA_X
ClientSampleId :

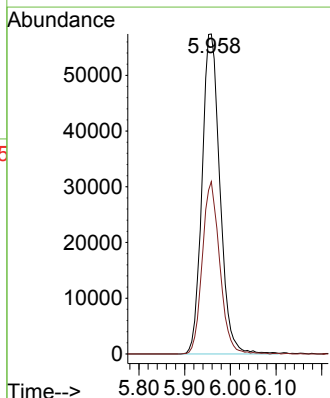
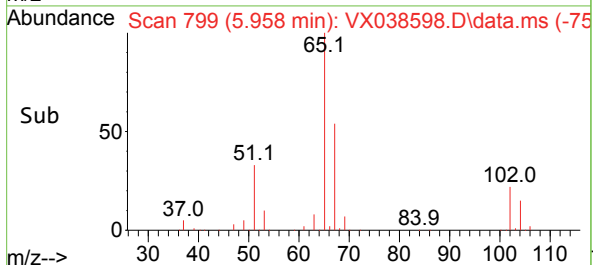
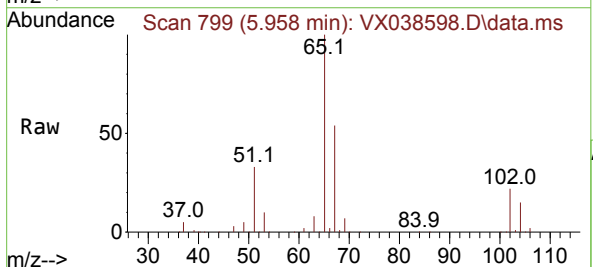


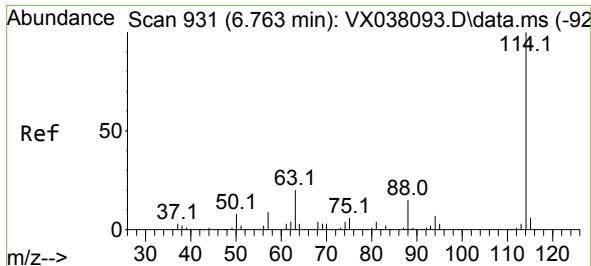
Tgt Ion: 56 Resp: 4408
Ion Ratio Lower Upper
56 100
69 152.9 23.4 35.2#
84 100.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.937 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038598.D
Acq: 27 Oct 2023 13:30

Tgt Ion: 65 Resp: 156241
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.2

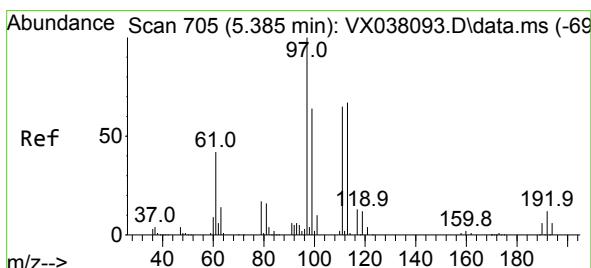
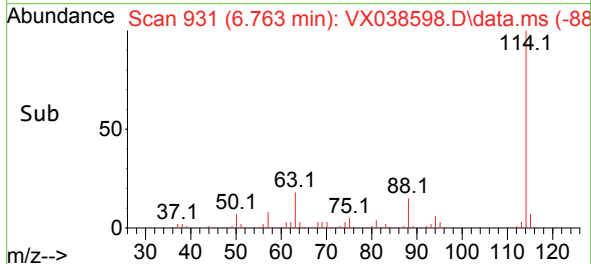
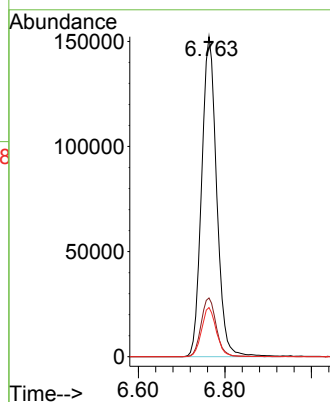
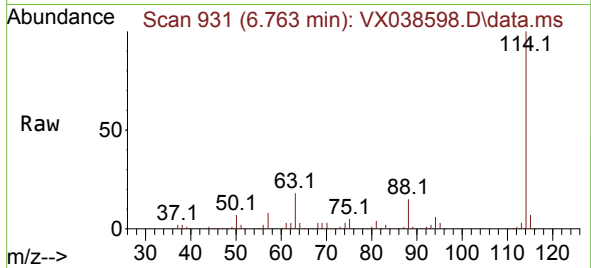




