

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102623\
 Data File : VX038528.D
 Acq On : 26 Oct 2023 19:15
 Operator : JC/MD
 Sample : 05063-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 27 05:21:58 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)

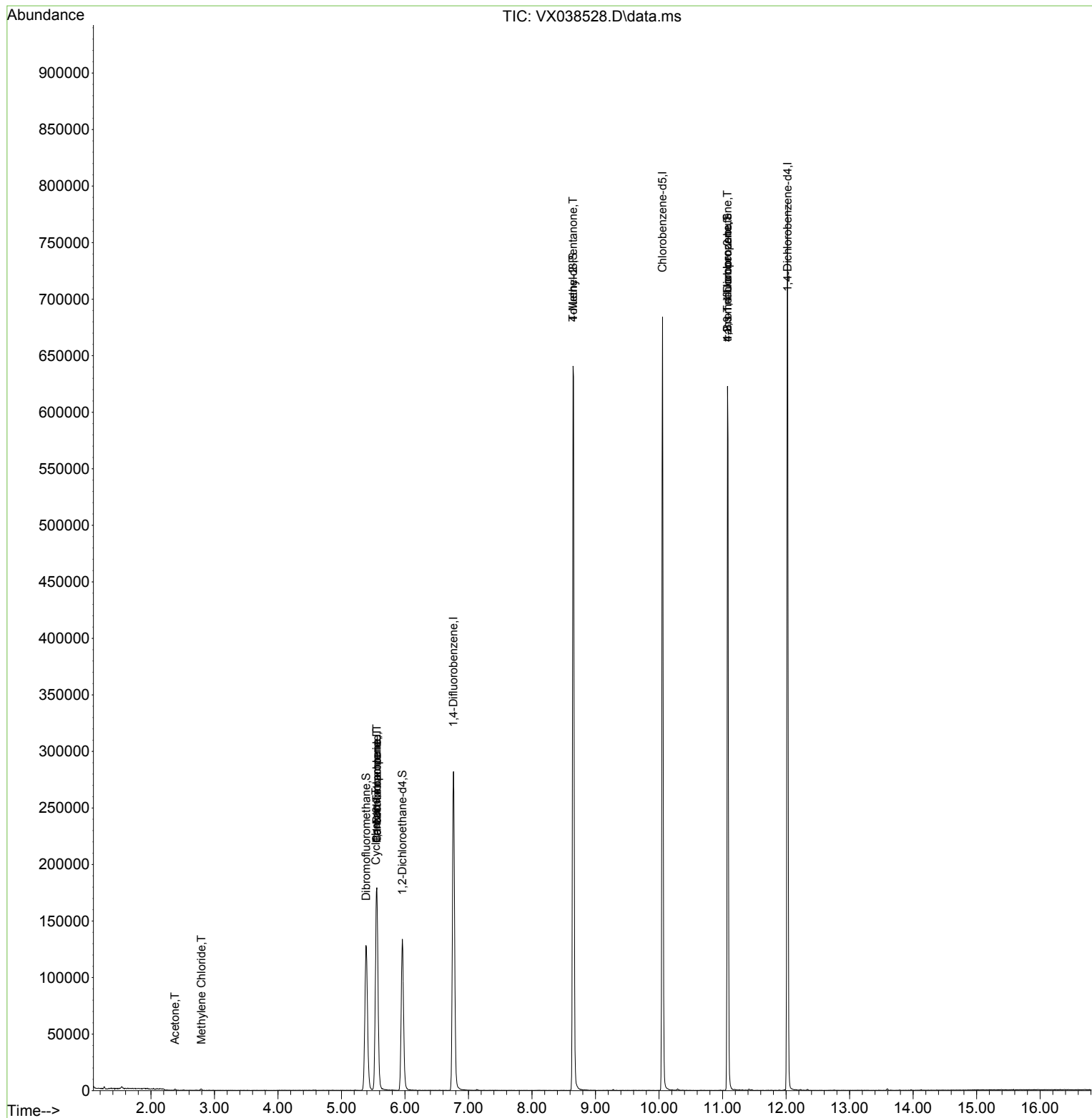
Internal Standards						
1) Pentafluorobenzene	5.556	168	181050	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	304935	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	125676	43.157	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	86.320%	
35) Dibromofluoromethane	5.385	113	111178	50.599	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	101.200%	
50) Toluene-d8	8.647	98	408639	48.669	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.340%	
62) 4-Bromofluorobenzene	11.079	95	161667	50.789	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	101.580%	
Target Compounds						
						Qvalue
5) Bromomethane	1.611	94	46	Below Cal	#	3
6) Chloroethane	1.672	64	49	Below Cal	#	43
11) Tert butyl alcohol	2.971	59	52	Below Cal	#	78
16) Acetone	2.379	43	928	0.764	ug/l #	79
20) Methylene Chloride	2.794	84	552	0.241	ug/l #	70
31) Cyclohexane	5.544	56	3543	1.123	ug/l #	18
36) 1,1-Dichloropropene	5.556	75	12866	4.246	ug/l #	50
38) Carbon Tetrachloride	5.556	117	17709	5.941	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1602	0.432	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	82735	20.971	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	82735	60.329	ug/l #	5

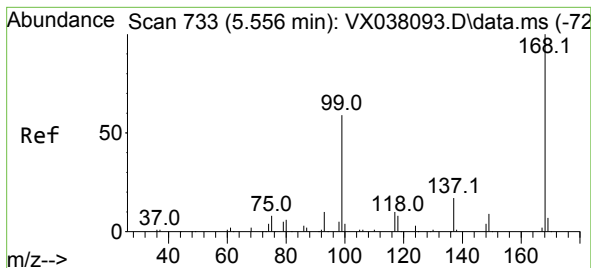
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102623\
Data File : VX038528.D
Acq On : 26 Oct 2023 19:15
Operator : JC/MD
Sample : 05063-19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 27 05:21:58 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: VX038528.D

Acq: 26 Oct 2023 19:15

Instrument :

