

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102023\
 Data File : VX038414.D
 Acq On : 20 Oct 2023 19:45
 Operator : JC/MD
 Sample : 04991-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1025

Quant Time: Oct 21 01:50:53 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)

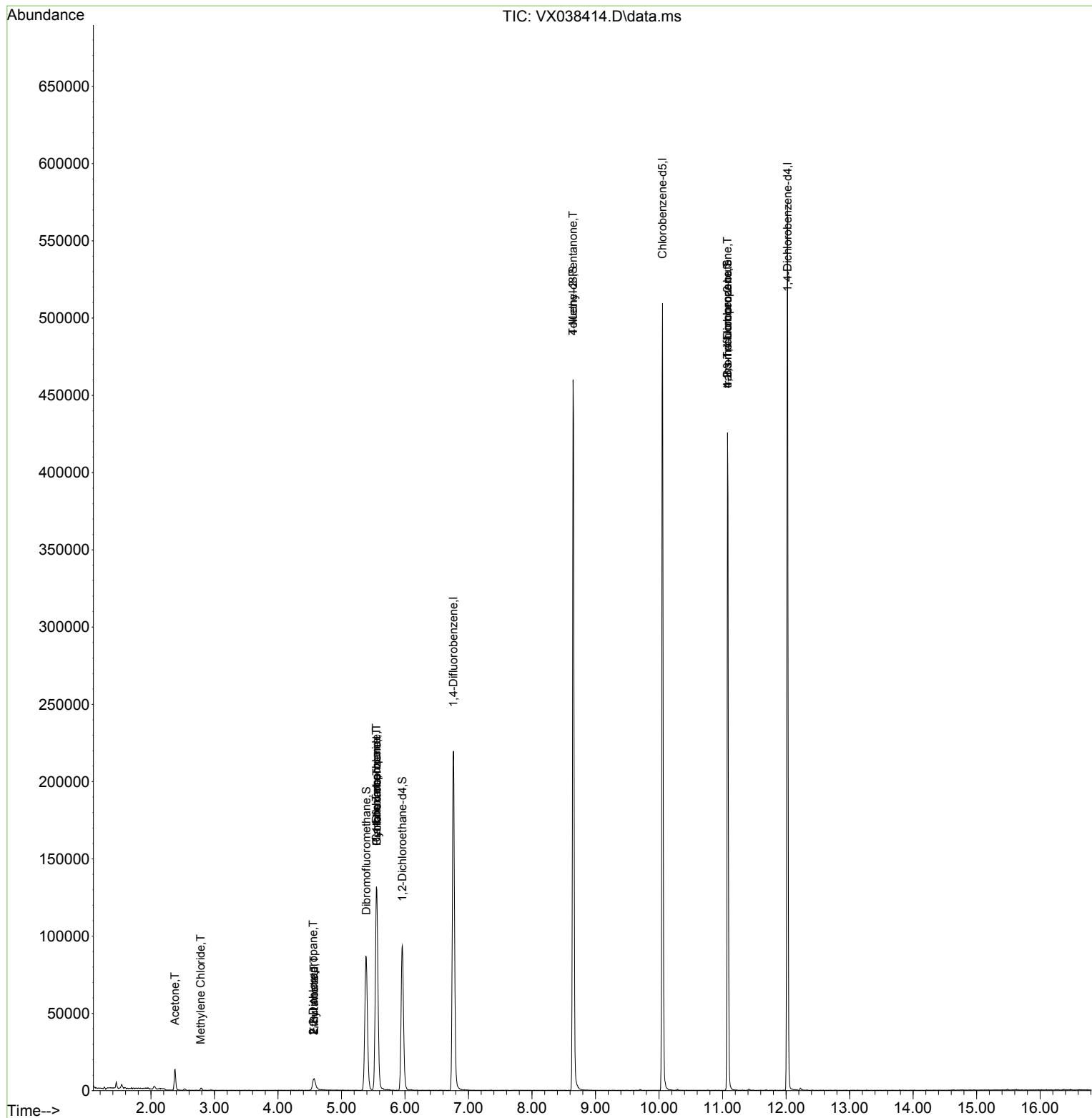
Internal Standards						
1) Pentafluorobenzene	5.556	168	126849	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	228342	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92033	45.108	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.220%		
35) Dibromofluoromethane	5.391	113	74644	45.367	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.740%		
50) Toluene-d8	8.647	98	285976	45.485	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.960%#		
62) 4-Bromofluorobenzene	11.079	95	106921	44.857	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.720%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.538	94	45	Below Cal	#	3
6) Chloroethane	1.642	64	25	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	236	Below Cal	#	78
16) Acetone	2.380	43	14622	17.172	ug/l	96
20) Methylene Chloride	2.782	84	766	0.478	ug/l	# 85
25) 2-Butanone	4.568	43	4434	3.227	ug/l	91
26) 2,2-Dichloropropane	4.556	77	450	0.218	ug/l	# 54
31) Cyclohexane	5.556	56	3222	1.458	ug/l	# 36
36) 1,1-Dichloropropene	5.550	75	10761	4.743	ug/l	# 51
37) Ethyl Acetate	4.568	43	4434	1.645	ug/l	# 82
38) Carbon Tetrachloride	5.550	117	13126	5.881	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	1312	0.473	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	58238	21.319	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	58238	61.261	ug/l	# 5

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102023\
Data File : VX038414.D
Acq On : 20 Oct 2023 19:45
Operator : JC/MD
Sample : 04991-03 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
1025

Quant Time: Oct 21 01:50:53 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

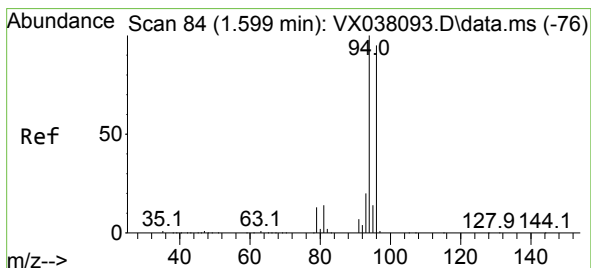
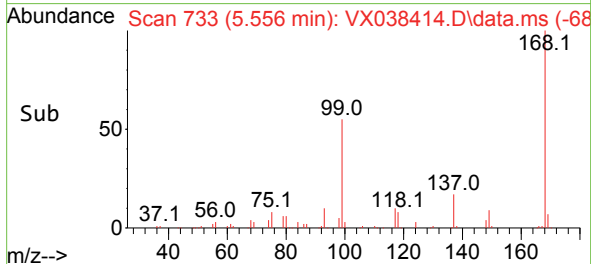
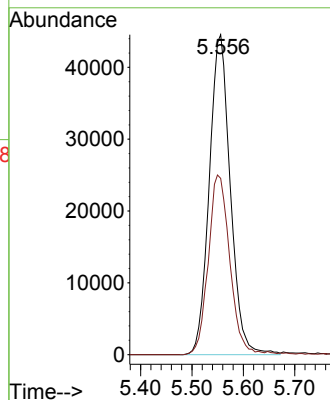
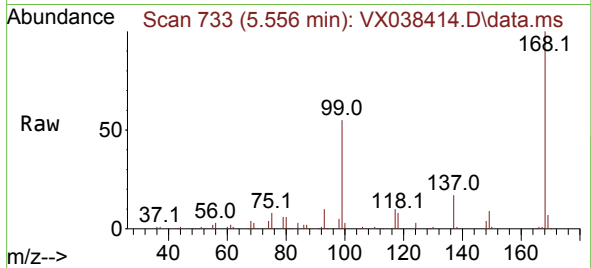




