

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038505.D
 Acq On : 26 Oct 2023 07:53
 Operator : JC/MD
 Sample : 05049-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 26 08:40:32 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)

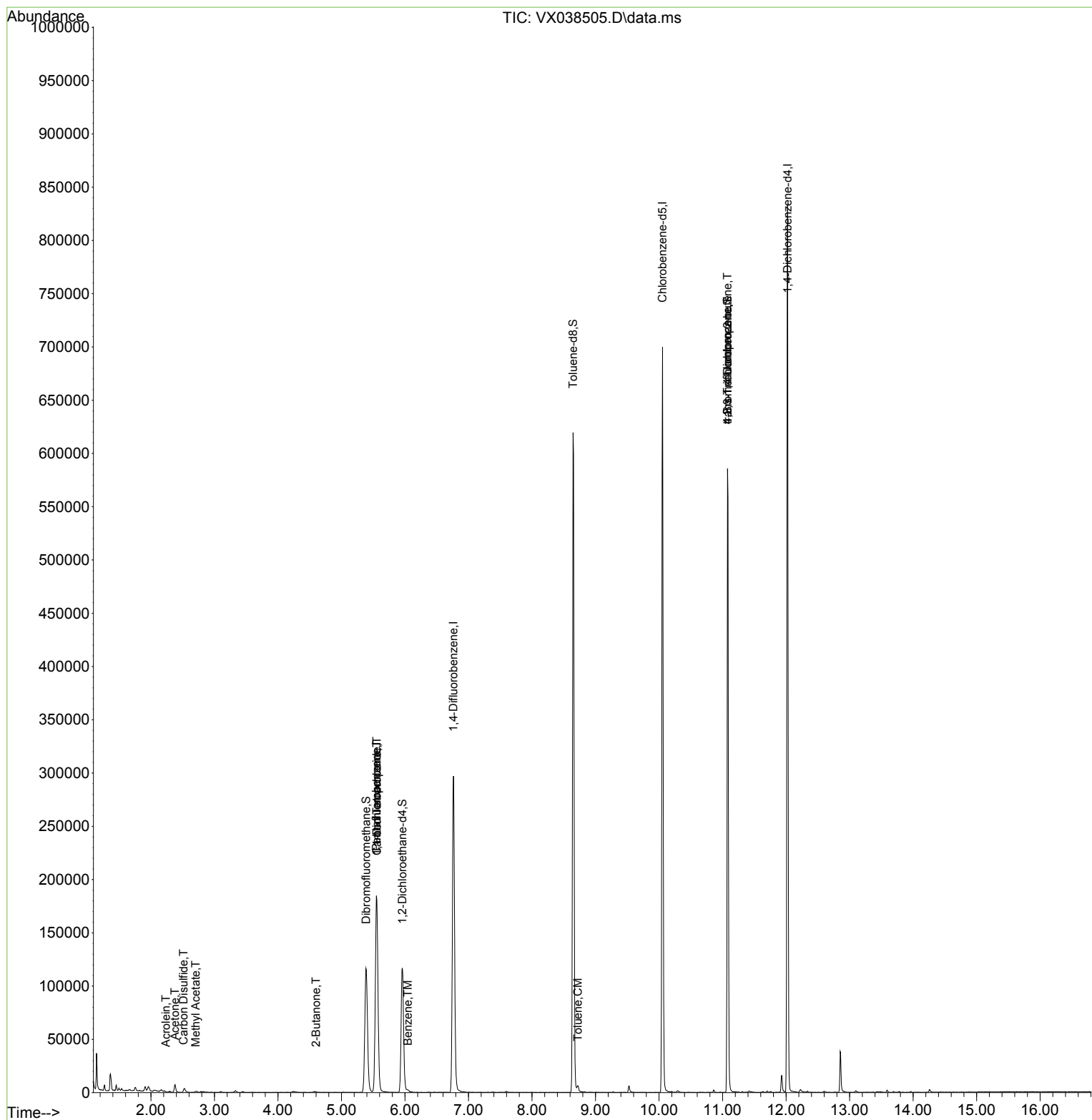
Internal Standards						
1) Pentafluorobenzene	5.549	168	184533	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	318559	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	326175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	181853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	113671	38.298	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	76.600%	#	
35) Dibromofluoromethane	5.385	113	103024	44.882	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.760%		
50) Toluene-d8	8.646	98	384838	43.874	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	87.740%	#	
62) 4-Bromofluorobenzene	11.079	95	151935	45.690	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.380%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.623	94	97	Below Cal	#	3
6) Chloroethane	1.666	64	53	Below Cal	#	43
11) Tert butyl alcohol	2.958	59	240	Below Cal	#	78
13) Acrolein	2.233	56	157	0.372	ug/l	# 44
16) Acetone	2.379	43	7317	5.907	ug/l	# 86
17) Carbon Disulfide	2.513	76	1406	0.289	ug/l	# 96
18) Methyl Acetate	2.702	43	1078	0.203	ug/l	# 76
25) 2-Butanone	4.598	43	1582	0.792	ug/l	# 93
36) 1,1-Dichloropropene	5.555	75	13137	4.150	ug/l	# 51
38) Carbon Tetrachloride	5.555	117	18345	5.891	ug/l	# 16
40) Benzene	6.043	78	2103	0.238	ug/l	# 97
52) Toluene	8.720	92	2355	0.408	ug/l	# 96
76) 1,2,3-Trichloropropane	11.079	75	78809	19.063	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	78809	55.205	ug/l	# 5

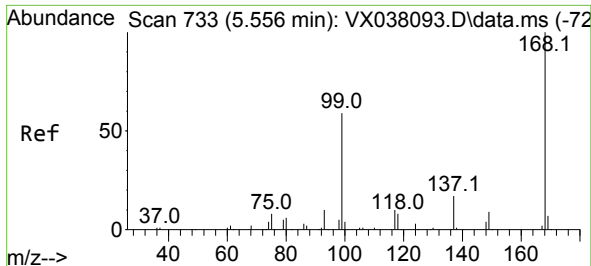
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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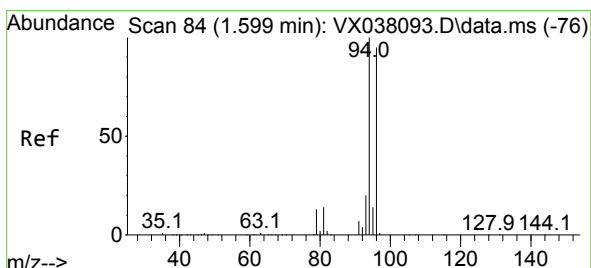
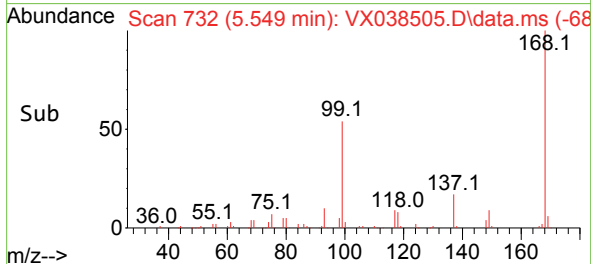
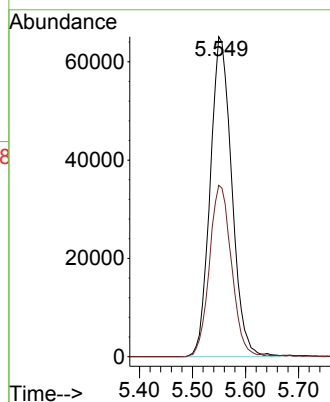
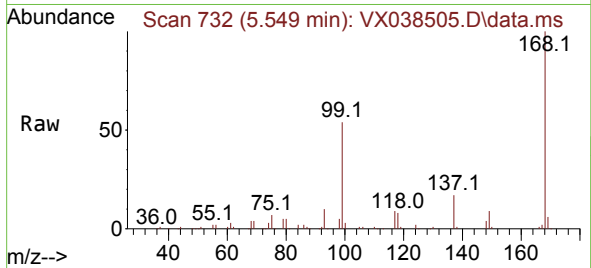