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038598.D
Acq: 27 Oct 2023 13:30

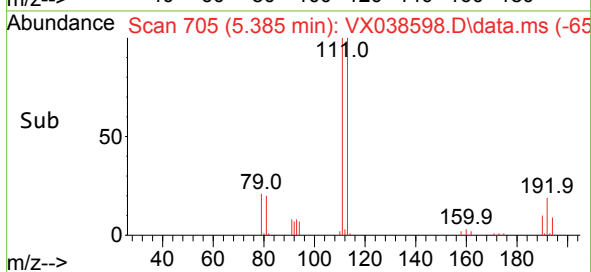
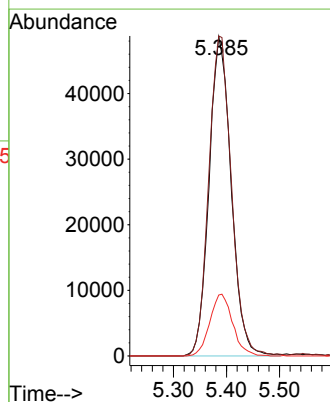
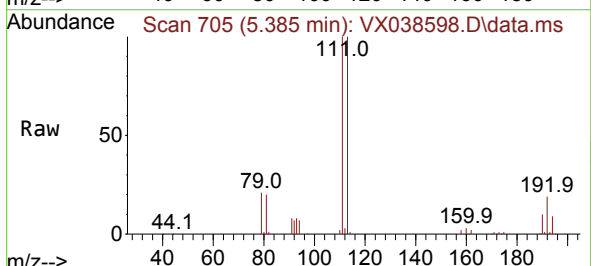
Instrument :
MSVOA_X
ClientSampleId :

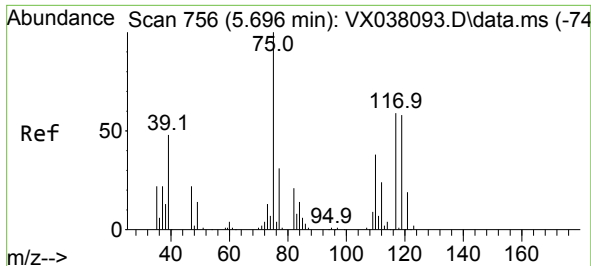
Tgt Ion:114 Resp: 366781
Ion Ratio Lower Upper
114 100
63 18.4 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 53.316 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038598.D
Acq: 27 Oct 2023 13:30

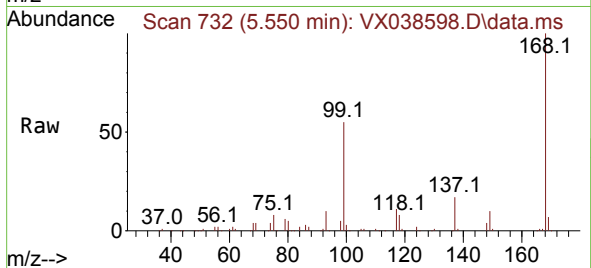
Tgt Ion:113 Resp: 140908
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 20.0 13.3 19.9#



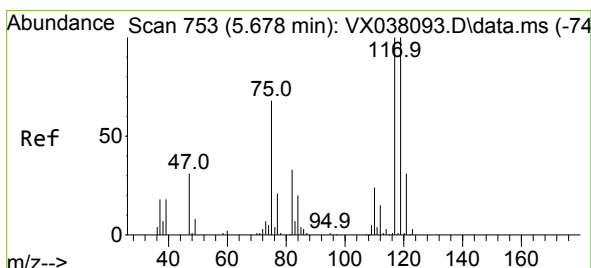
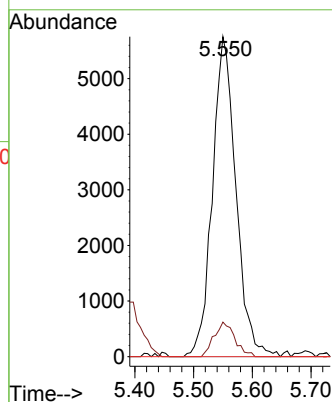
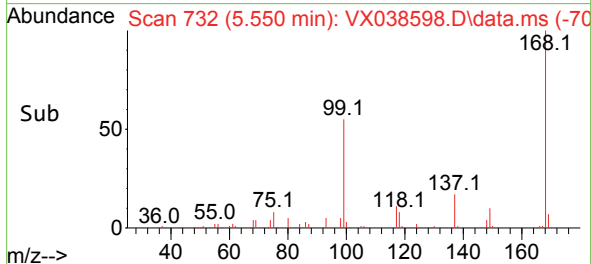