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038414.D
Acq: 20 Oct 2023 19:45

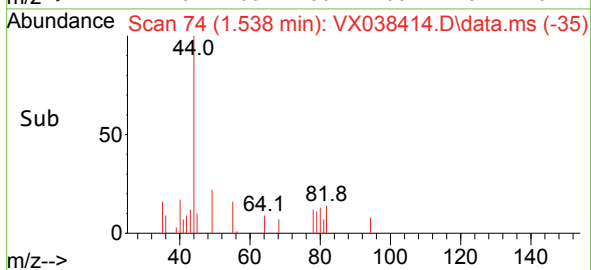
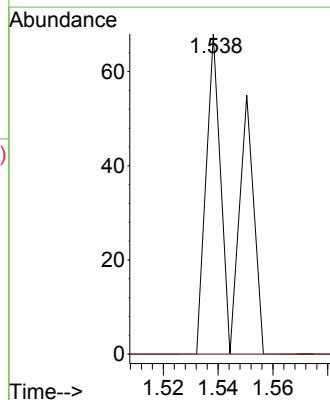
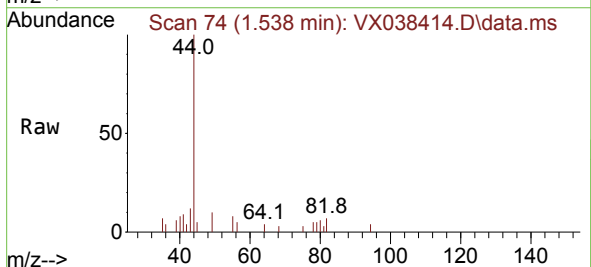
Instrument :
MSVOA_X
ClientSampleId :
1025

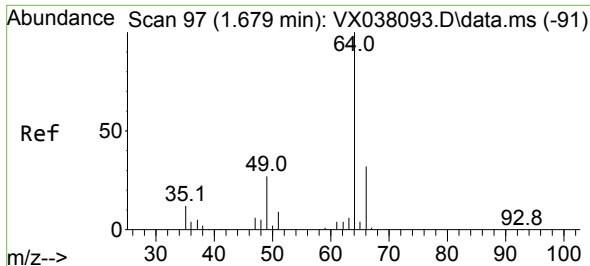
Tgt Ion:168 Resp: 126849
Ion Ratio Lower Upper
168 100
99 55.1 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.538 min Scan# 74
Delta R.T. -0.061 min
Lab File: VX038414.D
Acq: 20 Oct 2023 19:45

Tgt Ion: 94 Resp: 45
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

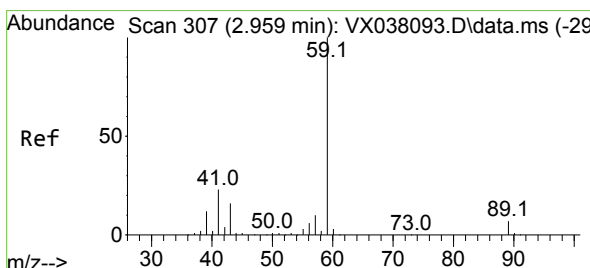
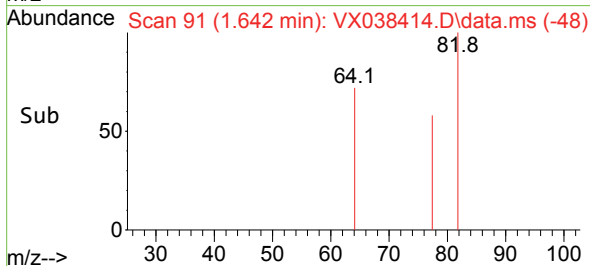
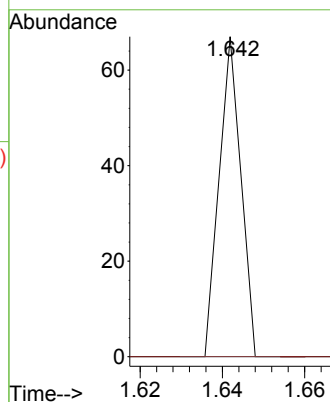
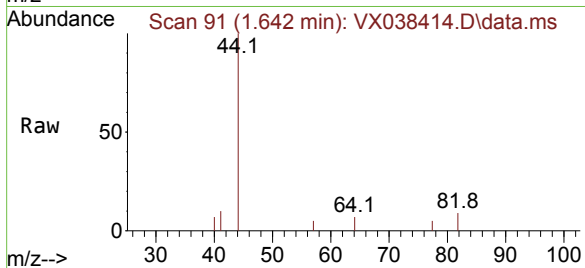




#6
Chloroethane
Concen: Below Cal
RT: 1.642 min Scan# 91
Delta R.T. -0.037 min
Lab File: VX038414.D
Acq: 20 Oct 2023 19:45

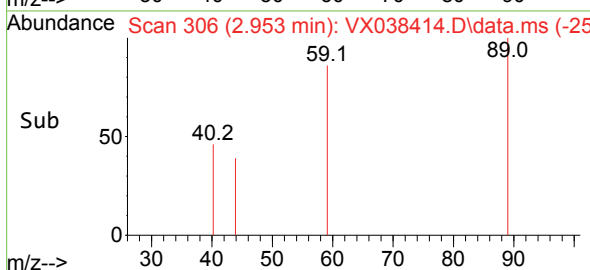
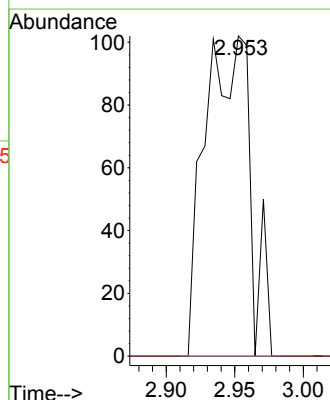
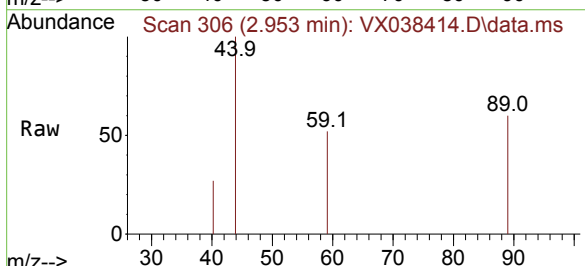
Instrument :
MSVOA_X
ClientSampleId :
1025