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX038505.D
Acq: 26 Oct 2023 07:53

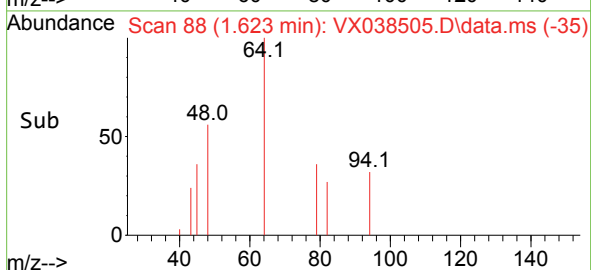
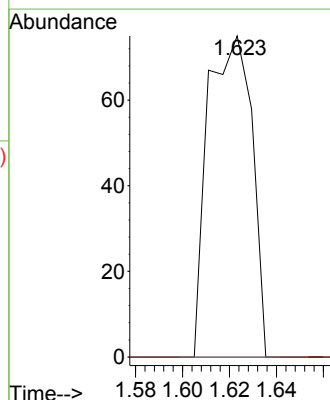
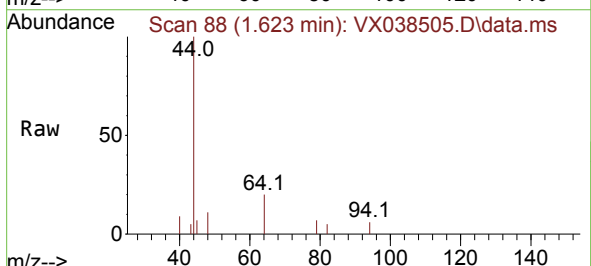
Instrument :
MSVOA_X
ClientSampleId :

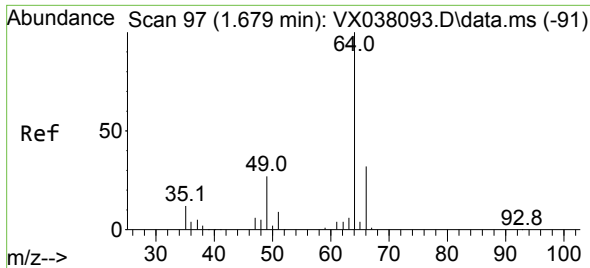
Tgt Ion:168 Resp: 184533
Ion Ratio Lower Upper
168 100
99 53.6 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.623 min Scan# 88
Delta R.T. 0.024 min
Lab File: VX038505.D
Acq: 26 Oct 2023 07:53

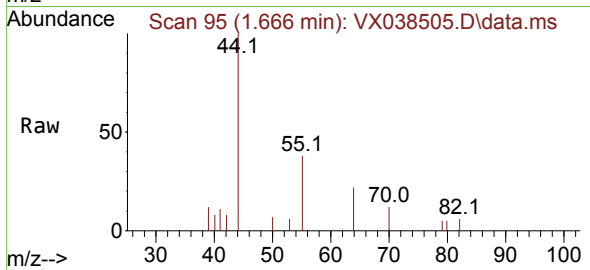
Tgt Ion: 94 Resp: 97
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



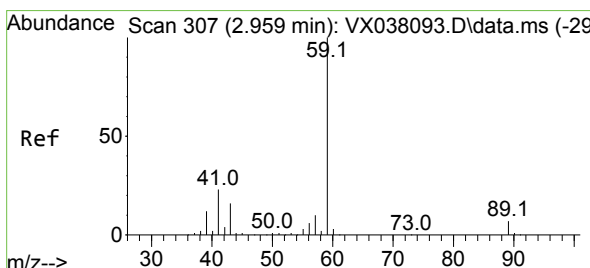
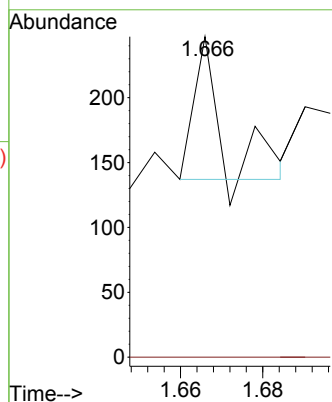
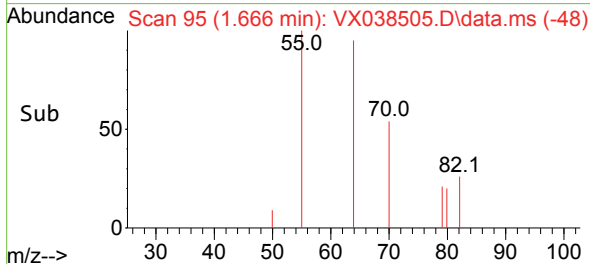


#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 91
Delta R.T. -0.013 min
Lab File: VX038505.D
Acq: 26 Oct 2023 07:53

Instrument :
MSVOA_X
ClientSampleId :

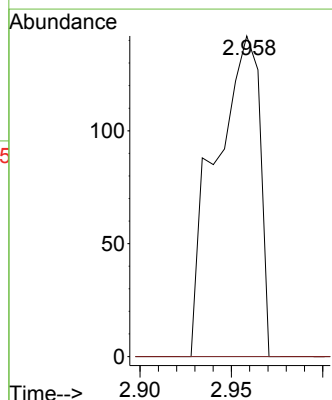
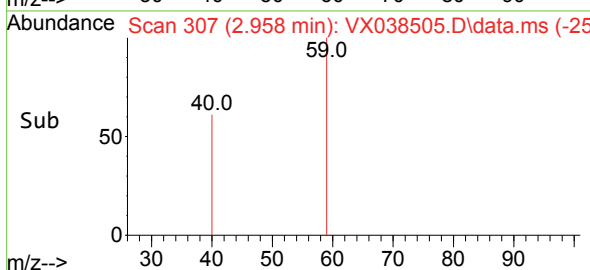
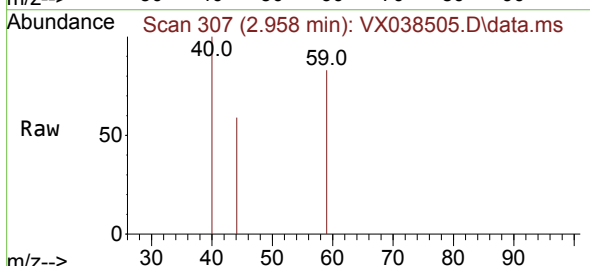