MSVOA_X

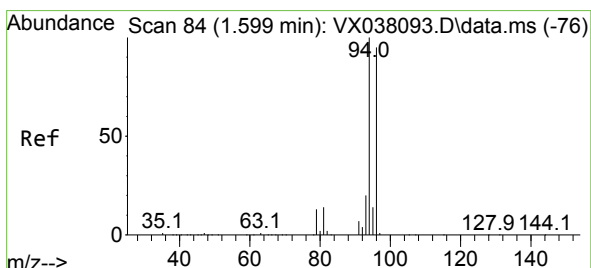
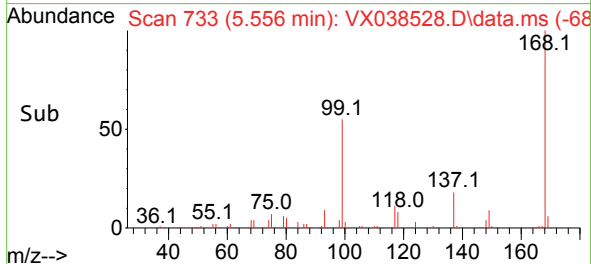
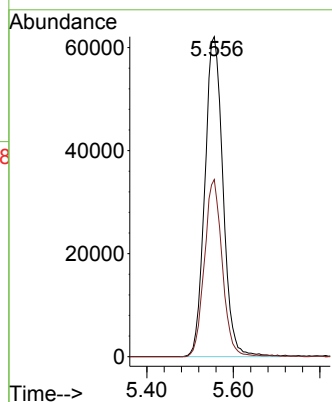
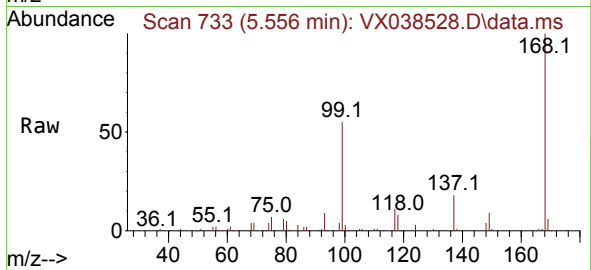
ClientSampleId :

Tgt Ion:168 Resp: 181050

Ion Ratio Lower Upper

168 100

99 55.3 56.6 85.0#



#5

Bromomethane

Concen: Below Cal

RT: 1.611 min Scan# 86

Delta R.T. 0.012 min

Lab File: VX038528.D

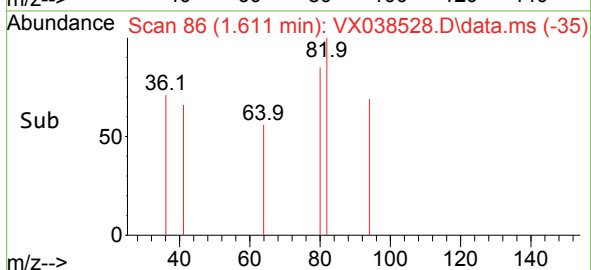
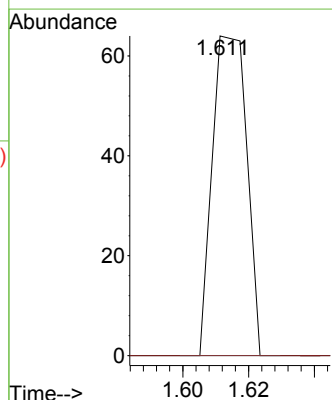
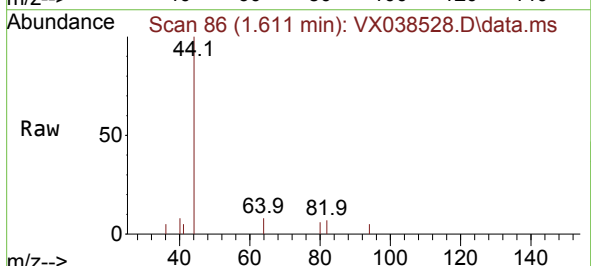
Acq: 26 Oct 2023 19:15

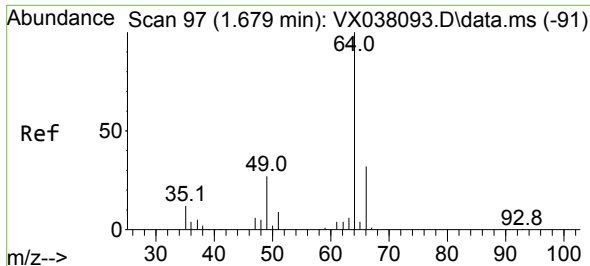
Tgt Ion: 94 Resp: 46

Ion Ratio Lower Upper

94 100

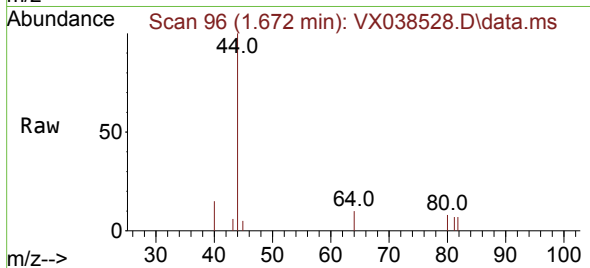
96 0.0 74.6 111.8#



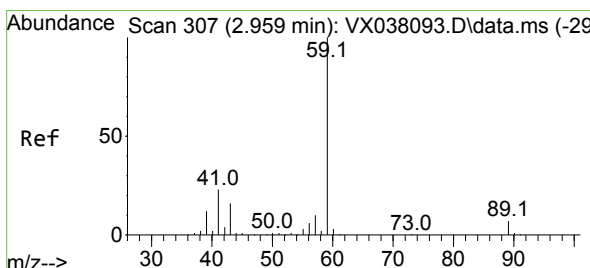
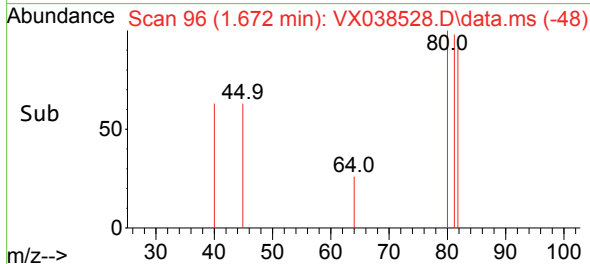
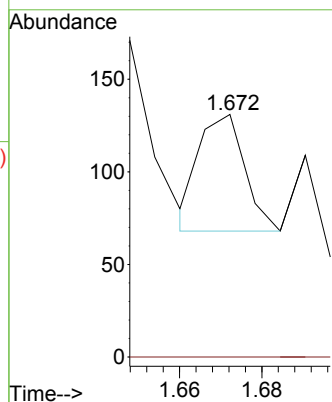