Tgt Ion: 64 Resp: 25
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: VX038414.D
Acq: 20 Oct 2023 19:45

Tgt Ion: 59 Resp: 236
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

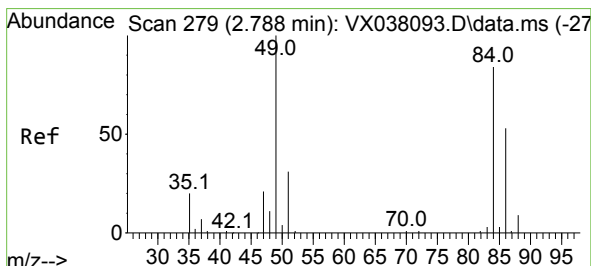
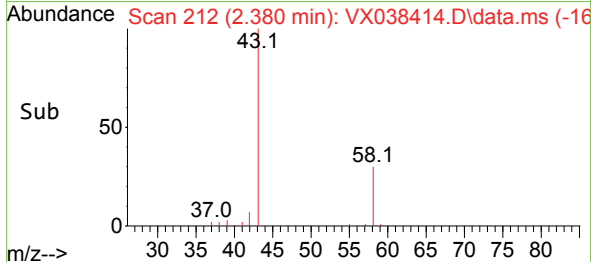
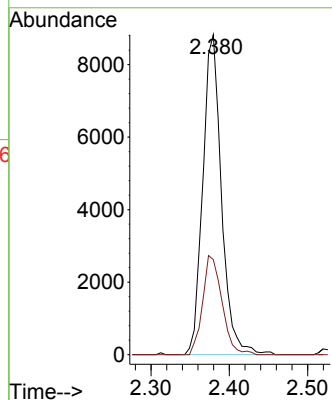
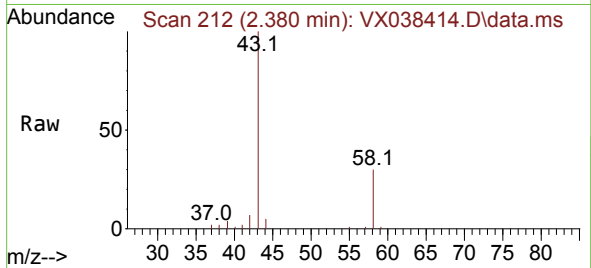




#16
Acetone
Concen: 17.172 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038414.D
Acq: 20 Oct 2023 19:45

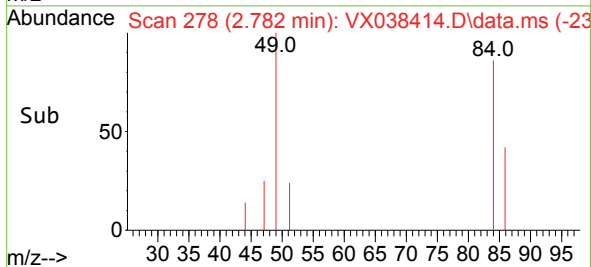
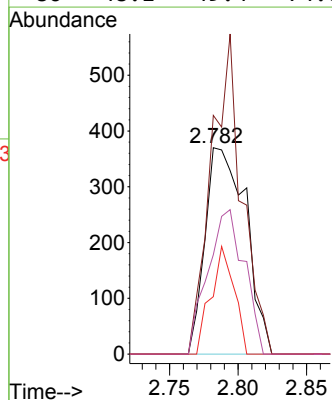
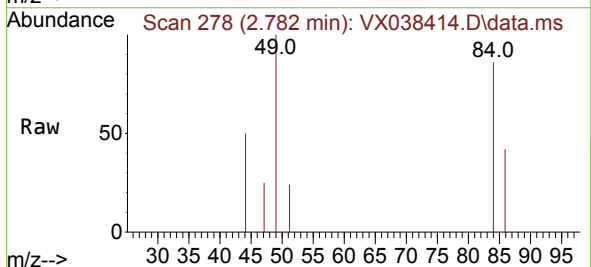
Instrument :
MSVOA_X
ClientSampleId :
1025

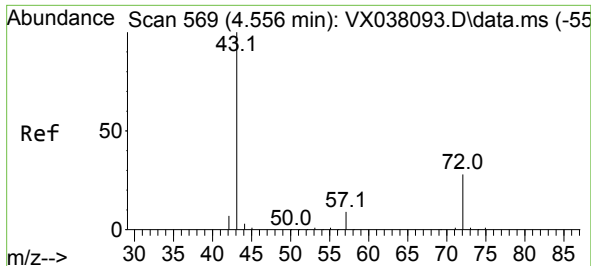
Tgt Ion: 43 Resp: 14622
Ion Ratio Lower Upper
43 100
58 29.7 21.9 32.9



#20
Methylene Chloride
Concen: 0.478 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX038414.D
Acq: 20 Oct 2023 19:45

Tgt Ion: 84 Resp: 766
Ion Ratio Lower Upper
84 100
49 115.7 103.6 155.4
51 27.8 33.8 50.6#
86 48.1 49.4 74.0#

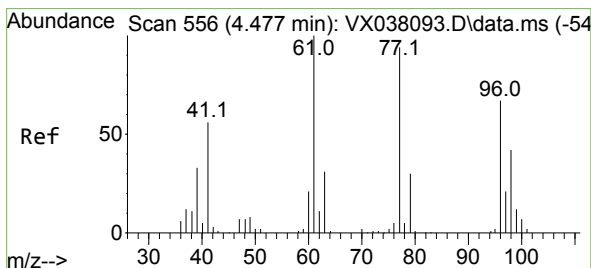
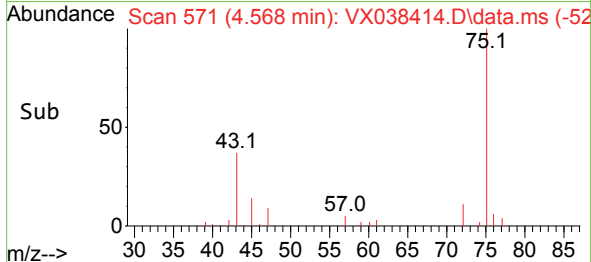
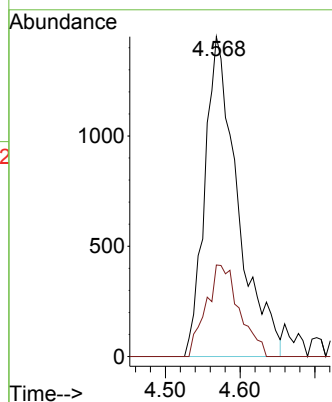
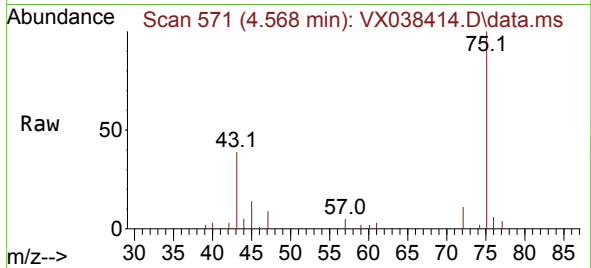