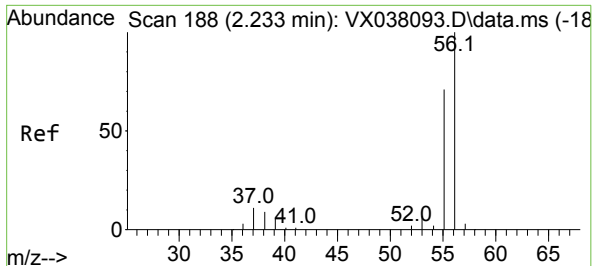
Tgt Ion: 64 Resp: 53
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.958 min Scan# 307
Delta R.T. -0.001 min
Lab File: VX038505.D
Acq: 26 Oct 2023 07:53

Tgt Ion: 59 Resp: 240
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.372 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038505.D

Acq: 26 Oct 2023 07:53

Instrument :

MSVOA_X

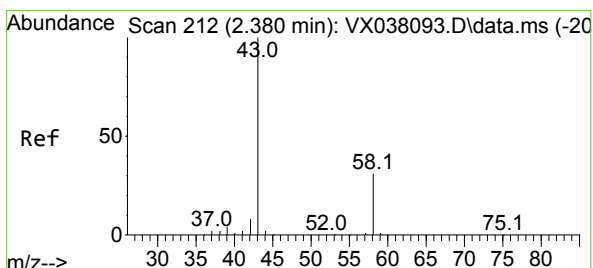
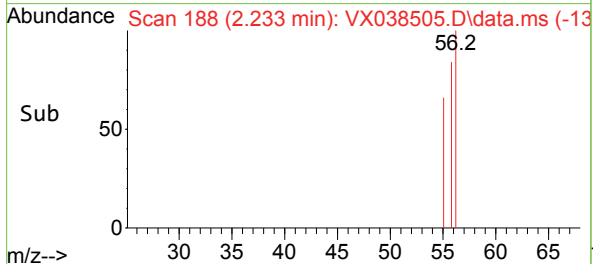
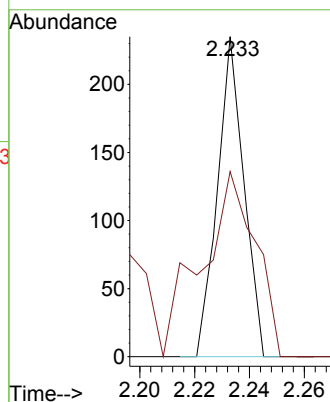
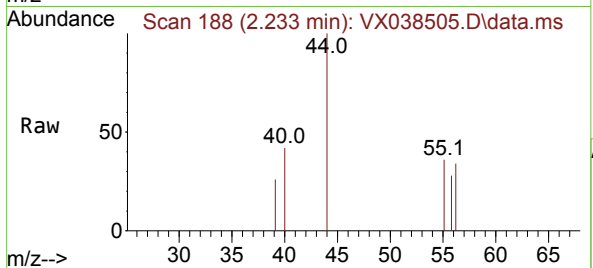
ClientSampleId :

Tgt Ion: 56 Resp: 157

Ion Ratio Lower Upper

56 100

55 117.8 57.1 85.7#



#16

Acetone

Concen: 5.907 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.001 min

Lab File: VX038505.D

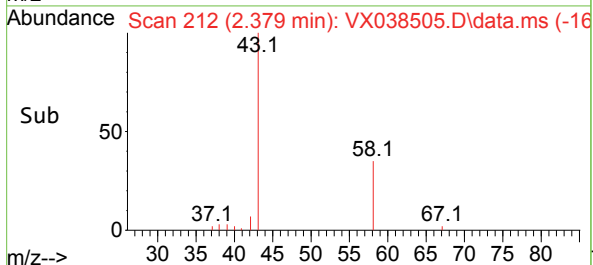
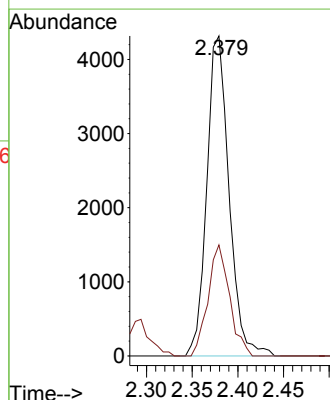
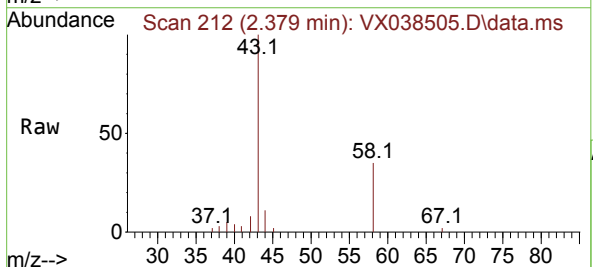
Acq: 26 Oct 2023 07:53