#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 91
Delta R.T. -0.007 min
Lab File: VX038528.D
Acq: 26 Oct 2023 19:15

Instrument :
MSVOA_X
ClientSampleId :

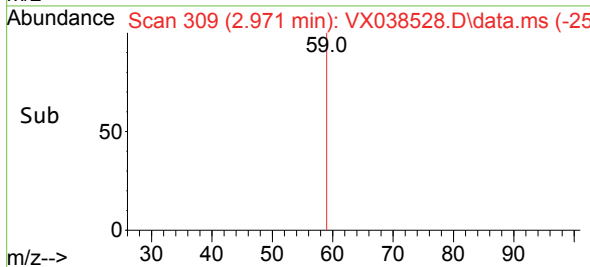
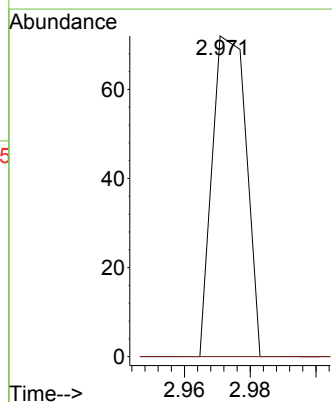
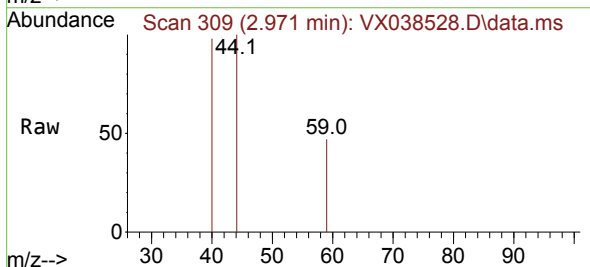


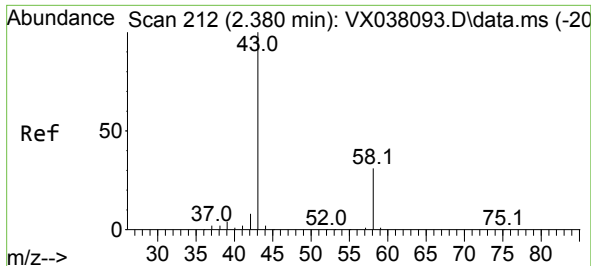
Tgt Ion: 64 Resp: 49
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.971 min Scan# 309
Delta R.T. 0.012 min
Lab File: VX038528.D
Acq: 26 Oct 2023 19:15

Tgt Ion: 59 Resp: 52
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

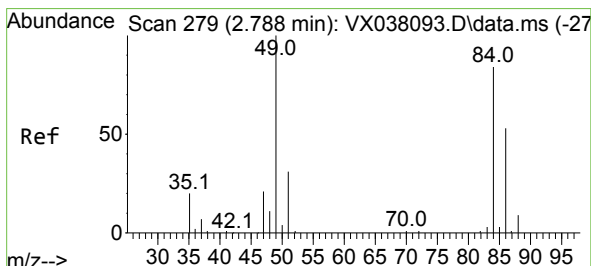
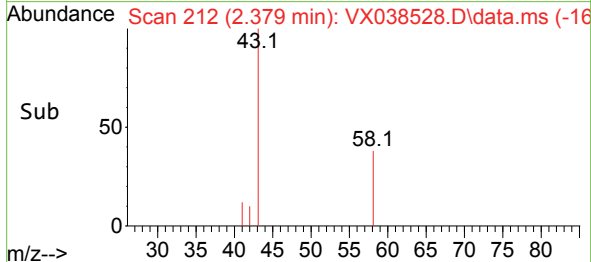
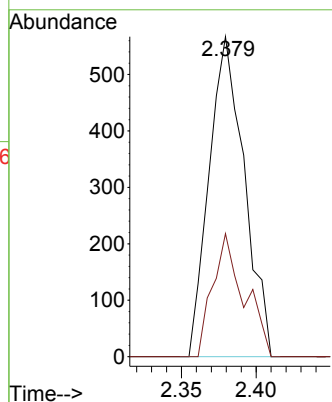
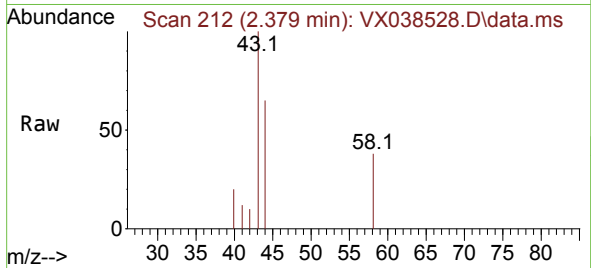




#16
Acetone
Concen: 0.764 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038528.D
Acq: 26 Oct 2023 19:15