#25
2-Butanone
Concen: 3.227 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX038414.D
Acq: 20 Oct 2023 19:45

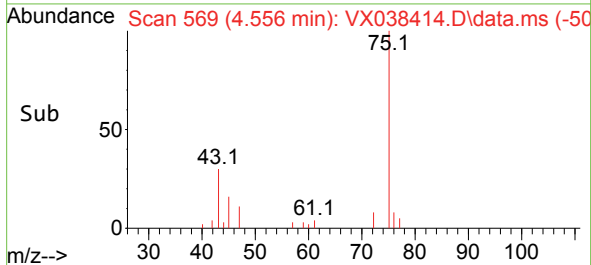
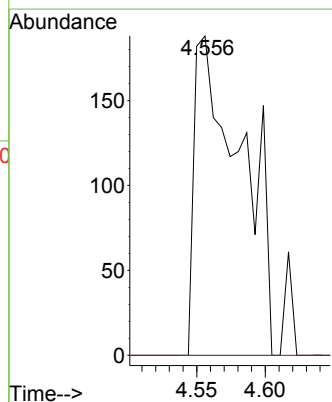
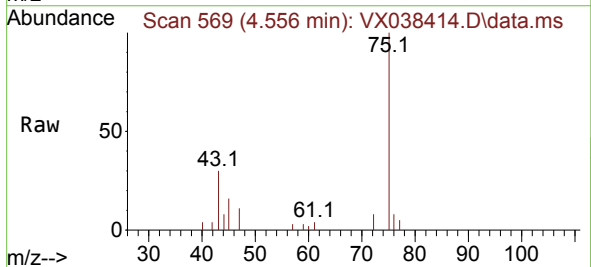
Instrument :
MSVOA_X
ClientSampleId :
1025

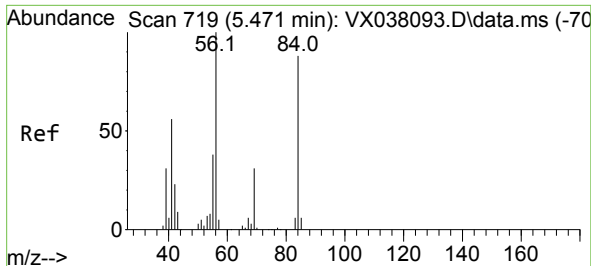
Tgt Ion: 43 Resp: 4434
Ion Ratio Lower Upper
43 100
72 28.6 19.4 29.2



#26
2,2-Dichloropropane
Concen: 0.218 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.079 min
Lab File: VX038414.D
Acq: 20 Oct 2023 19:45

Tgt Ion: 77 Resp: 450
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#

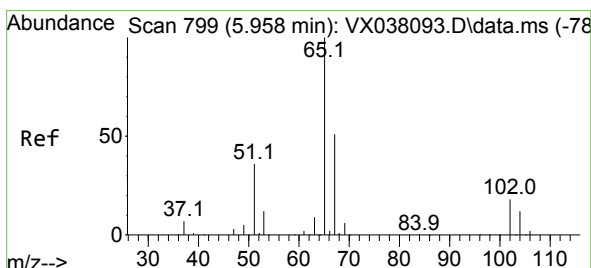
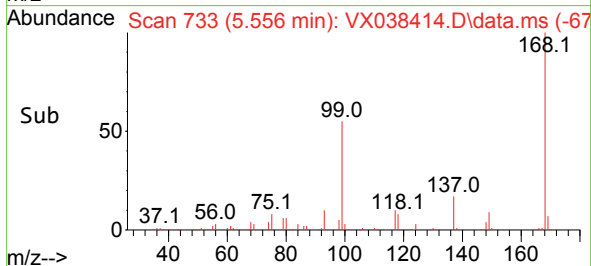
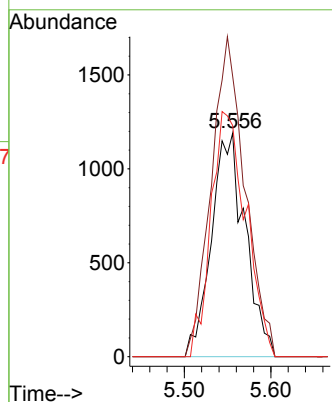
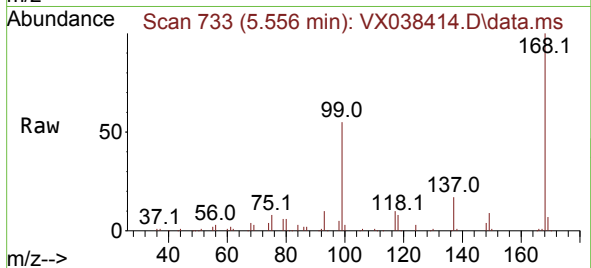




#31
Cyclohexane
Concen: 1.458 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX038414.D
Acq: 20 Oct 2023 19:45

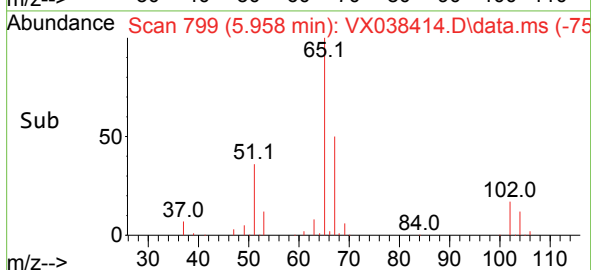
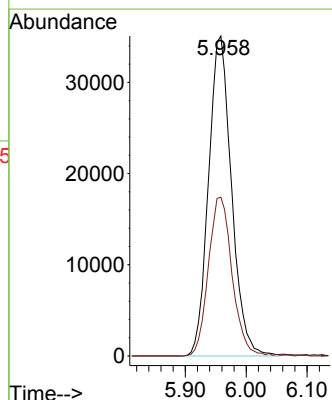
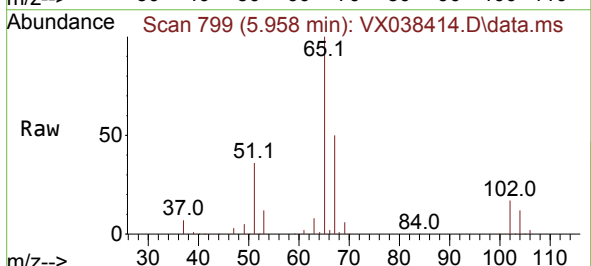
Instrument :
MSVOA_X
ClientSampleId :
1025