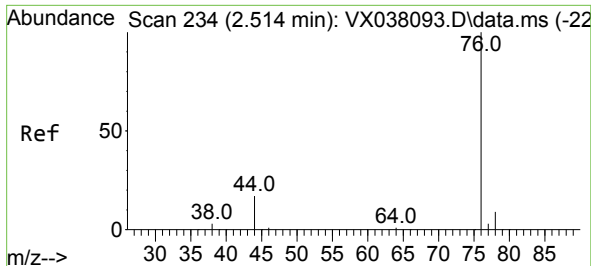
Tgt Ion: 43 Resp: 7317

Ion Ratio Lower Upper

43 100

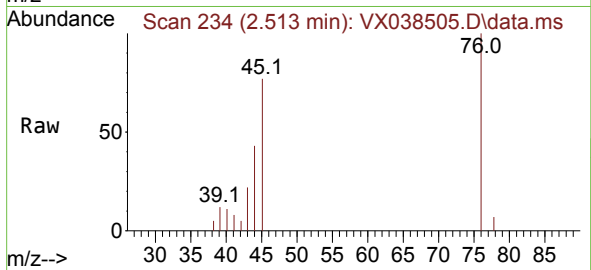
58 34.7 21.9 32.9#



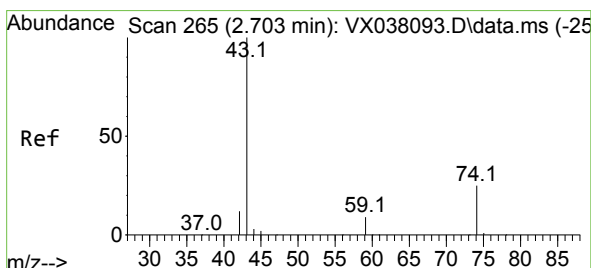
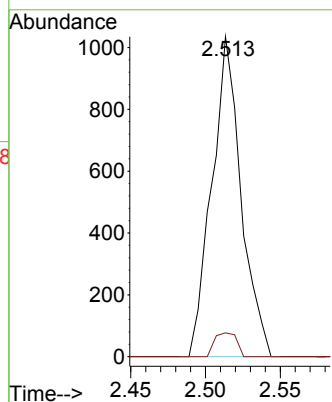
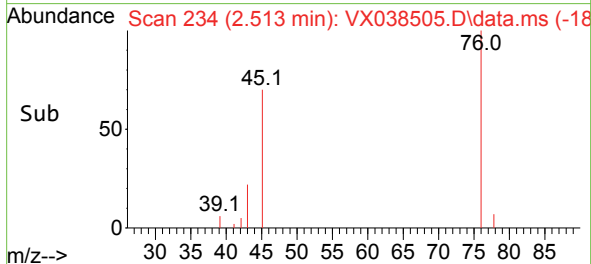


#17
Carbon Disulfide
Concen: 0.289 ug/l
RT: 2.513 min Scan# 21
Delta R.T. 0.005 min
Lab File: VX038505.D
Acq: 26 Oct 2023 07:53

Instrument :
MSVOA_X
ClientSampleId :

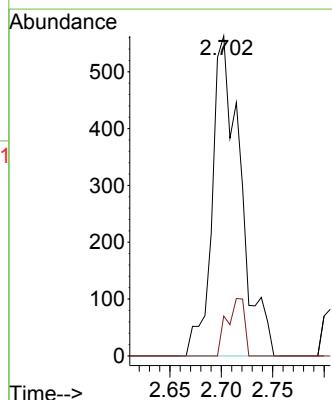
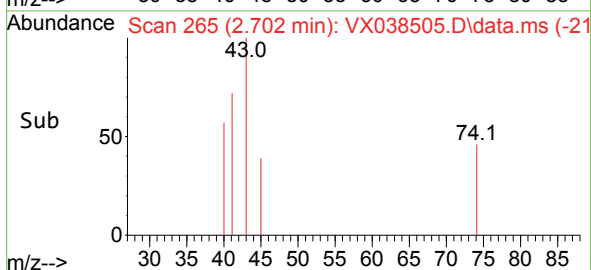
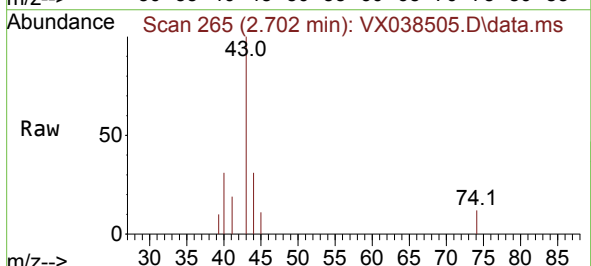


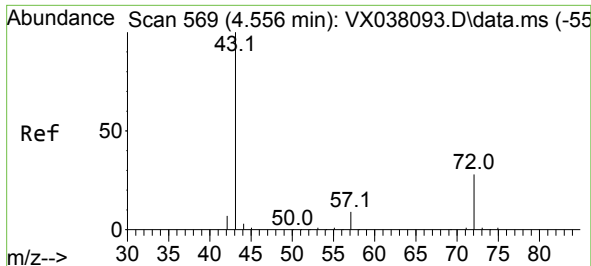
Tgt Ion: 76 Resp: 1406
Ion Ratio Lower Upper
76 100
78 7.4 7.0 10.6



#18
Methyl Acetate
Concen: 0.203 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.001 min
Lab File: VX038505.D
Acq: 26 Oct 2023 07:53

Tgt Ion: 43 Resp: 1078
Ion Ratio Lower Upper
43 100
74 11.0 17.8 26.8#

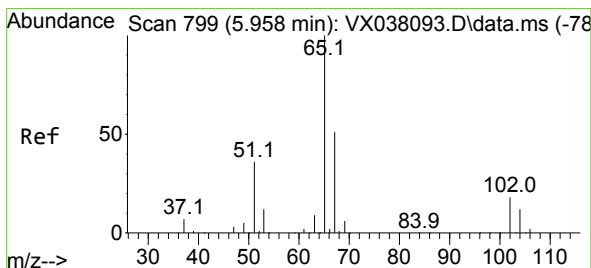
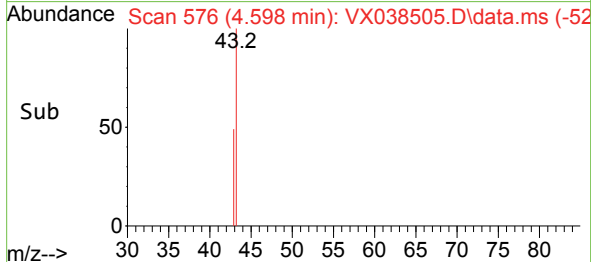
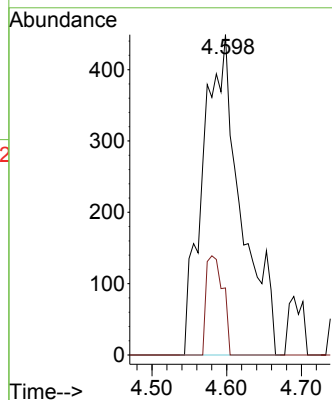
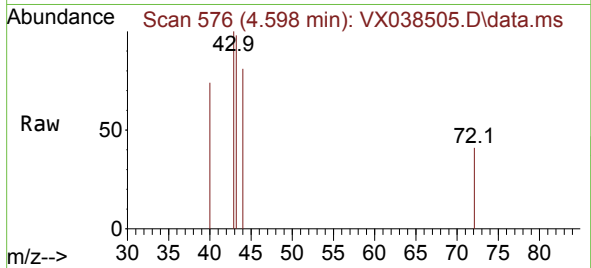




#25
2-Butanone
Concen: 0.792 ug/l
RT: 4.598 min Scan# 51
Delta R.T. 0.042 min
Lab File: VX038505.D
Acq: 26 Oct 2023 07:53

