

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100923\
 Data File : VX038172.D
 Acq On : 09 Oct 2023 15:23
 Operator : JC/MD
 Sample : 04810-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 10 00:57:26 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)

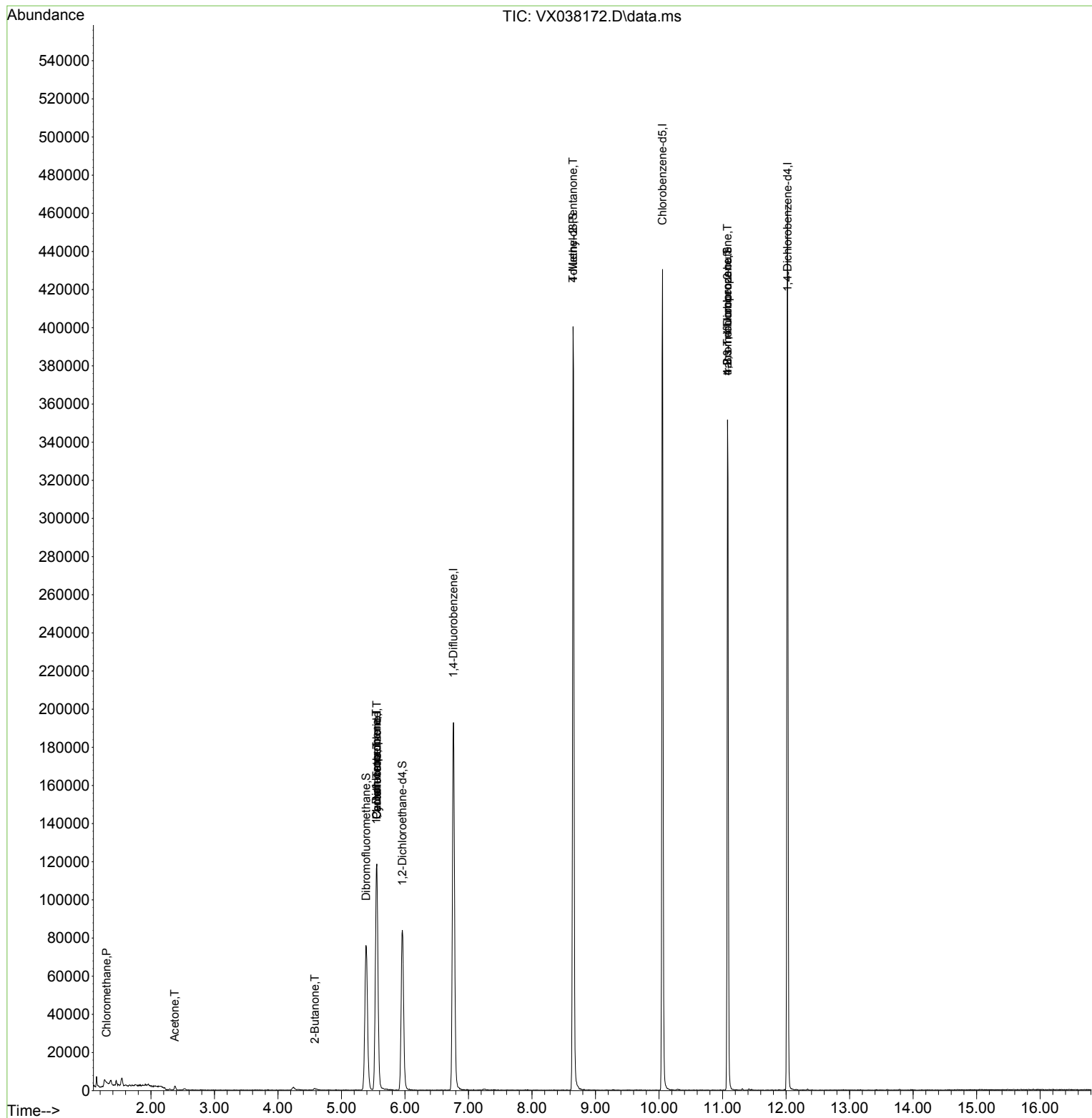
Internal Standards						
1) Pentafluorobenzene	5.556	168	110232	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	197033	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81895	46.190	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.380%
35) Dibromofluoromethane	5.385	113	65922	46.432	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.860%
50) Toluene-d8	8.647	98	242742	44.743	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.480%#
62) 4-Bromofluorobenzene	11.079	95	88398	42.979	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.960%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	342	0.315	ug/l	# 43
5) Bromomethane	1.544	94	23	Below Cal	#	3
6) Chloroethane	1.691	64	131	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	43	Below Cal	#	78
16) Acetone	2.374	43	2064	2.789	ug/l	# 89
25) 2-Butanone	4.580	43	1528	1.280	ug/l	95
31) Cyclohexane	5.556	56	2942	1.532	ug/l	# 23
36) 1,1-Dichloropropene	5.550	75	9214	4.706	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	11613	6.030	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	1160	0.485	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	48522	22.518	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	48522	64.481	ug/l	# 5