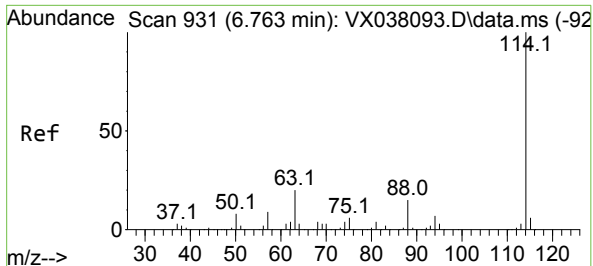
Tgt Ion: 56 Resp: 3222
Ion Ratio Lower Upper
56 100
69 125.5 23.4 35.2#
84 103.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.108 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038414.D
Acq: 20 Oct 2023 19:45

Tgt Ion: 65 Resp: 92033
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

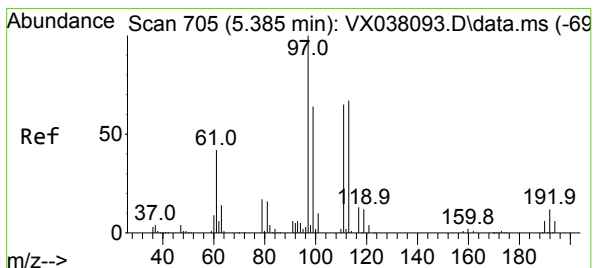
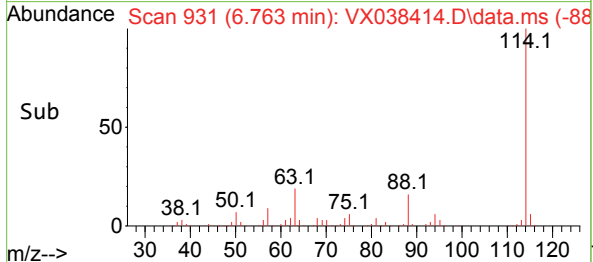
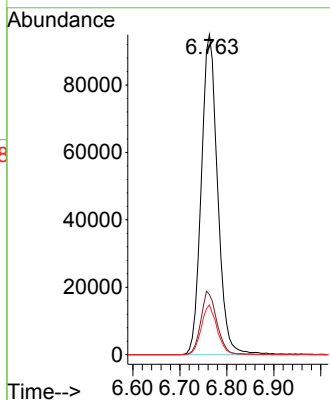
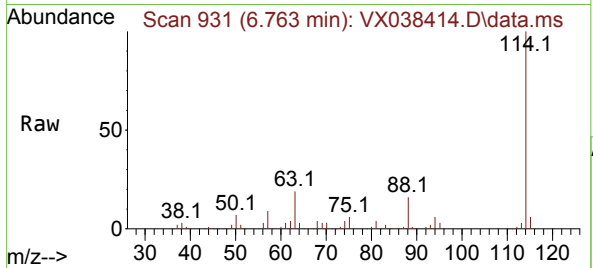




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038414.D
Acq: 20 Oct 2023 19:45

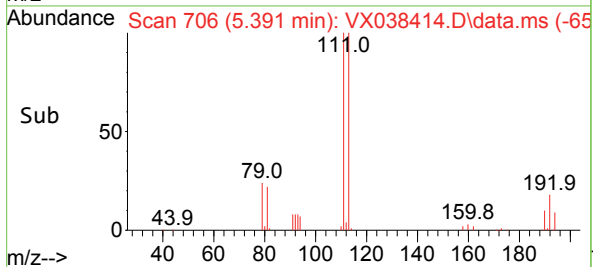
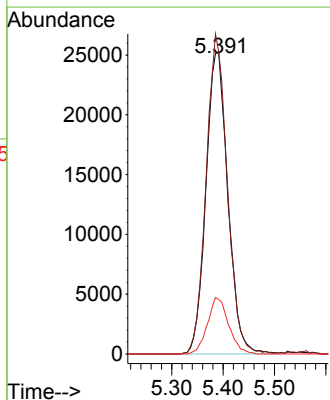
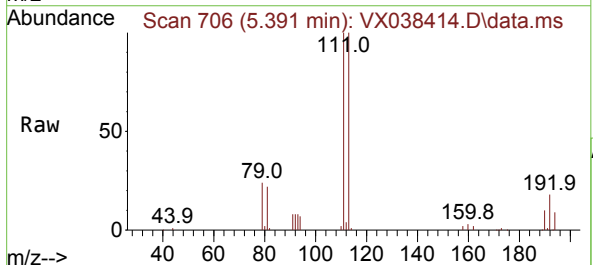
Instrument :
MSVOA_X
ClientSampleId :
1025

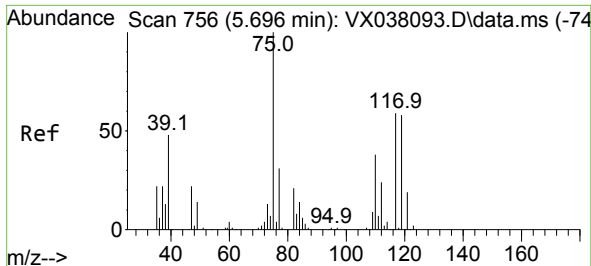
Tgt Ion:114 Resp: 228342
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.367 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038414.D
Acq: 20 Oct 2023 19:45

Tgt Ion:113 Resp: 74644
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 18.0 13.3 19.9