#36
1,1-Dichloropropene
Concen: 4.384 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX038598.D
Acq: 27 Oct 2023 13:30

Instrument :
MSVOA_X
ClientSampleId :

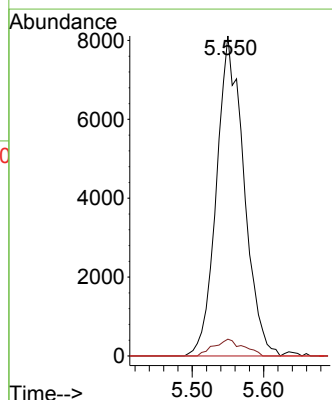
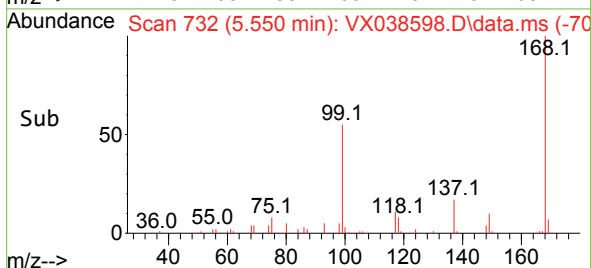
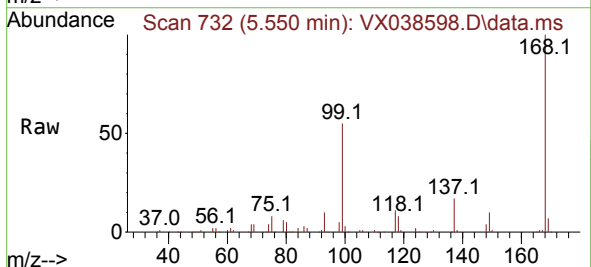


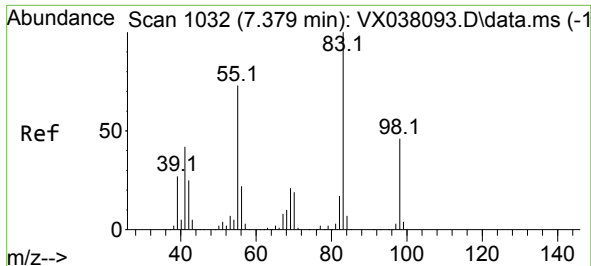
Tgt Ion: 75 Resp: 15977
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.020 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038598.D
Acq: 27 Oct 2023 13:30

Tgt Ion: 117 Resp: 21584
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#

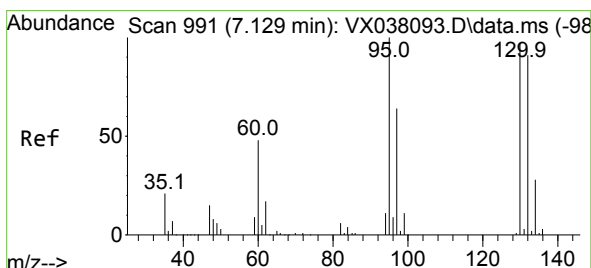
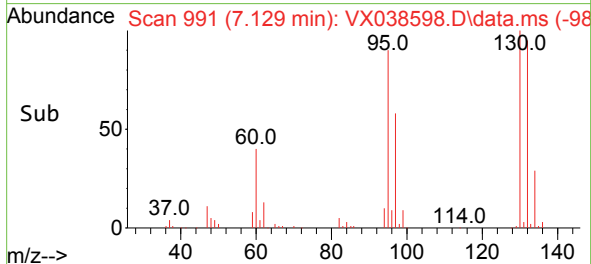
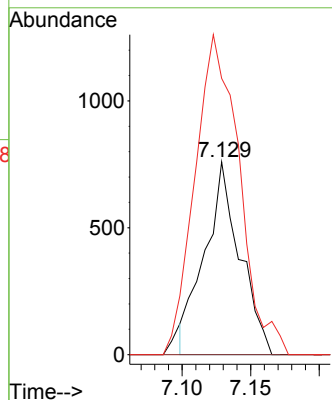
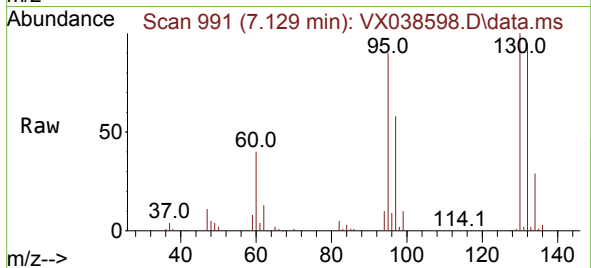