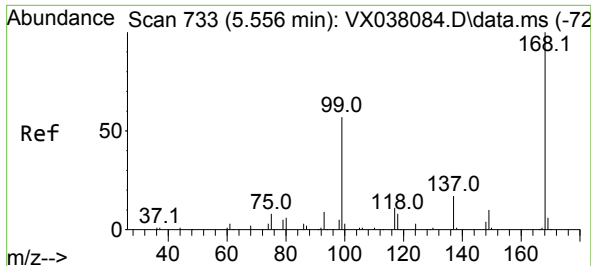
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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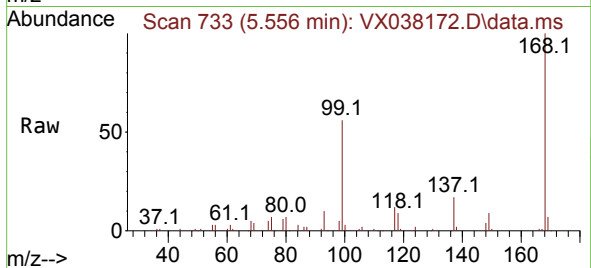
Quant Time: Oct 10 00:57:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
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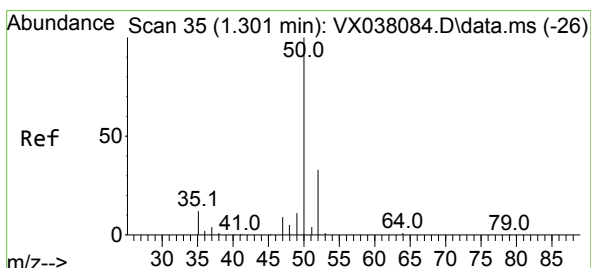
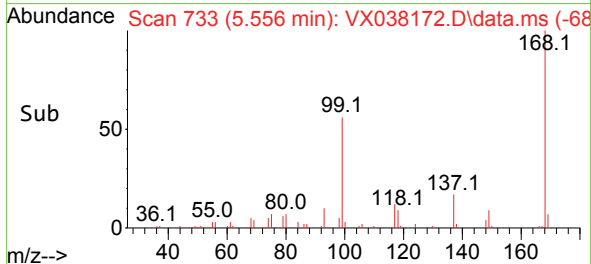
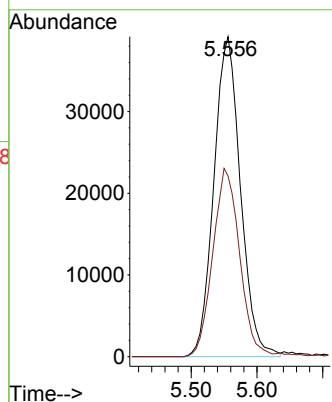


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038172.D
Acq: 09 Oct 2023 15:23

Instrument :
MSVOA_X
ClientSampleId :

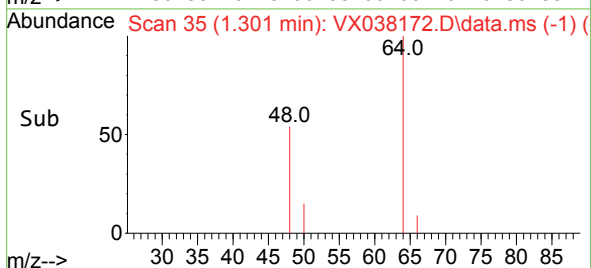
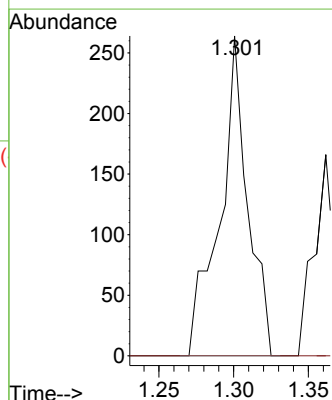
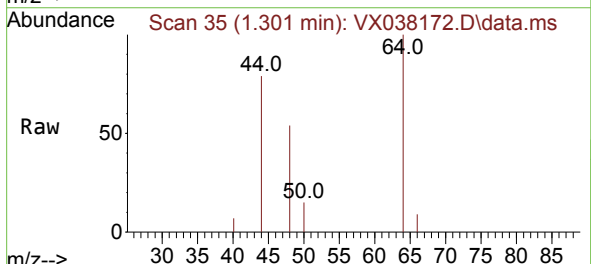