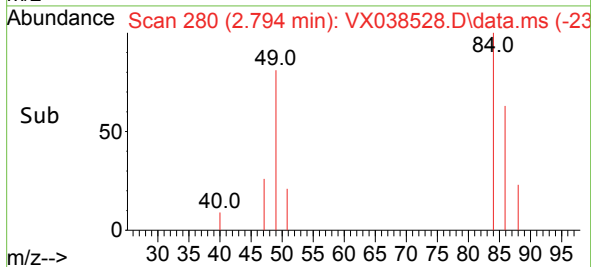
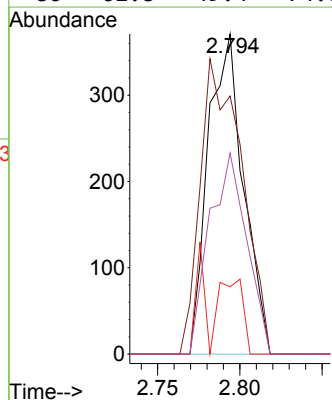
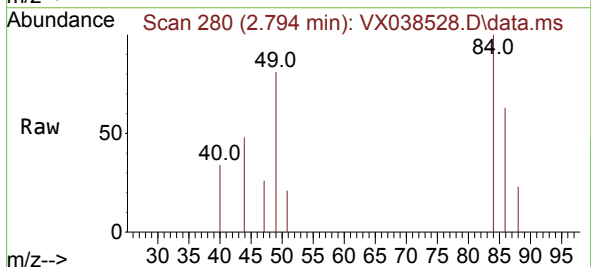
Instrument :
MSVOA_X
ClientSampleId :

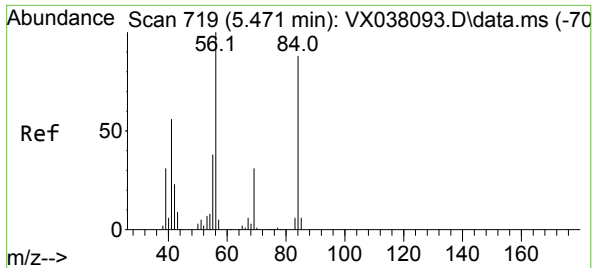
Tgt Ion: 43 Resp: 928
Ion Ratio Lower Upper
43 100
58 38.4 21.9 32.9#



#20
Methylene Chloride
Concen: 0.241 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038528.D
Acq: 26 Oct 2023 19:15

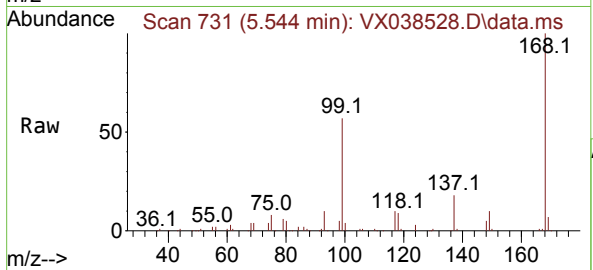
Tgt Ion: 84 Resp: 552
Ion Ratio Lower Upper
84 100
49 80.6 103.6 155.4#
51 21.0 33.8 50.6#
86 62.8 49.4 74.0



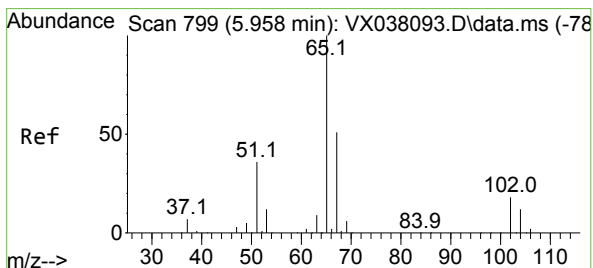
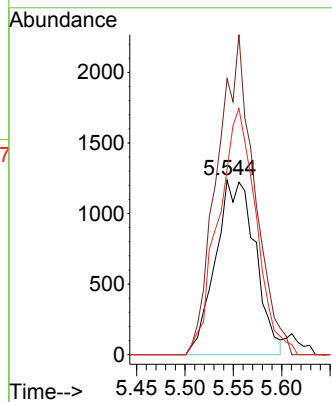
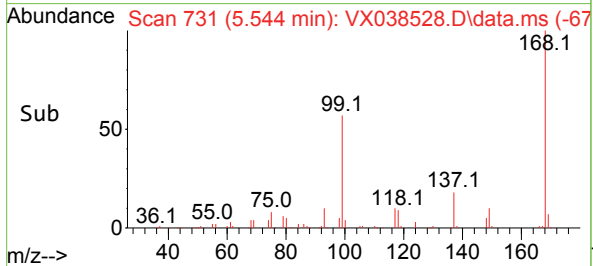


#31
Cyclohexane
Concen: 1.123 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX038528.D
Acq: 26 Oct 2023 19:15

Instrument :
MSVOA_X
ClientSampleId :

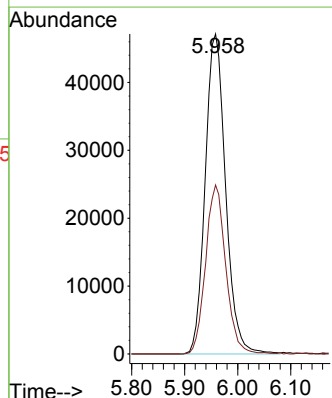
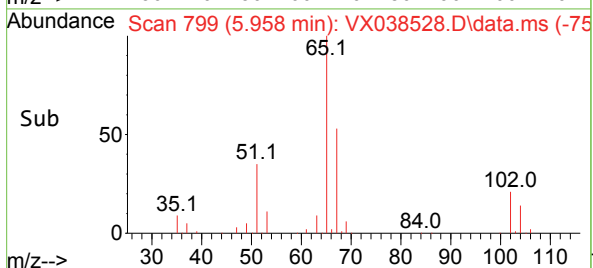
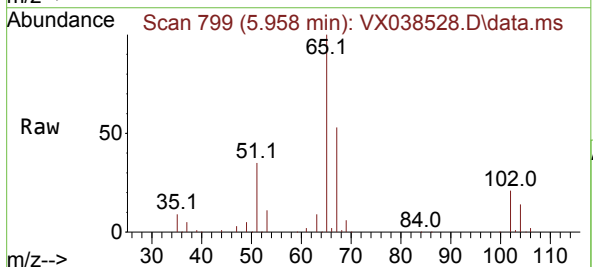