#39
Methylcyclohexane
Concen: 0.318 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX038598.D
Acq: 27 Oct 2023 13:30

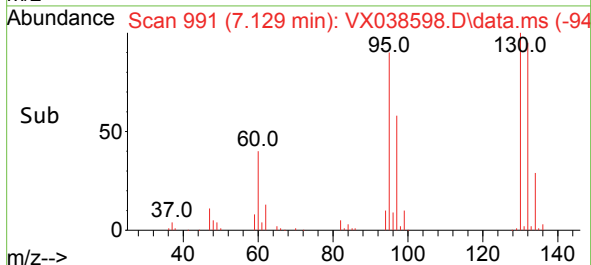
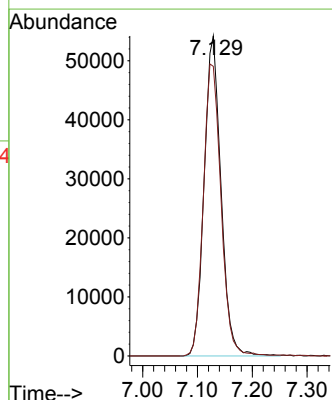
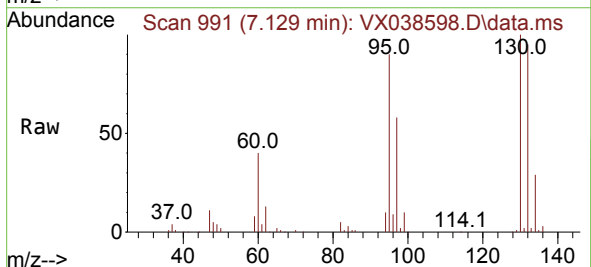
Instrument :
MSVOA_X
ClientSampleId :

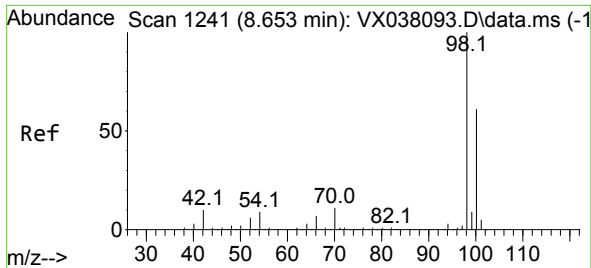
Tgt Ion: 83 Resp: 1356
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 133.6 36.7 55.1#



#44
Trichloroethene
Concen: 43.296 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038598.D
Acq: 27 Oct 2023 13:30