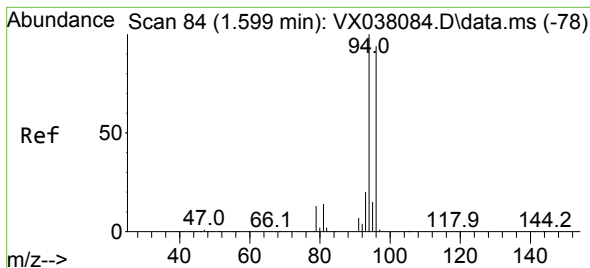
Tgt Ion:168 Resp: 110232
Ion Ratio Lower Upper
168 100
99 56.5 56.6 85.0#



#3
Chloromethane
Concen: 0.315 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX038172.D
Acq: 09 Oct 2023 15:23

Tgt Ion: 50 Resp: 342
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#





#5

Bromomethane

Concen: Below Cal

RT: 1.544 min Scan# 71

Delta R.T. -0.055 min

Lab File: VX038172.D

Acq: 09 Oct 2023 15:23

Instrument :

MSVOA_X

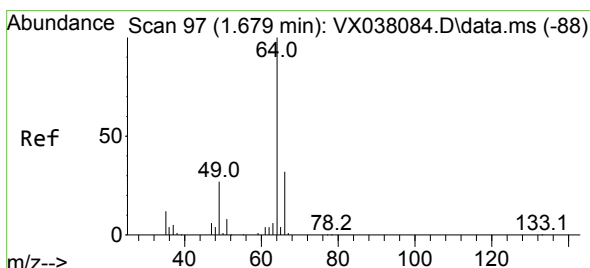
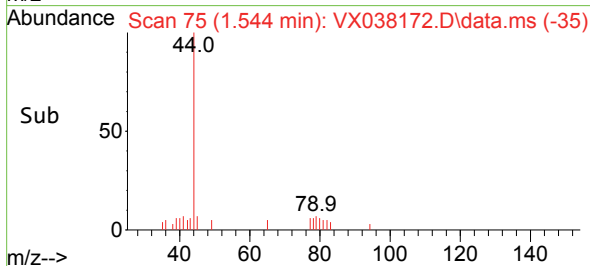
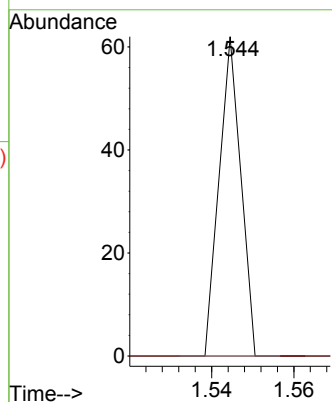
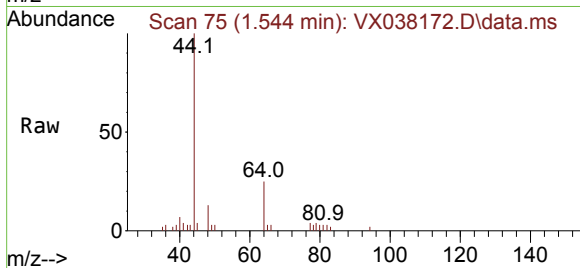
ClientSampleId :

Tgt Ion: 94 Resp: 23

Ion Ratio Lower Upper

94 100

96 0.0 74.6 111.8#



#6

Chloroethane

Concen: Below Cal

RT: 1.691 min Scan# 99

Delta R.T. 0.012 min

Lab File: VX038172.D

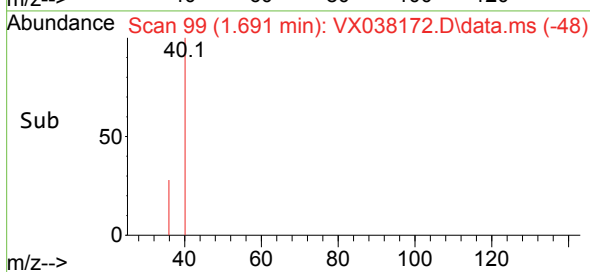
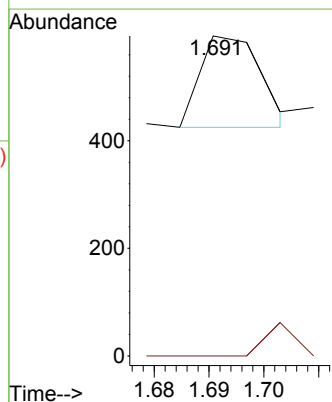
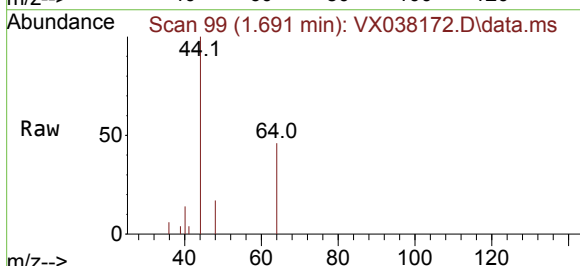
Acq: 09 Oct 2023 15:23