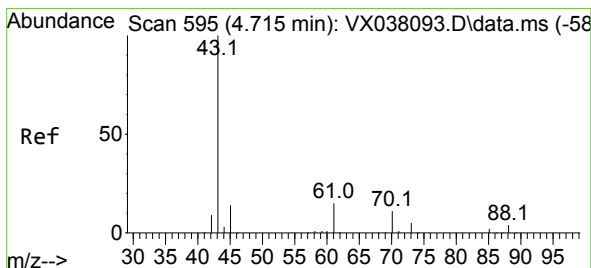
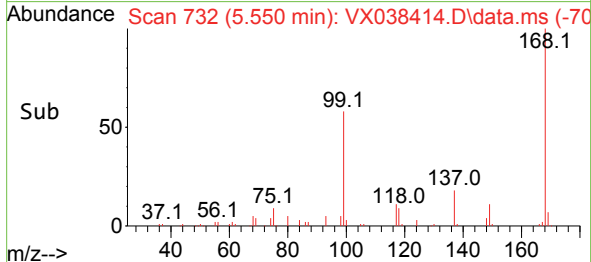
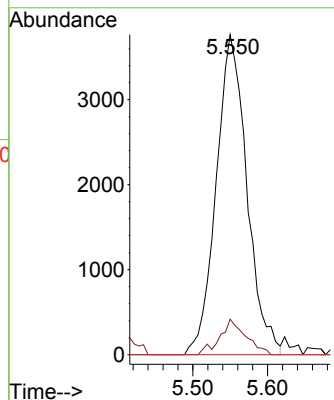
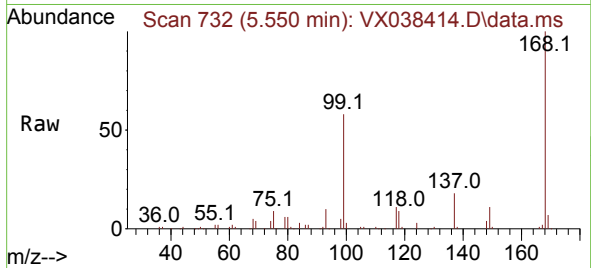




#36
1,1-Dichloropropene
Concen: 4.743 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX038414.D
Acq: 20 Oct 2023 19:45

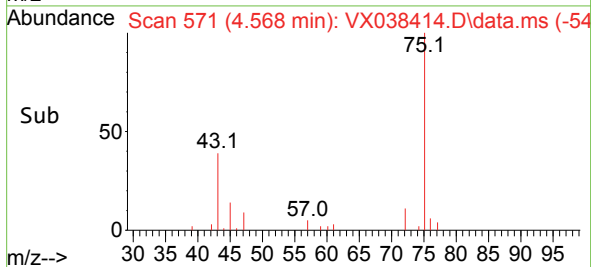
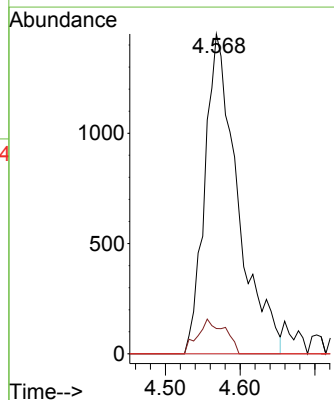
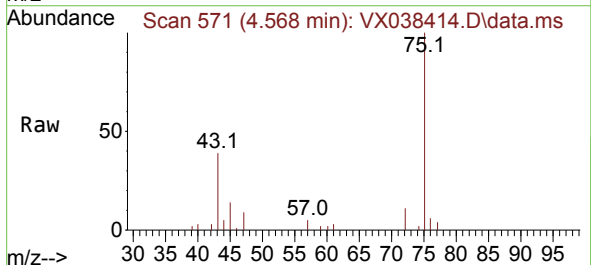
Instrument :
MSVOA_X
ClientSampleId :
1025

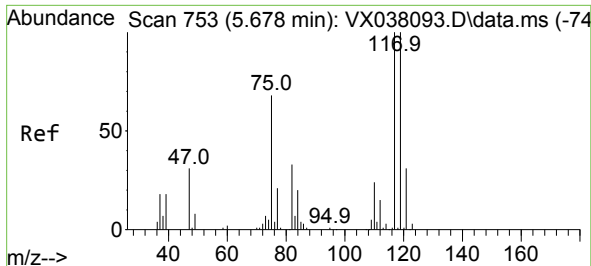
Tgt Ion: 75 Resp: 10761
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.645 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.147 min
Lab File: VX038414.D
Acq: 20 Oct 2023 19:45

Tgt Ion: 43 Resp: 4434
Ion Ratio Lower Upper
43 100
61 9.0 10.6 16.0#
70 0.0 8.3 12.5#

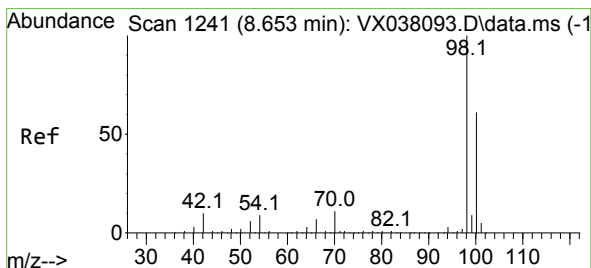
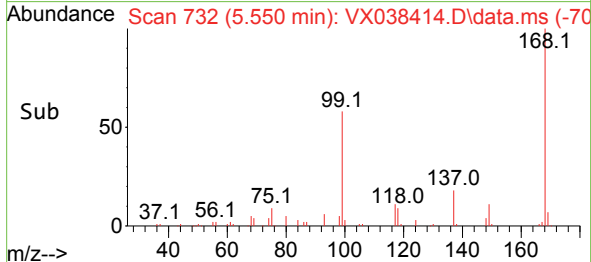
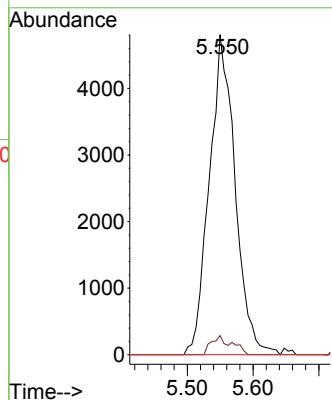
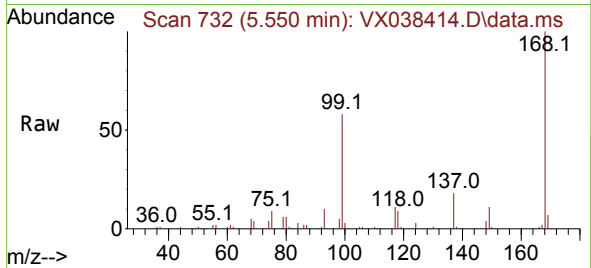




#38
Carbon Tetrachloride
Concen: 5.881 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038414.D
Acq: 20 Oct 2023 19:45