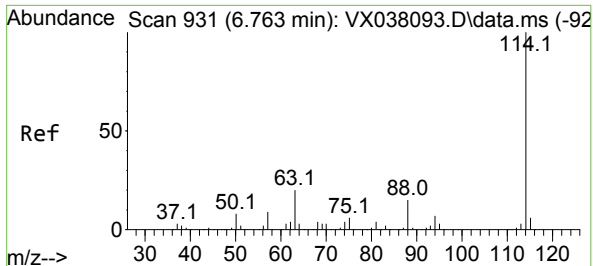
Tgt Ion: 56 Resp: 3543
Ion Ratio Lower Upper
56 100
69 158.0 23.4 35.2#
84 106.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.157 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038528.D
Acq: 26 Oct 2023 19:15

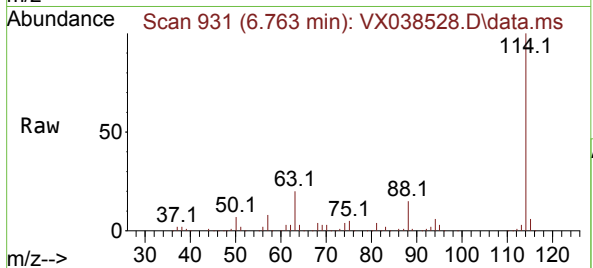
Tgt Ion: 65 Resp: 125676
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2



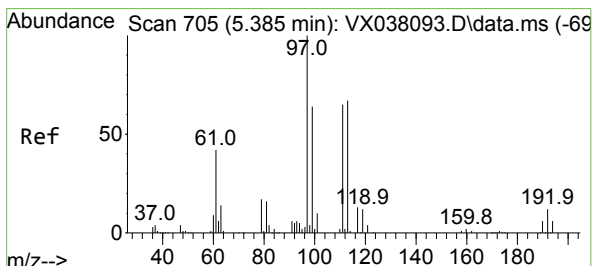
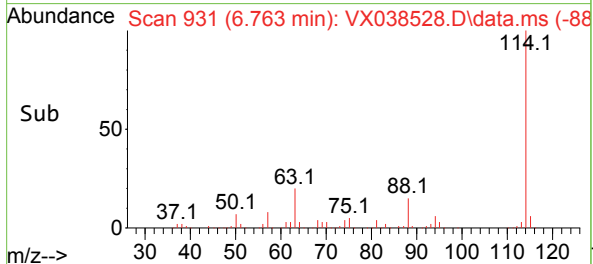
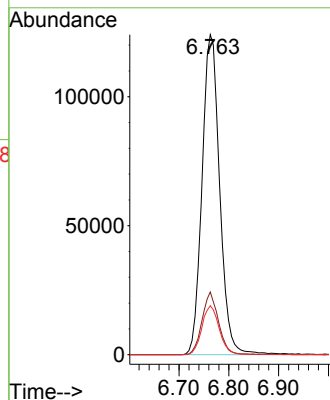


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038528.D
Acq: 26 Oct 2023 19:15

Instrument :
MSVOA_X
ClientSampleId :

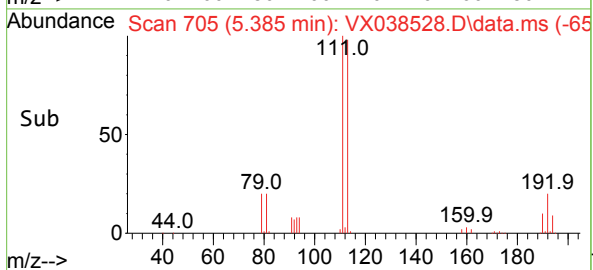
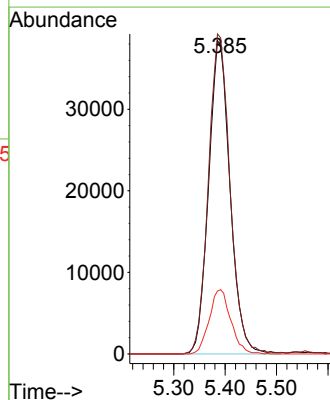
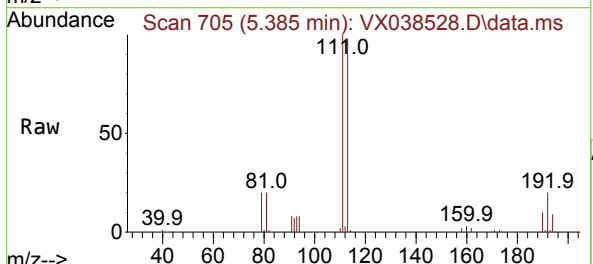


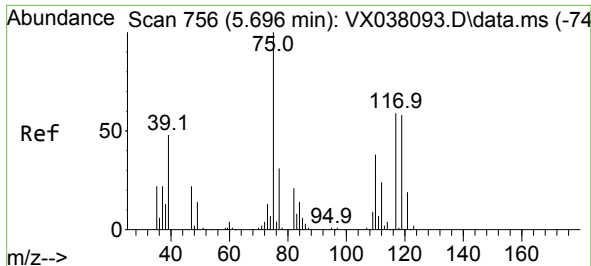
Tgt Ion:114 Resp: 304935
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.599 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038528.D
Acq: 26 Oct 2023 19:15

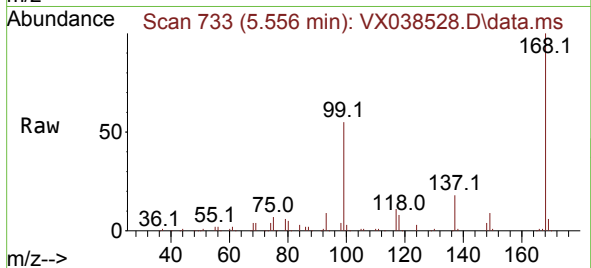
Tgt Ion:113 Resp: 111178
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 20.7 13.3 19.9#