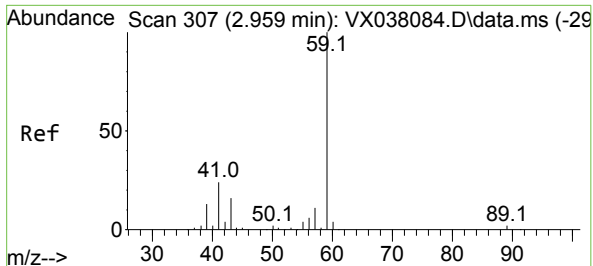
Tgt Ion: 64 Resp: 131

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# 307

Delta R.T. -0.006 min

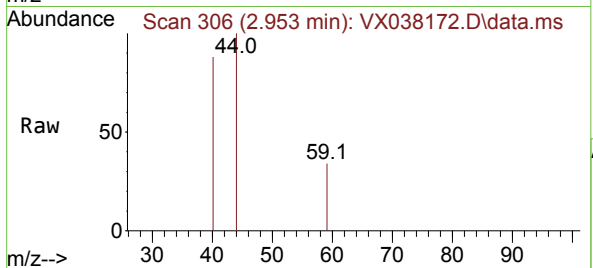
Lab File: VX038172.D

Acq: 09 Oct 2023 15:23

Instrument :

MSVOA_X

ClientSampleId :

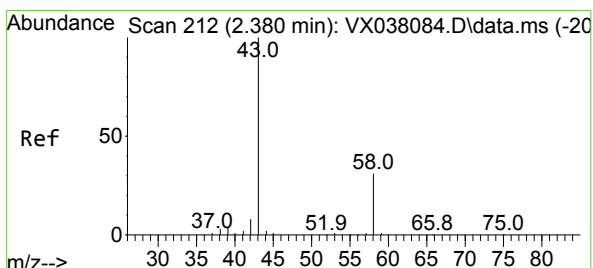
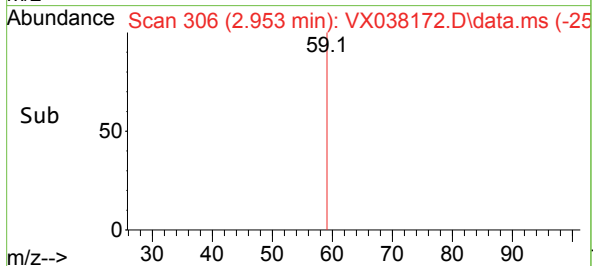
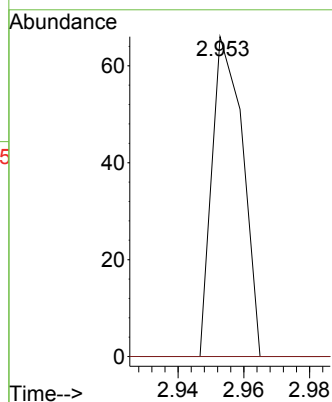


Tgt Ion: 59 Resp: 43

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 2.789 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX038172.D

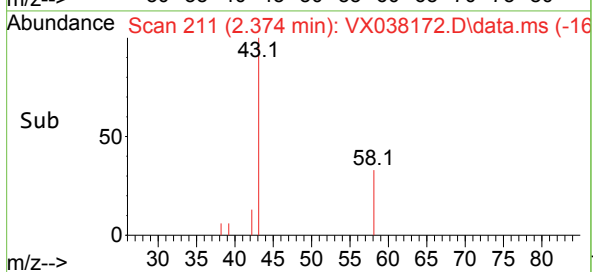
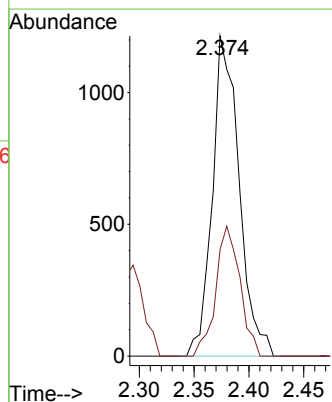
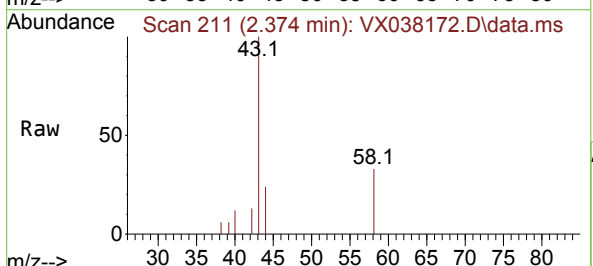
Acq: 09 Oct 2023 15:23