Tgt Ion:130 Resp: 115432
Ion Ratio Lower Upper
130 100
95 90.5 0.0 204.4

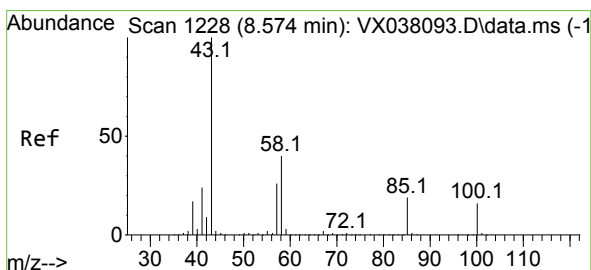
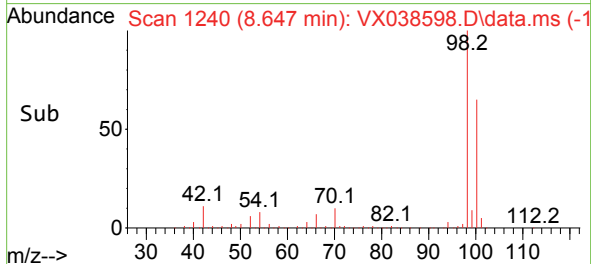
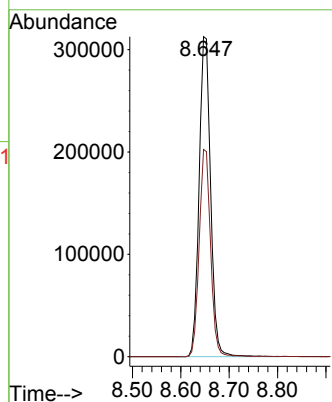
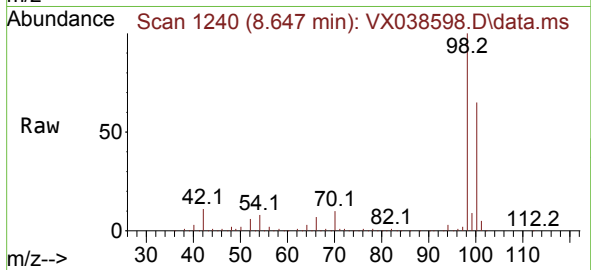




#50
Toluene-d8
Concen: 50.825 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038598.D
Acq: 27 Oct 2023 13:30

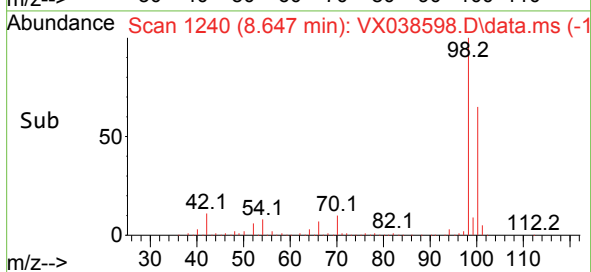
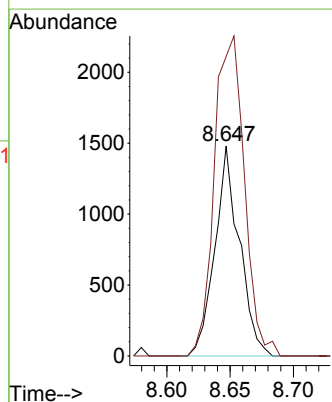
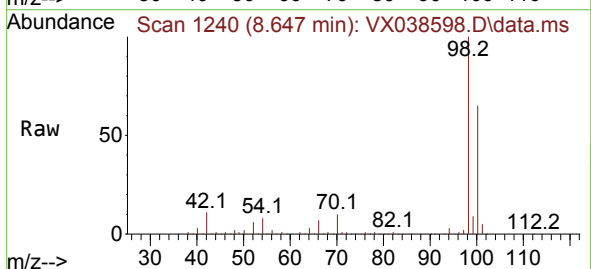
Instrument :
MSVOA_X
ClientSampleId :

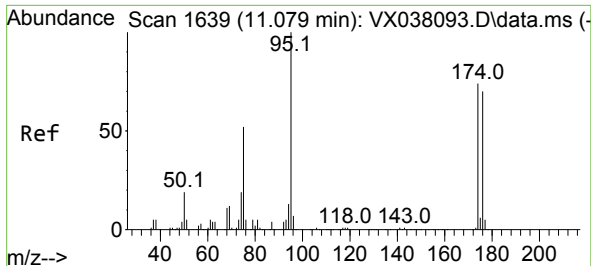
Tgt Ion: 98 Resp: 513288
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.447 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038598.D
Acq: 27 Oct 2023 13:30