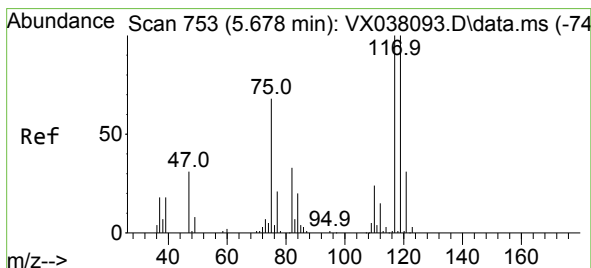
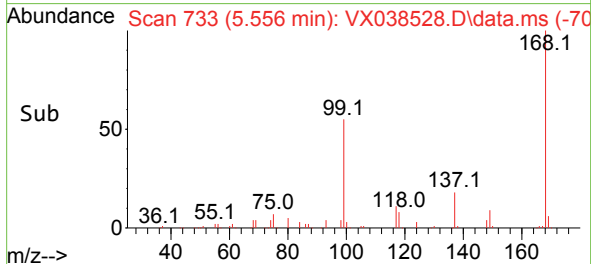
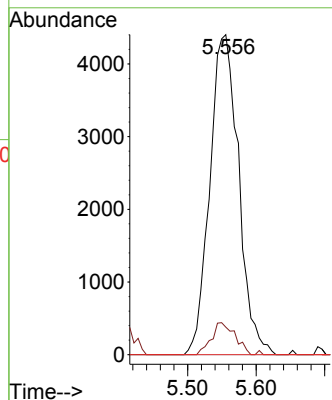


#36
1,1-Dichloropropene
Concen: 4.246 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX038528.D
Acq: 26 Oct 2023 19:15

Instrument :
MSVOA_X
ClientSampleId :

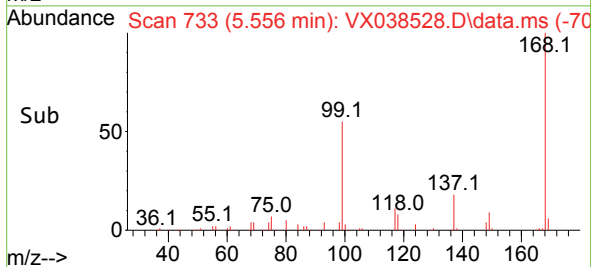
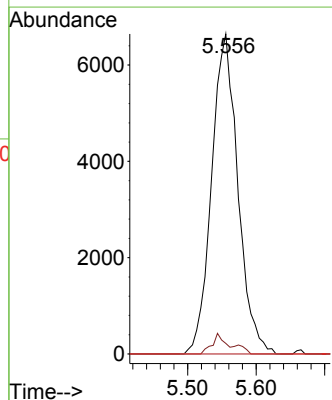
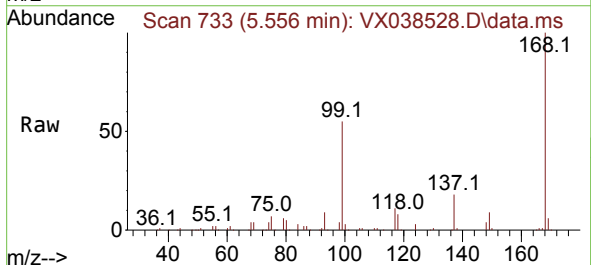


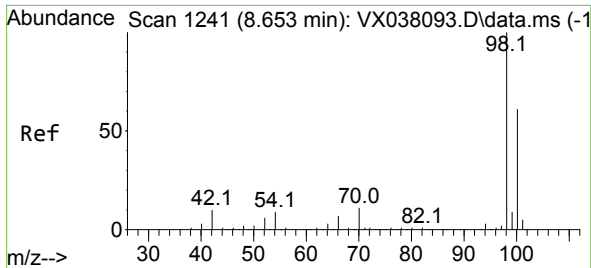
Tgt Ion: 75 Resp: 12866
Ion Ratio Lower Upper
75 100
110 8.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.941 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038528.D
Acq: 26 Oct 2023 19:15

Tgt Ion: 117 Resp: 17709
Ion Ratio Lower Upper
117 100
119 3.3 78.2 117.2#
121 0.0 24.4 36.6#

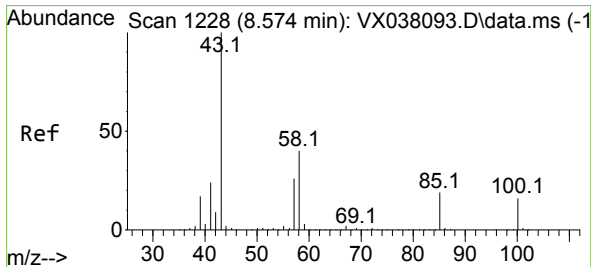
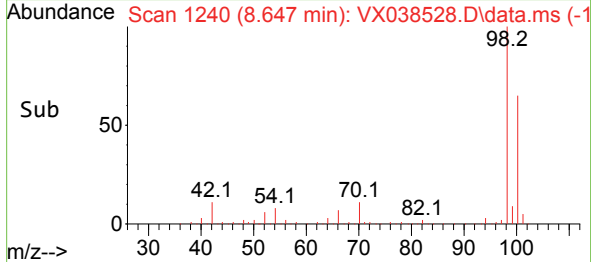
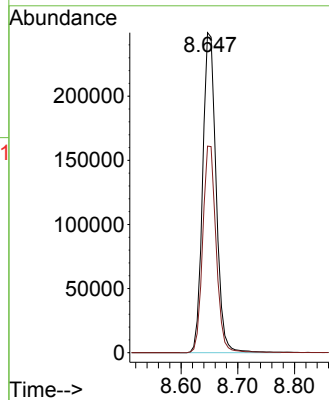
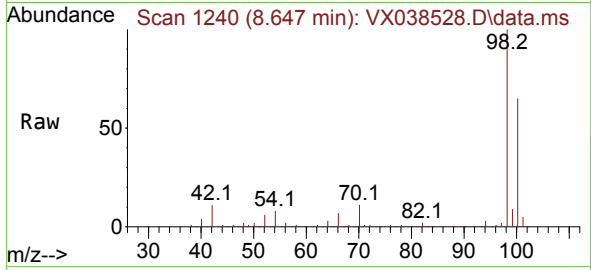




#50
Toluene-d8
Concen: 48.669 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038528.D
Acq: 26 Oct 2023 19:15