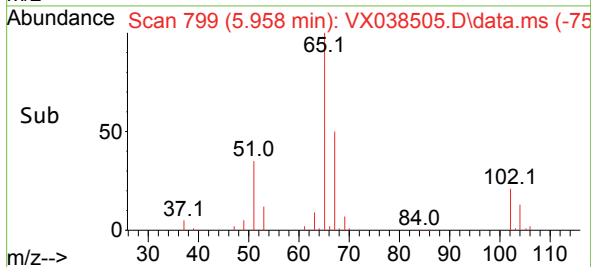
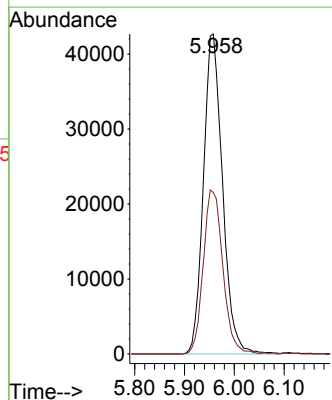
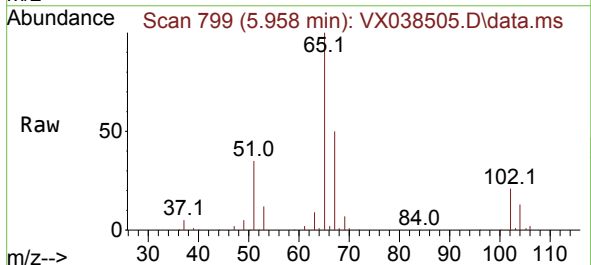
Instrument :
MSVOA_X
ClientSampleId :

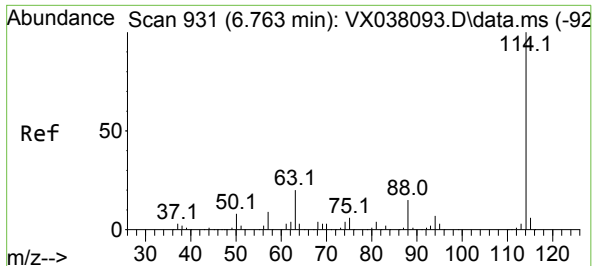
Tgt Ion: 43 Resp: 1582
Ion Ratio Lower Upper
43 100
72 20.9 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 38.298 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX038505.D
Acq: 26 Oct 2023 07:53

Tgt Ion: 65 Resp: 113671
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.2

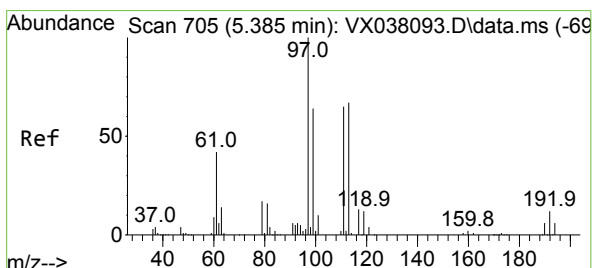
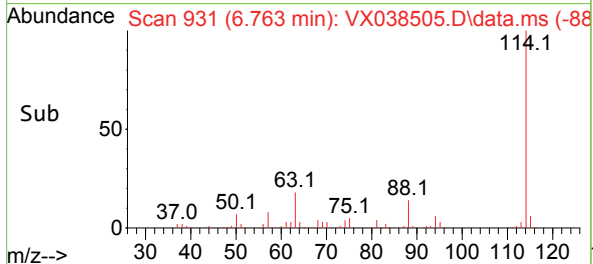
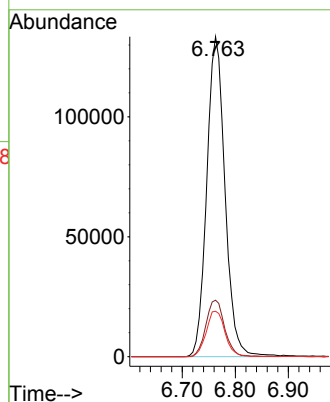
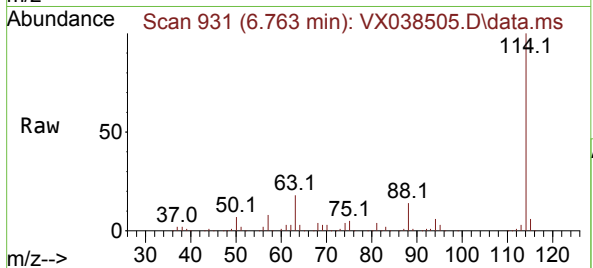




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038505.D
Acq: 26 Oct 2023 07:53

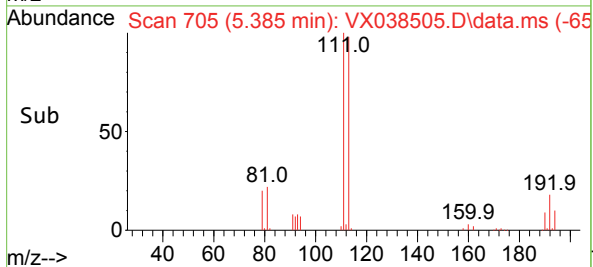
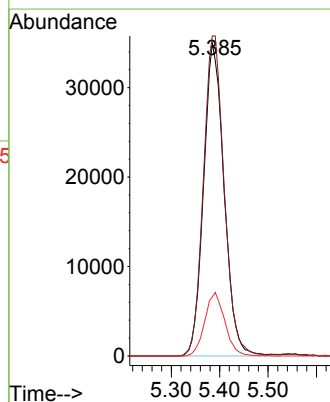
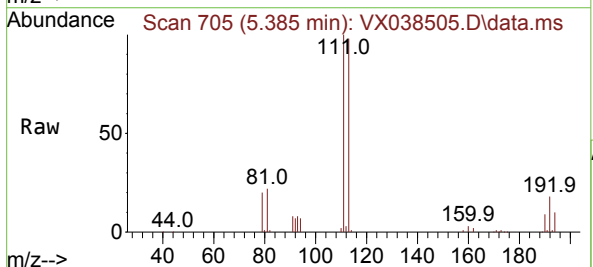
Instrument :
MSVOA_X
ClientSampleId :

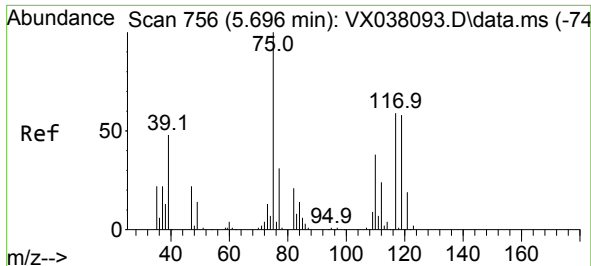
Tgt Ion:114 Resp: 318559
Ion Ratio Lower Upper
114 100
63 17.6 0.0 45.0
88 14.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.882 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038505.D
Acq: 26 Oct 2023 07:53

Tgt Ion:113 Resp: 103024
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 19.9 13.3 19.9