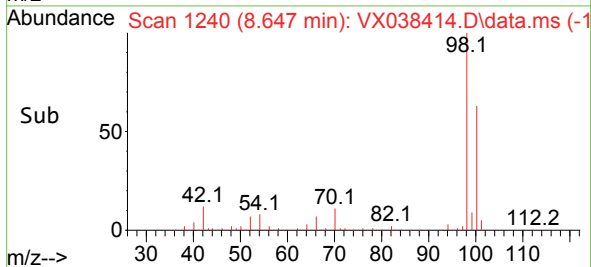
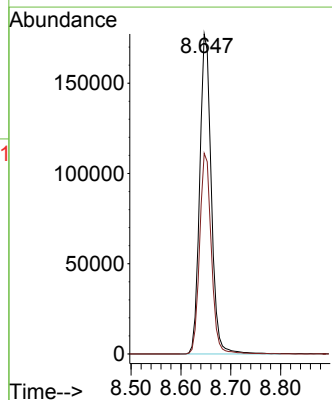
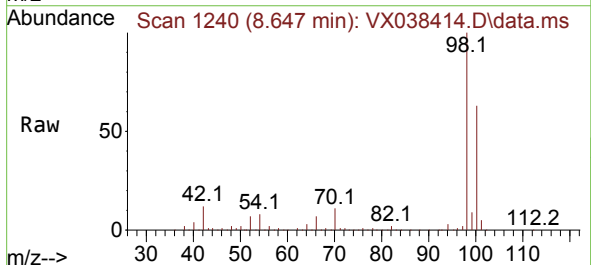
Instrument :
MSVOA_X
ClientSampleId :
1025

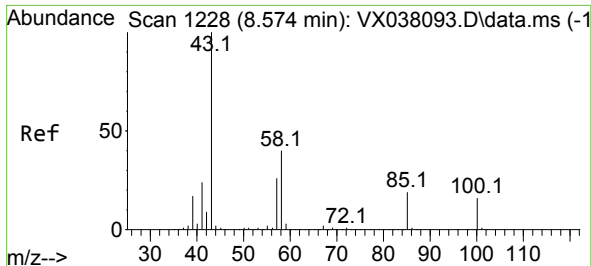
Tgt Ion:117 Resp: 13126
Ion Ratio Lower Upper
117 100
119 6.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.485 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038414.D
Acq: 20 Oct 2023 19:45

Tgt Ion: 98 Resp: 285976
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7

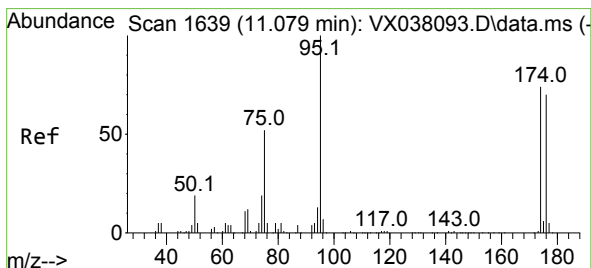
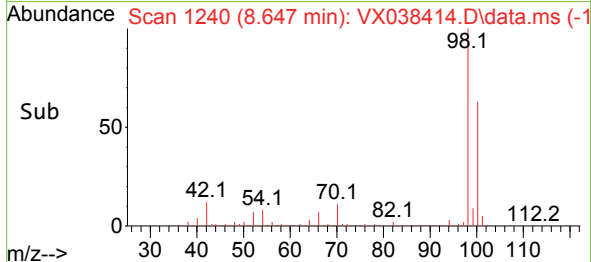
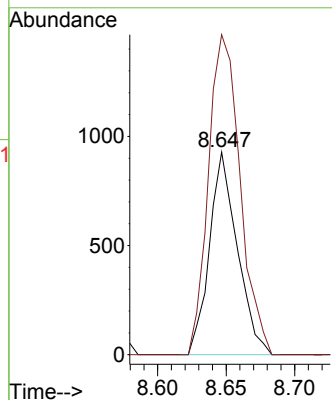
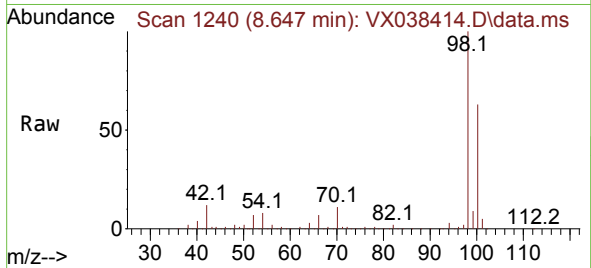




#51
4-Methyl-2-Pentanone
Concen: 0.473 ug/l
RT: 8.647 min Scan# 11025
Delta R.T. 0.073 min
Lab File: VX038414.D
Acq: 20 Oct 2023 19:45

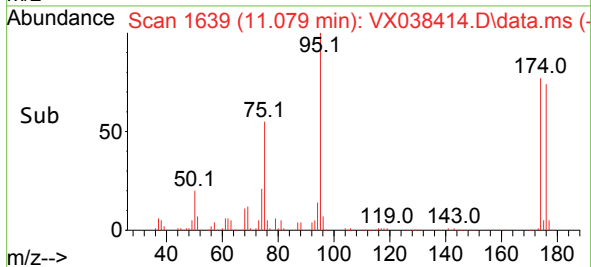
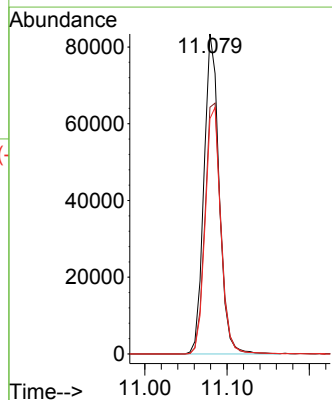
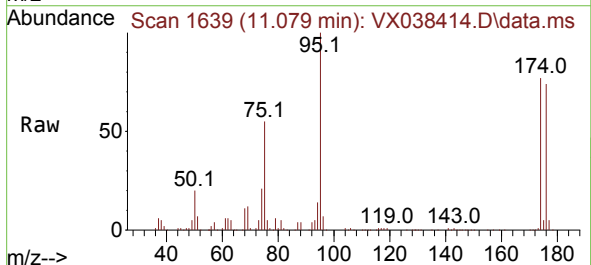
Instrument :
MSVOA_X
ClientSampleId :
1025

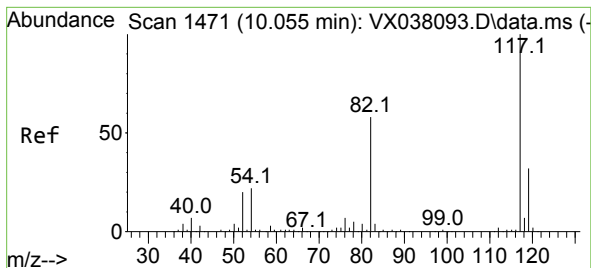
Tgt Ion: 43 Resp: 1312
Ion Ratio Lower Upper
43 100
58 180.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 44.857 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038414.D
Acq: 20 Oct 2023 19:45

Tgt Ion: 95 Resp: 106921
Ion Ratio Lower Upper
95 100
174 82.5 0.0 135.6
176 79.2 0.0 131.0