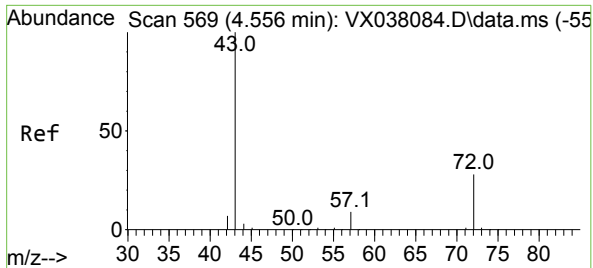
Tgt Ion: 43 Resp: 2064

Ion Ratio Lower Upper

43 100

58 33.3 21.9 32.9#

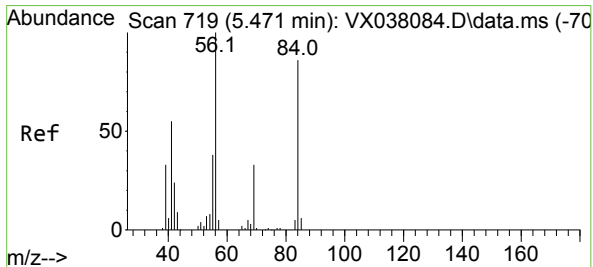
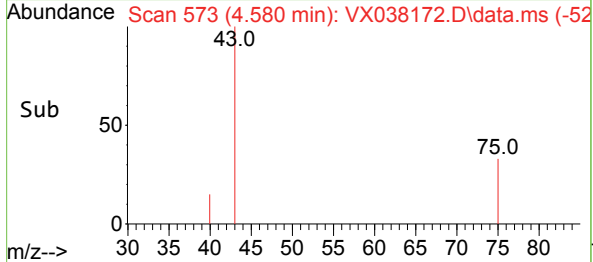
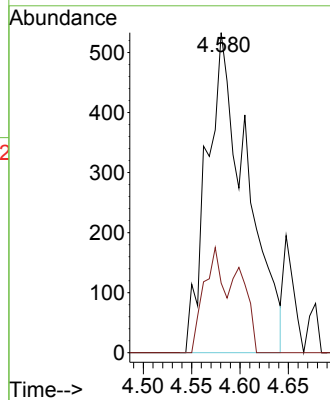
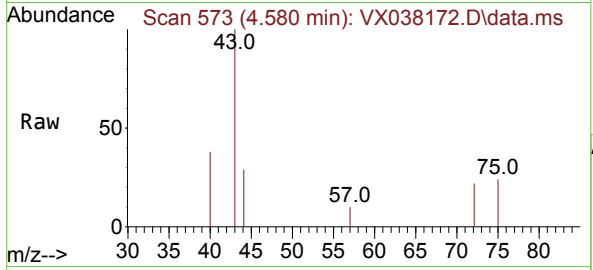




#25
2-Butanone
Concen: 1.280 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX038172.D
Acq: 09 Oct 2023 15:23

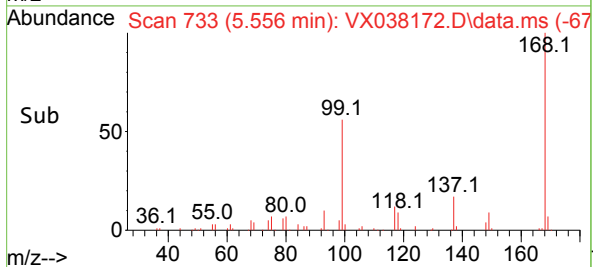
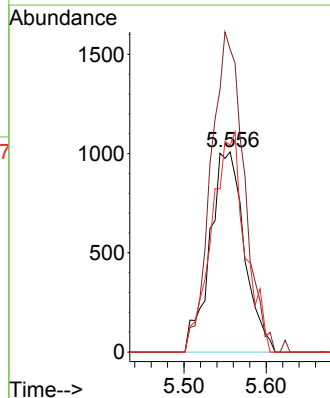
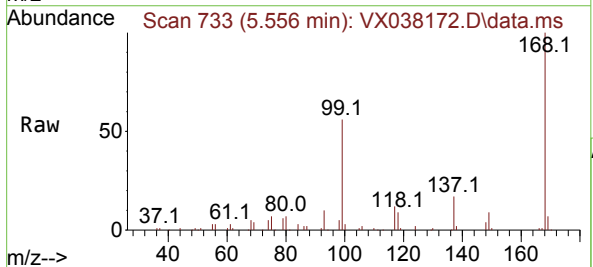
Instrument :
MSVOA_X
ClientSampleId :