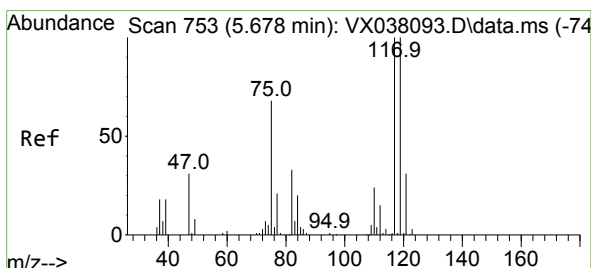
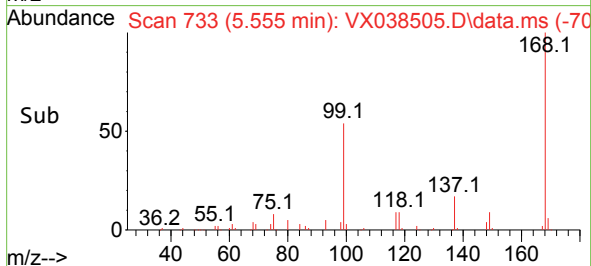
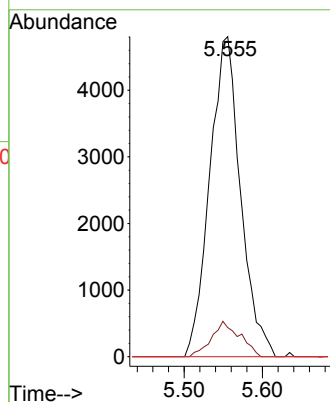
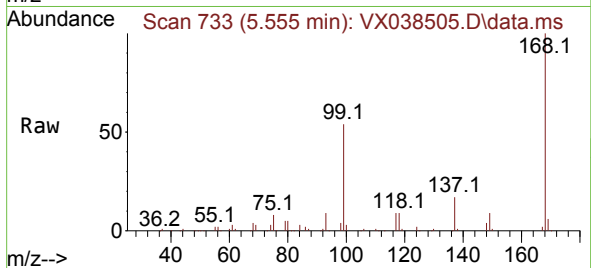




#36
1,1-Dichloropropene
Concen: 4.150 ug/l
RT: 5.555 min Scan# 713
Delta R.T. -0.135 min
Lab File: VX038505.D
Acq: 26 Oct 2023 07:53

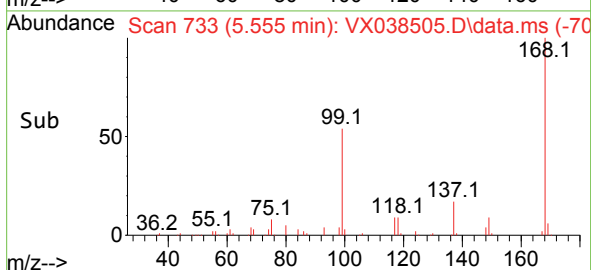
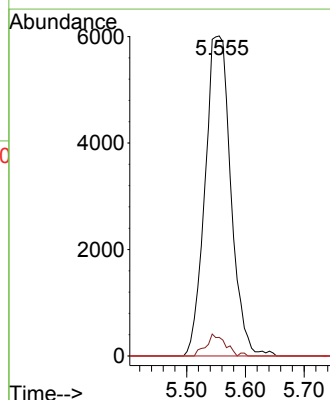
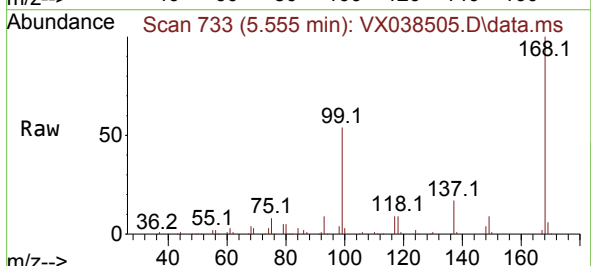
Instrument :
MSVOA_X
ClientSampleId :

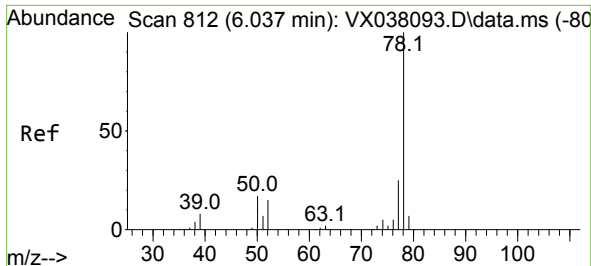
Tgt Ion: 75 Resp: 13137
Ion Ratio Lower Upper
75 100
110 10.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.891 ug/l
RT: 5.555 min Scan# 733
Delta R.T. -0.123 min
Lab File: VX038505.D
Acq: 26 Oct 2023 07:53

Tgt Ion: 117 Resp: 18345
Ion Ratio Lower Upper
117 100
119 5.8 78.2 117.2#
121 0.0 24.4 36.6#

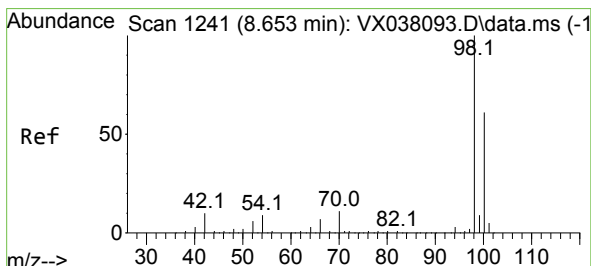
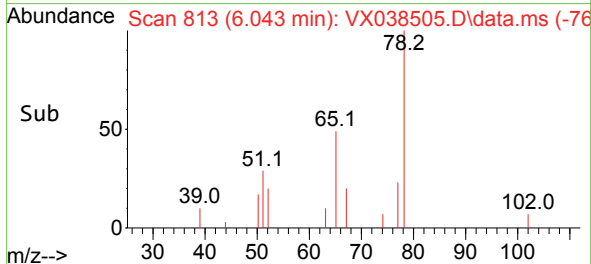
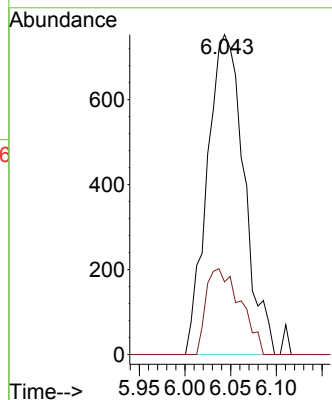
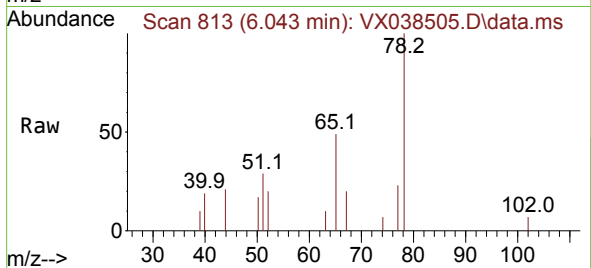




#40
Benzene
Concen: 0.238 ug/l
RT: 6.043 min Scan# 81
Delta R.T. 0.005 min
Lab File: VX038505.D
Acq: 26 Oct 2023 07:53