Tgt Ion: 43 Resp: 1992
Ion Ratio Lower Upper
43 100
58 187.0 30.4 45.6#

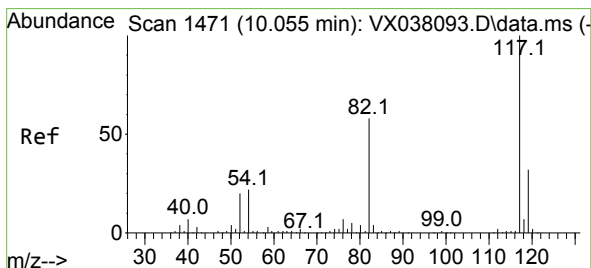
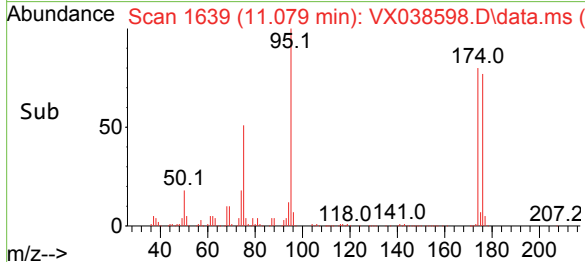
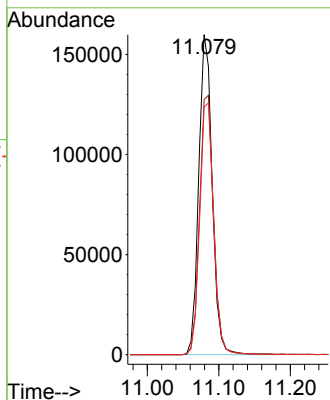
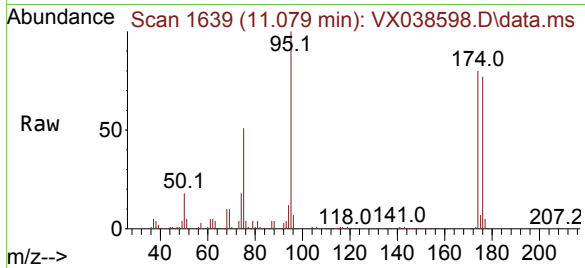




#62
4-Bromofluorobenzene
Concen: 54.429 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038598.D
Acq: 27 Oct 2023 13:30

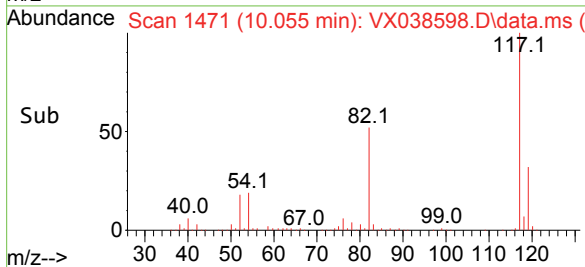
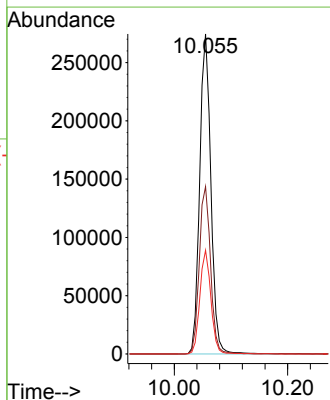
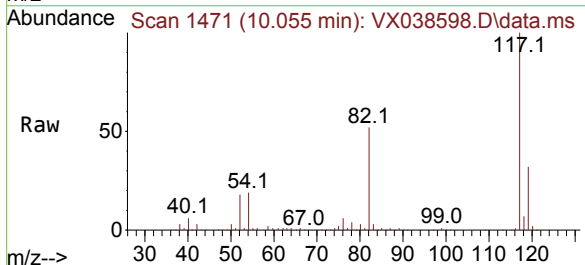
Instrument :
MSVOA_X
ClientSampleId :

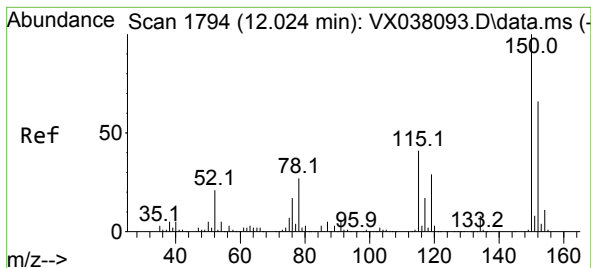
Tgt Ion: 95 Resp: 208391
Ion Ratio Lower Upper
95 100
174 84.8 0.0 135.6
176 81.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038598.D
Acq: 27 Oct 2023 13:30

Tgt Ion: 117 Resp: 374894
Ion Ratio Lower Upper
117 100
82 52.3 46.2 69.4
119 32.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038598.D

Acq: 27 Oct 2023 13:30

Instrument :

MSVOA_X

ClientSampleId :