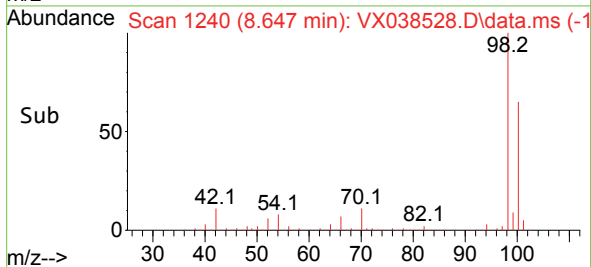
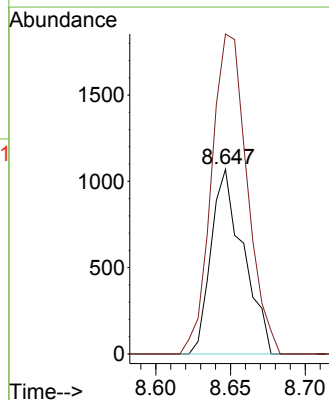
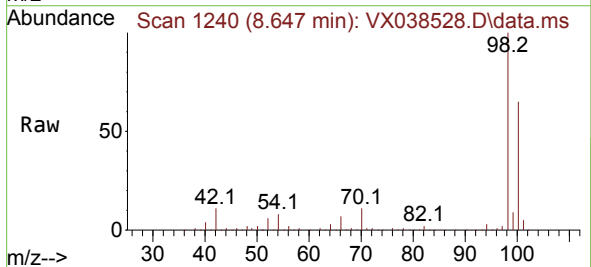
Instrument :
MSVOA_X
ClientSampleId :

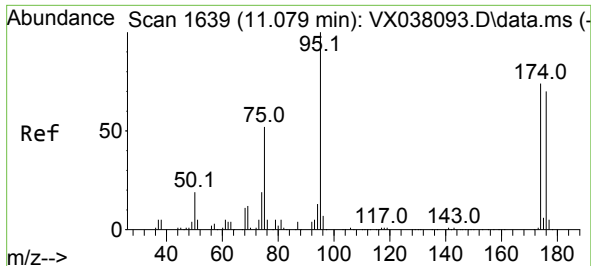
Tgt Ion: 98 Resp: 408639
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.432 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038528.D
Acq: 26 Oct 2023 19:15

Tgt Ion: 43 Resp: 1602
Ion Ratio Lower Upper
43 100
58 191.7 30.4 45.6#

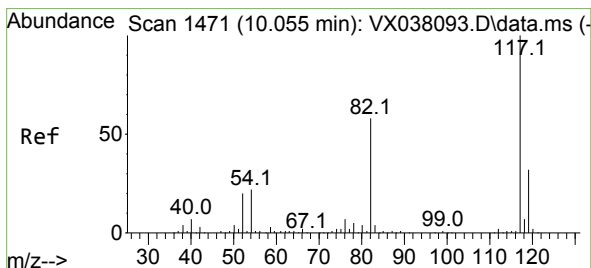
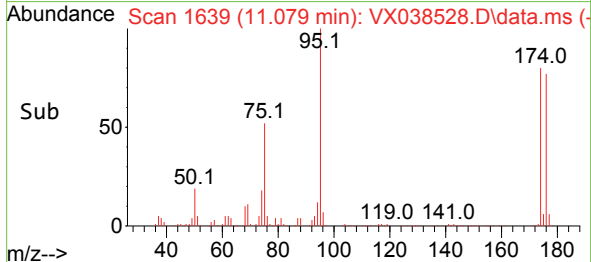
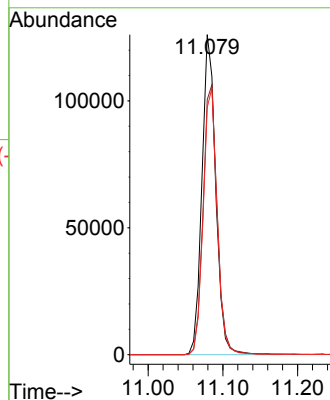
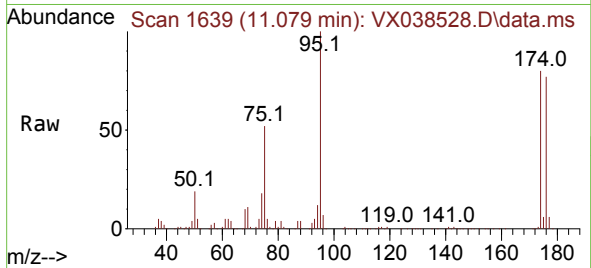




#62
4-Bromofluorobenzene
Concen: 50.789 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038528.D
Acq: 26 Oct 2023 19:15

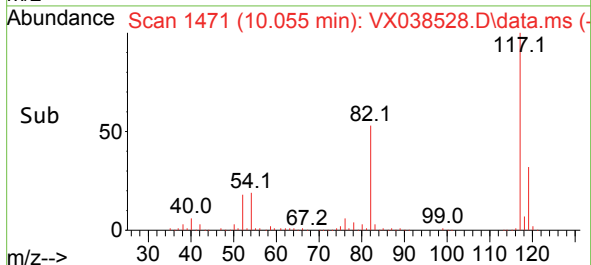
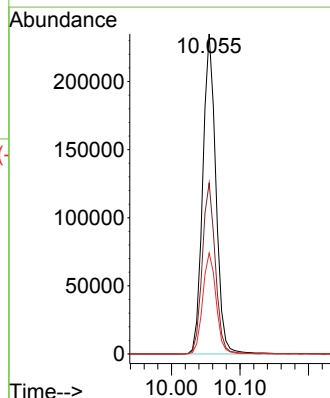
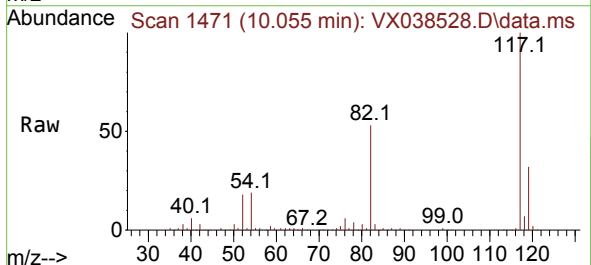
Instrument :
MSVOA_X
ClientSampleId :