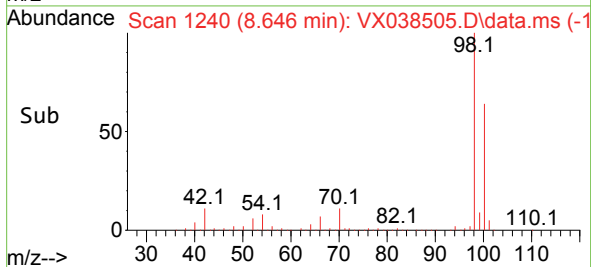
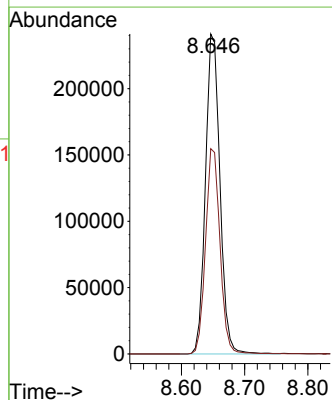
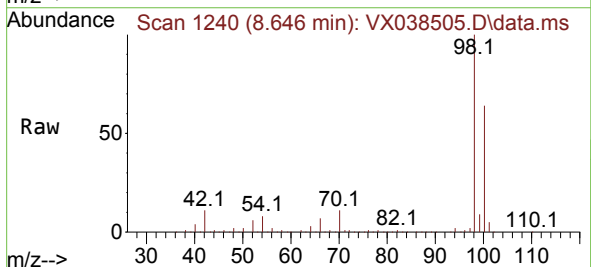
Instrument :
MSVOA_X
ClientSampleId :

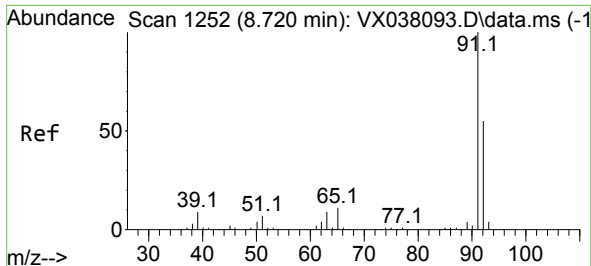
Tgt Ion: 78 Resp: 2103
Ion Ratio Lower Upper
78 100
77 22.7 19.3 28.9



#50
Toluene-d8
Concen: 43.874 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.007 min
Lab File: VX038505.D
Acq: 26 Oct 2023 07:53

Tgt Ion: 98 Resp: 384838
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

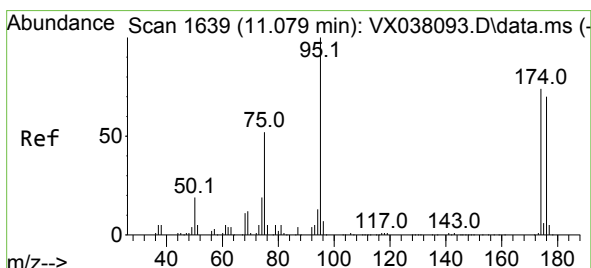
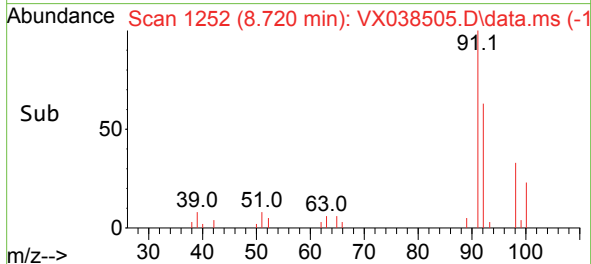
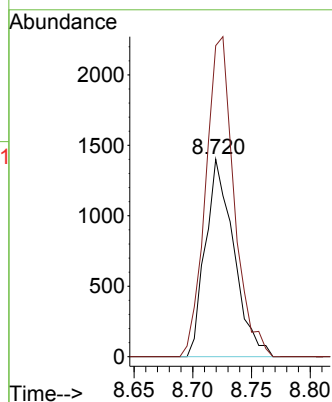
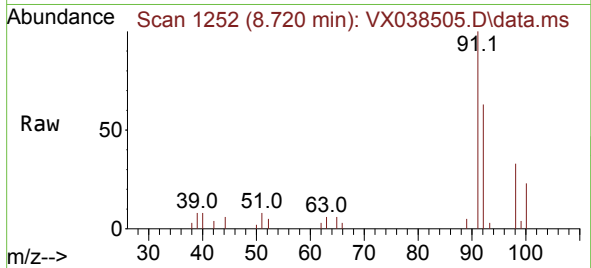




#52
Toluene
Concen: 0.408 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038505.D
Acq: 26 Oct 2023 07:53

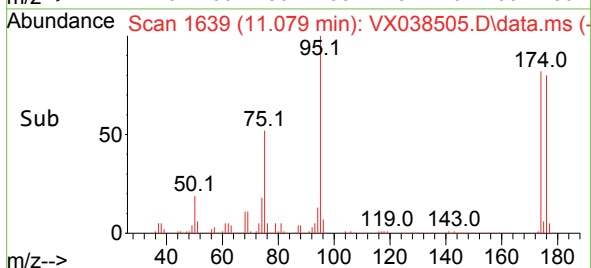
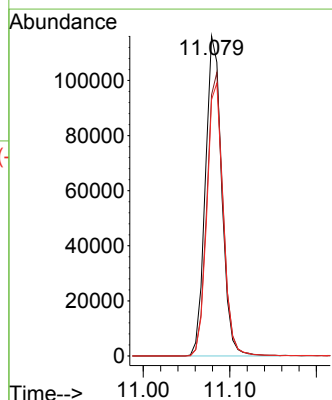
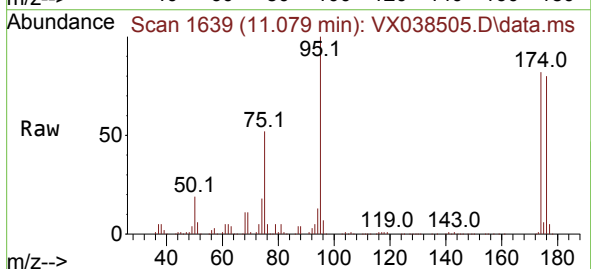
Instrument :
MSVOA_X
ClientSampleId :

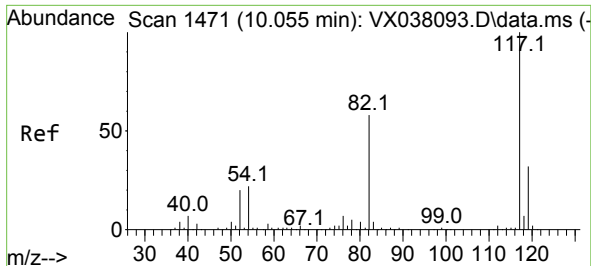
Tgt Ion: 92 Resp: 2355
Ion Ratio Lower Upper
92 100
91 162.0 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 45.690 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038505.D
Acq: 26 Oct 2023 07:53