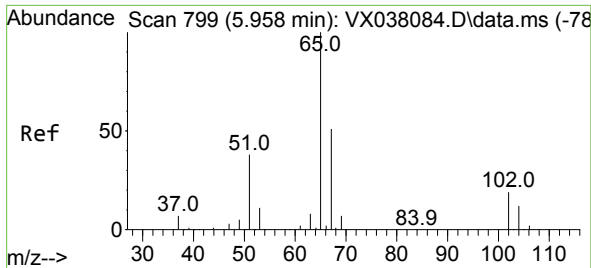
Tgt Ion: 43 Resp: 1528
Ion Ratio Lower Upper
43 100
72 21.8 19.4 29.2



#31
Cyclohexane
Concen: 1.532 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX038172.D
Acq: 09 Oct 2023 15:23

Tgt Ion: 56 Resp: 2942
Ion Ratio Lower Upper
56 100
69 151.4 23.4 35.2#
84 103.4 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.190 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038172.D

Acq: 09 Oct 2023 15:23

Instrument :

MSVOA_X

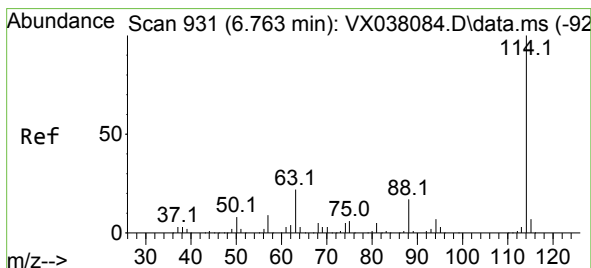
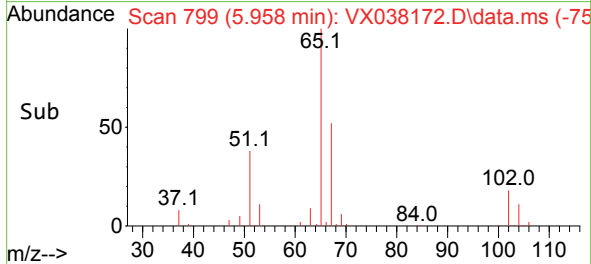
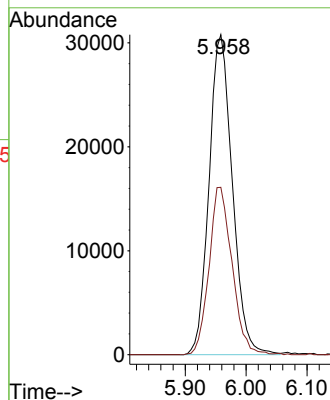
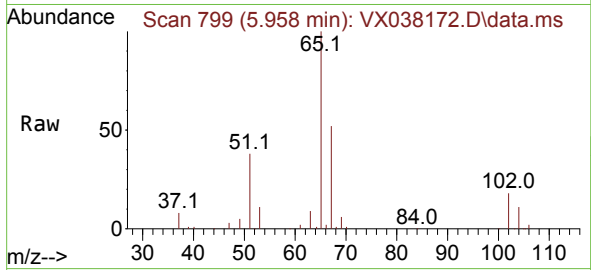
ClientSampleId :

Tgt Ion: 65 Resp: 81895

Ion Ratio Lower Upper

65 100

67 51.6 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: VX038172.D

Acq: 09 Oct 2023 15:23

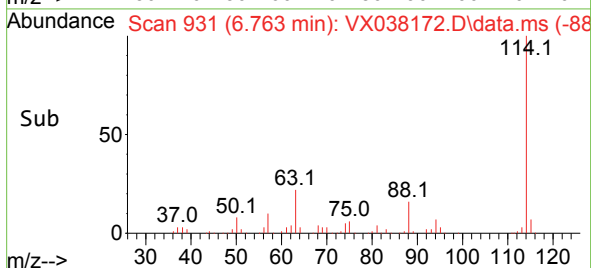
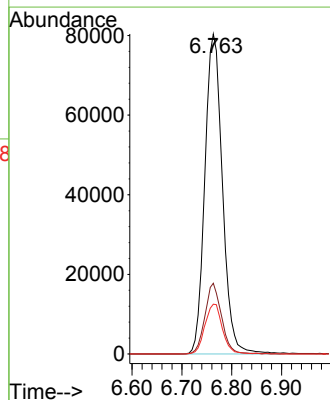
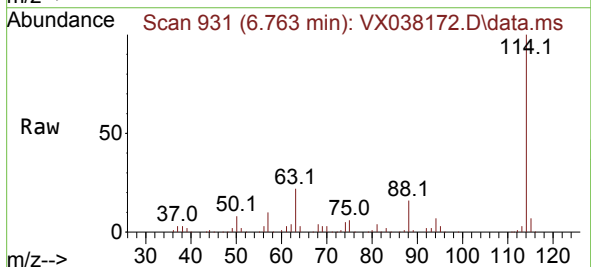
Tgt Ion: 114 Resp: 197033