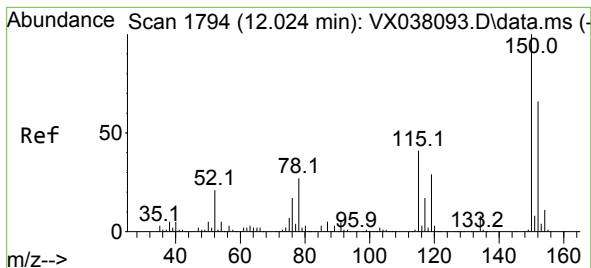
Tgt Ion: 95 Resp: 161667
Ion Ratio Lower Upper
95 100
174 86.8 0.0 135.6
176 84.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038528.D
Acq: 26 Oct 2023 19:15

Tgt Ion: 117 Resp: 313771
Ion Ratio Lower Upper
117 100
82 53.5 46.2 69.4
119 31.6 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: VX038528.D

Acq: 26 Oct 2023 19:15

Instrument :

MSVOA_X

ClientSampleId :

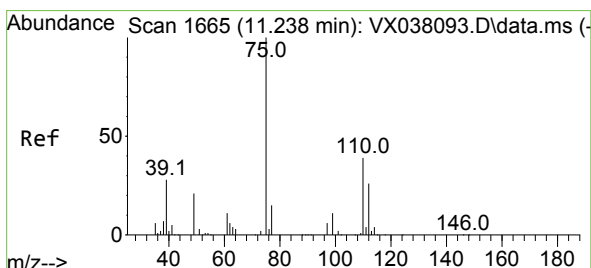
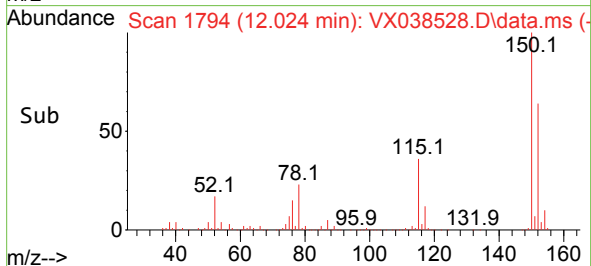
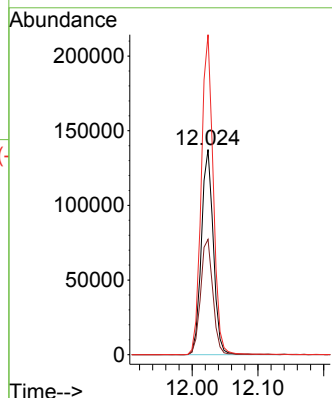
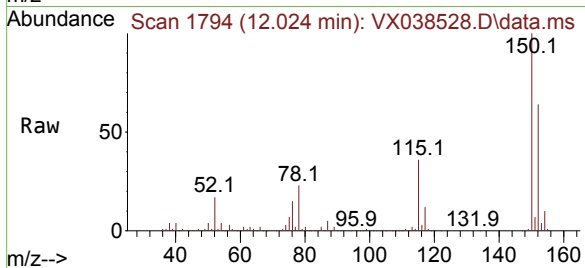
Tgt Ion:152 Resp: 173537

Ion Ratio Lower Upper

152 100

115 57.7 43.3 129.9

150 155.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 20.971 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038528.D

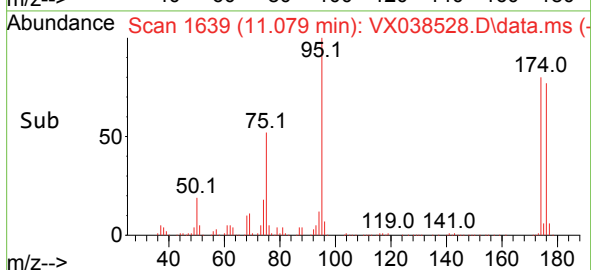
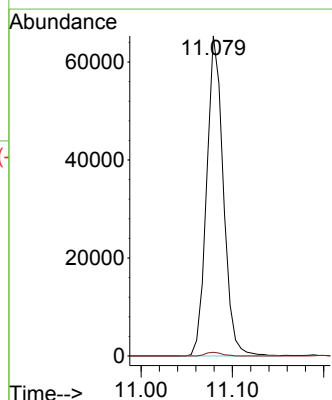
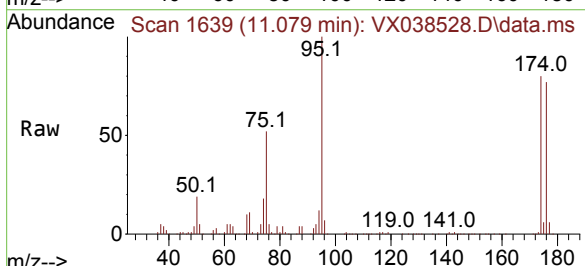
Acq: 26 Oct 2023 19:15

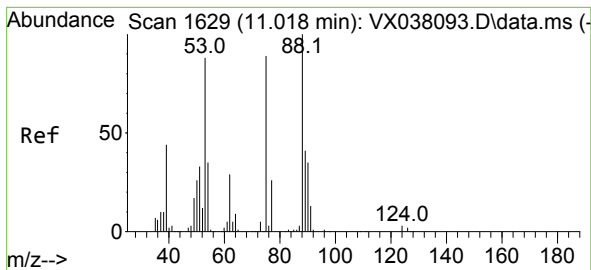
Tgt Ion: 75 Resp: 82735

Ion Ratio Lower Upper

75 100

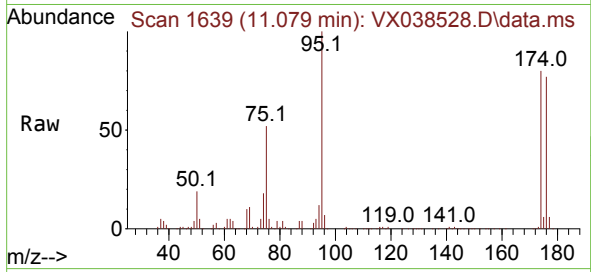
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.329 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038528.D
 Acq: 26 Oct 2023 19:15

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 82735
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