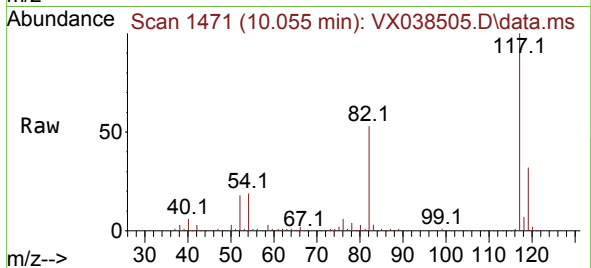
Tgt Ion: 95 Resp: 151935
Ion Ratio Lower Upper
95 100
174 88.3 0.0 135.6
176 85.3 0.0 131.0



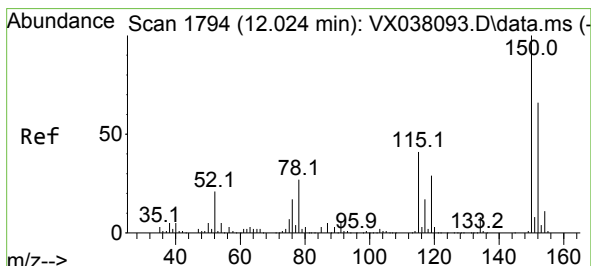
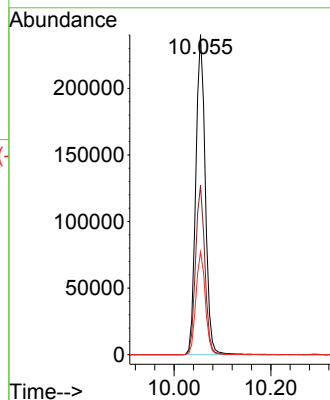
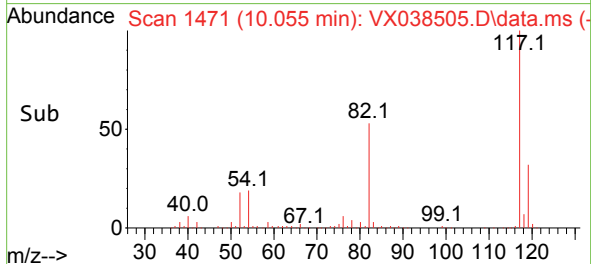


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038505.D
Acq: 26 Oct 2023 07:53

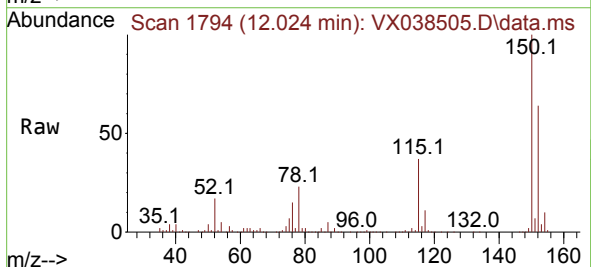
Instrument :
MSVOA_X
ClientSampleId :



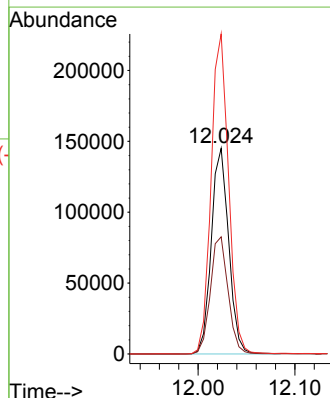
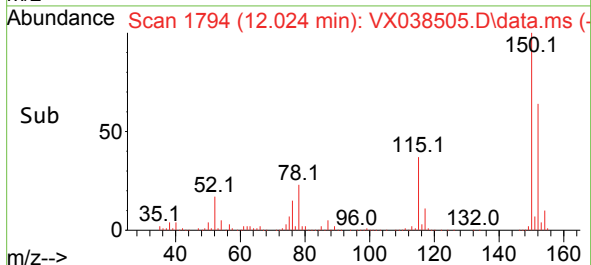
Tgt Ion:117 Resp: 326175
Ion Ratio Lower Upper
117 100
82 52.9 46.2 69.4
119 32.1 25.5 38.3

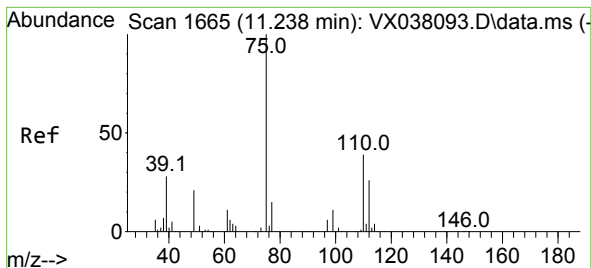


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX038505.D
Acq: 26 Oct 2023 07:53



Tgt Ion:152 Resp: 181853
Ion Ratio Lower Upper
152 100
115 58.1 43.3 129.9
150 156.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 19.063 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038505.D

Acq: 26 Oct 2023 07:53

Instrument :

MSVOA_X

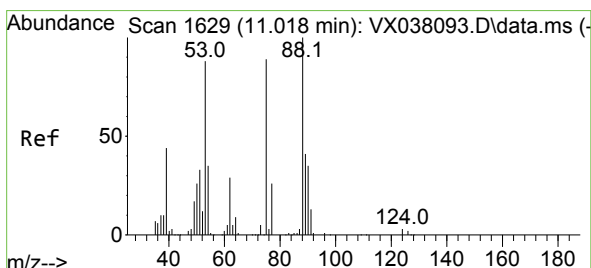
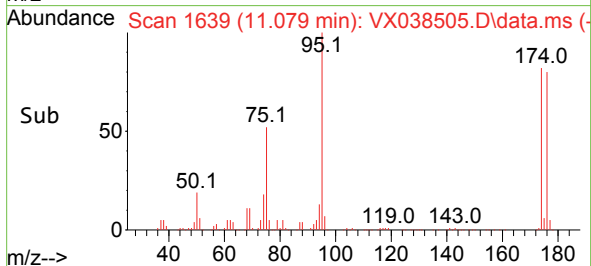
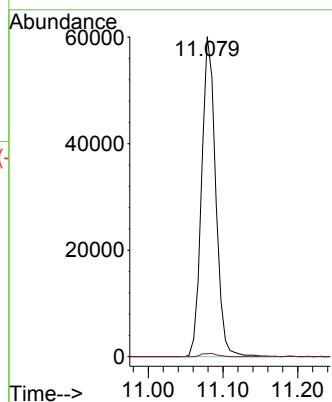
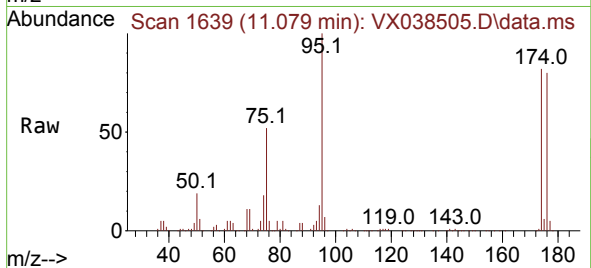
ClientSampleId :

Tgt Ion: 75 Resp: 78809

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 55.205 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038505.D

Acq: 26 Oct 2023 07:53

Tgt Ion: 75 Resp: 78809

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