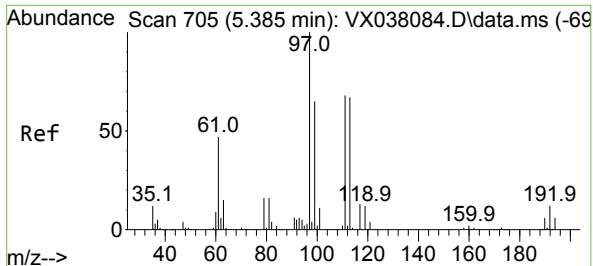
Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.0

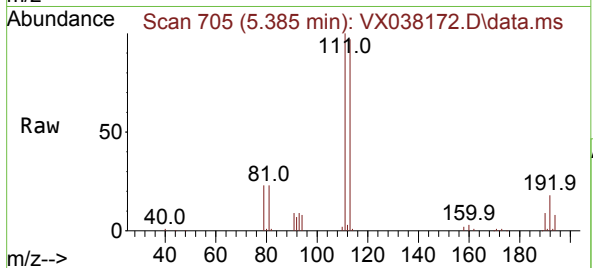
88 15.6 0.0 36.6



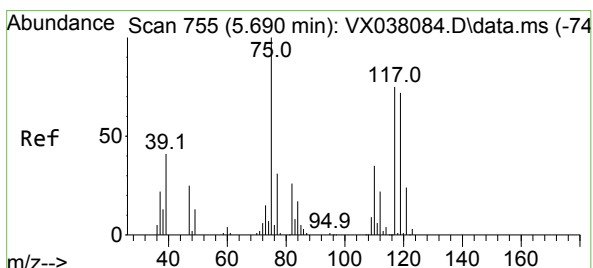
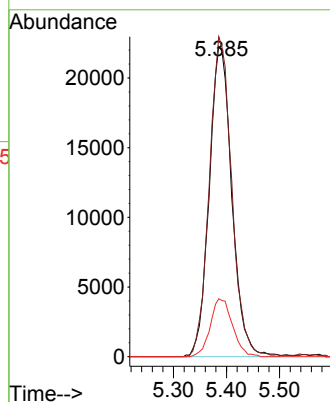
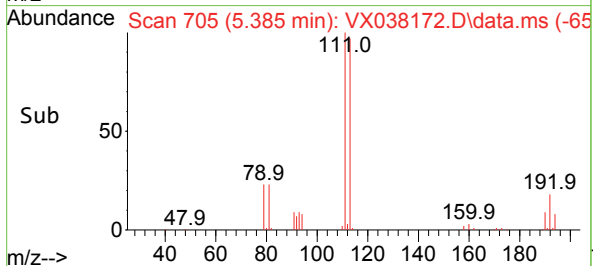


#35
Dibromofluoromethane
Concen: 46.432 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038172.D
Acq: 09 Oct 2023 15:23

Instrument :
MSVOA_X
ClientSampleId :

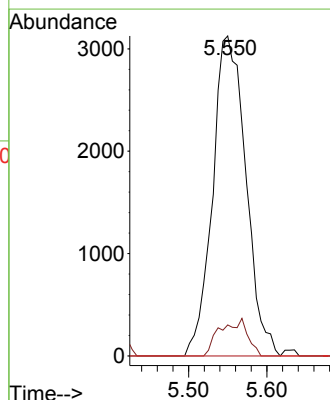
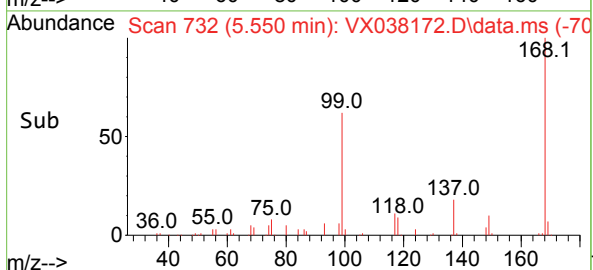
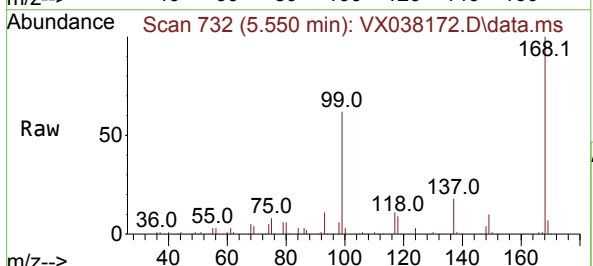