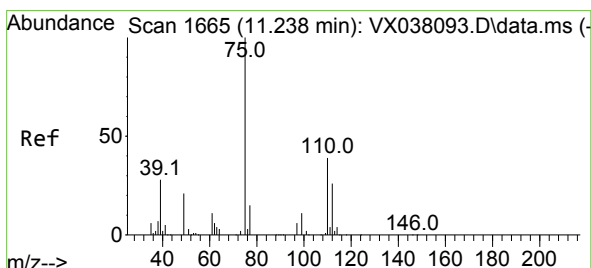
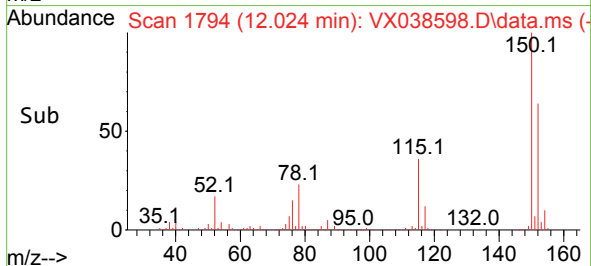
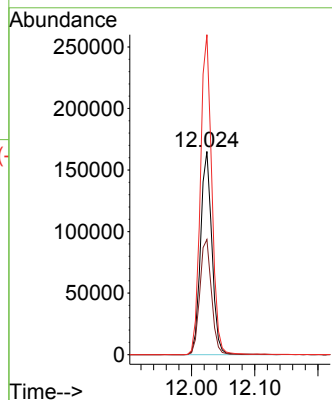
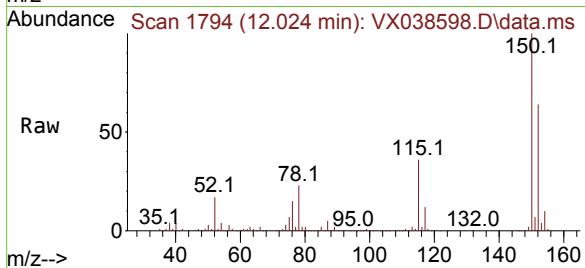
Tgt Ion:152 Resp: 206947

Ion Ratio Lower Upper

152 100

115 58.3 43.3 129.9

150 157.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.307 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038598.D

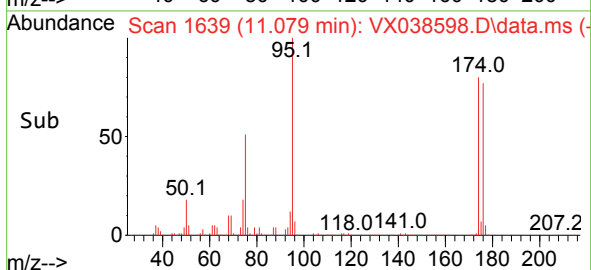
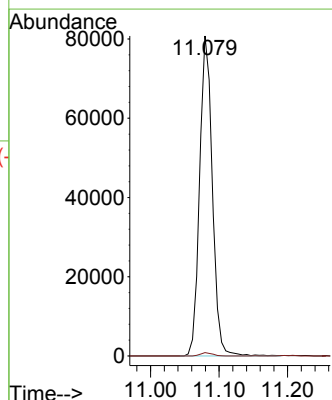
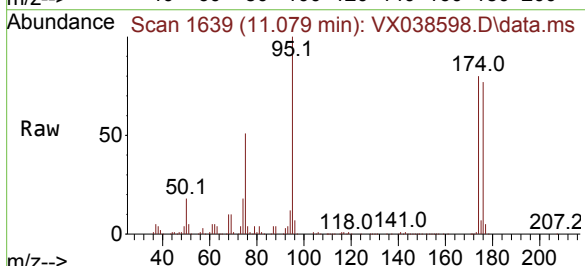
Acq: 27 Oct 2023 13:30

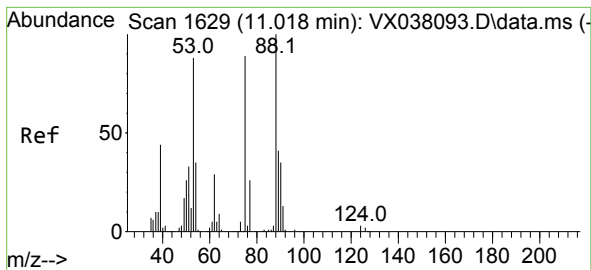
Tgt Ion: 75 Resp: 104949

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.915 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX038598.D
 Acq: 27 Oct 2023 13:30

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 104949
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