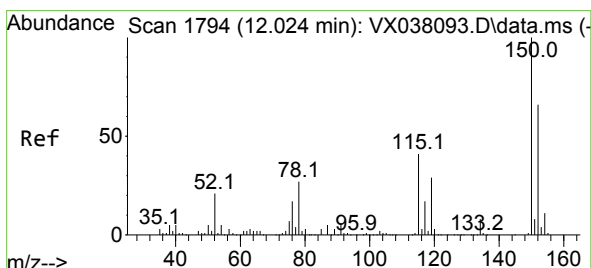
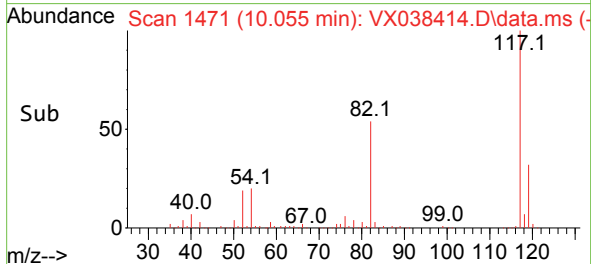
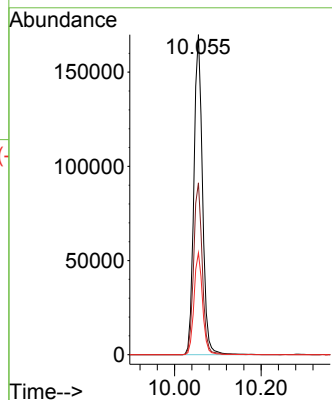
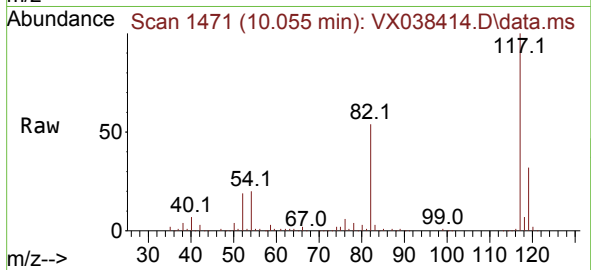




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038414.D
Acq: 20 Oct 2023 19:45

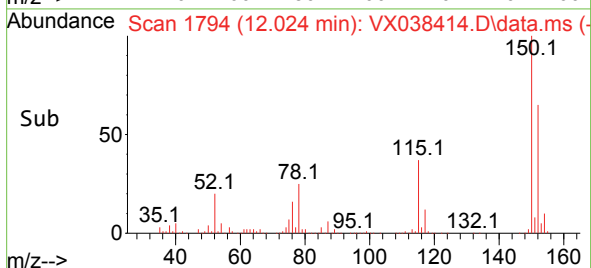
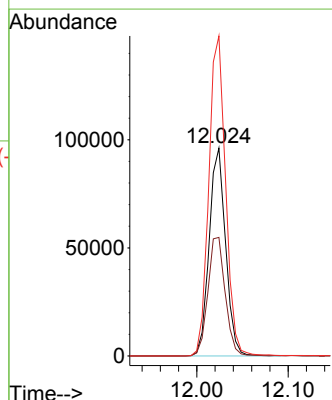
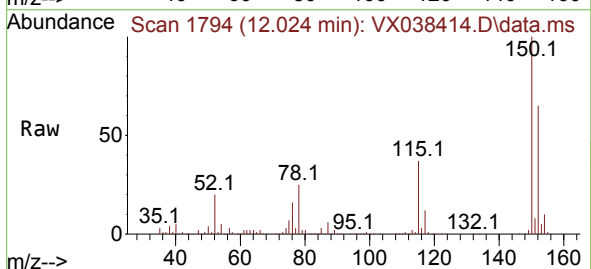
Instrument :
MSVOA_X
ClientSampleId :
1025

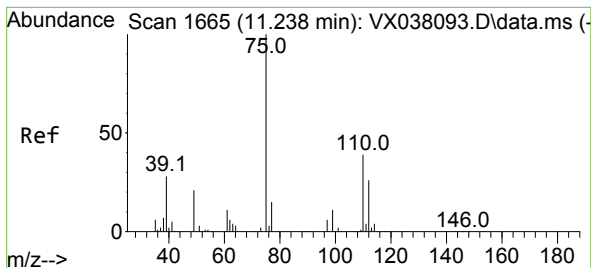
Tgt Ion:117 Resp: 233539
Ion Ratio Lower Upper
117 100
82 53.7 46.2 69.4
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038414.D
Acq: 20 Oct 2023 19:45

Tgt Ion:152 Resp: 120164
Ion Ratio Lower Upper
152 100
115 60.0 43.3 129.9
150 157.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.319 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038414.D

Acq: 20 Oct 2023 19:45

Instrument :

MSVOA_X

ClientSampleId :

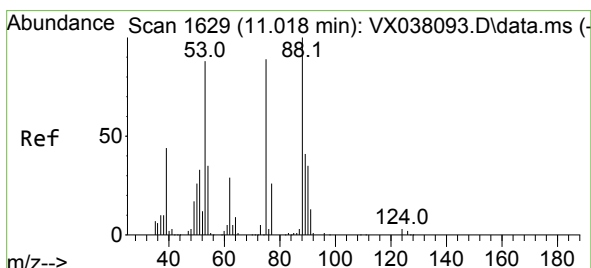
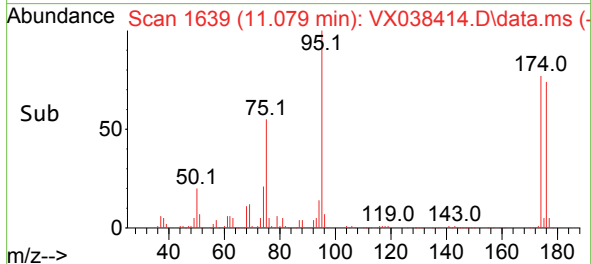
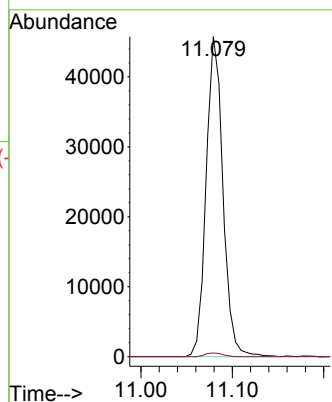
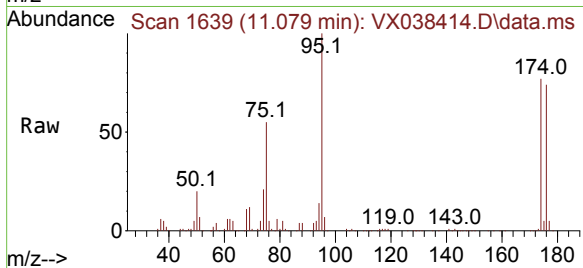
1025

Tgt Ion: 75 Resp: 58238

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.261 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038414.D

Acq: 20 Oct 2023 19:45

Tgt Ion: 75 Resp: 58238

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