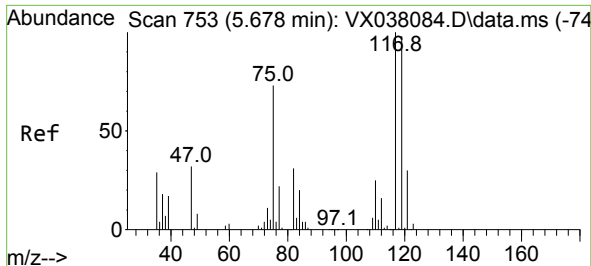
Tgt Ion:113 Resp: 65922
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 18.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.706 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038172.D
Acq: 09 Oct 2023 15:23

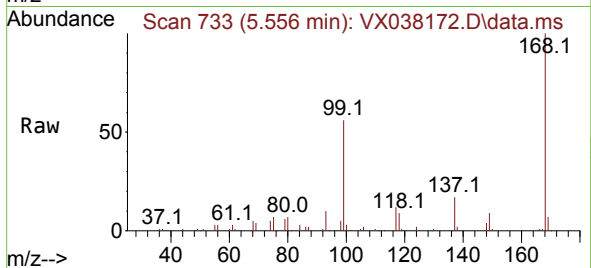
Tgt Ion: 75 Resp: 9214
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



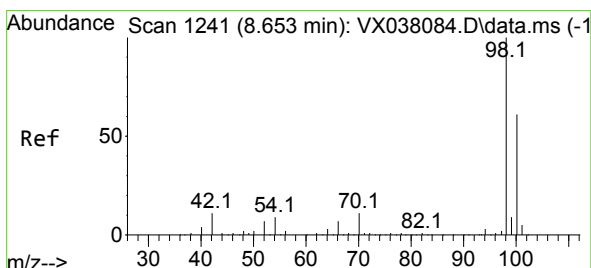
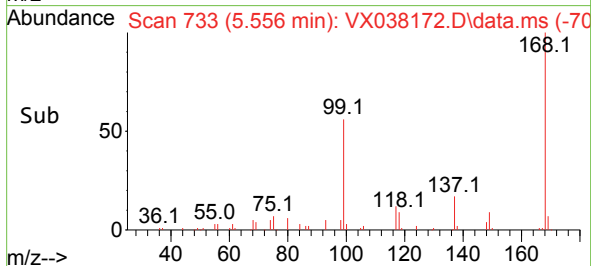
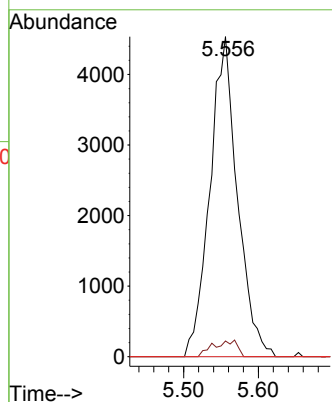


#38
Carbon Tetrachloride
Concen: 6.030 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX038172.D
Acq: 09 Oct 2023 15:23

Instrument :
MSVOA_X
ClientSampleId :

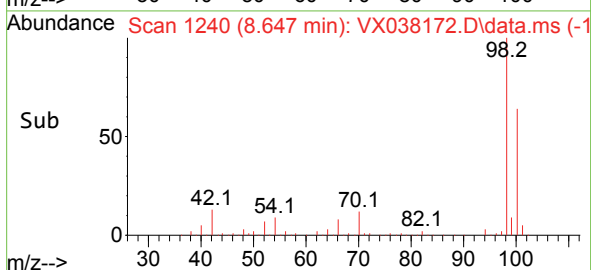
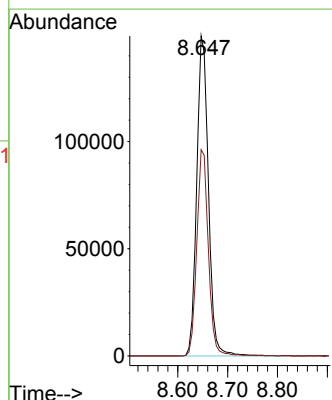
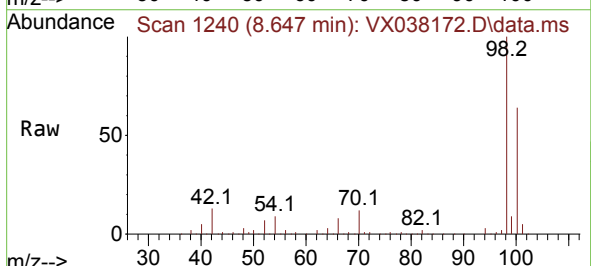


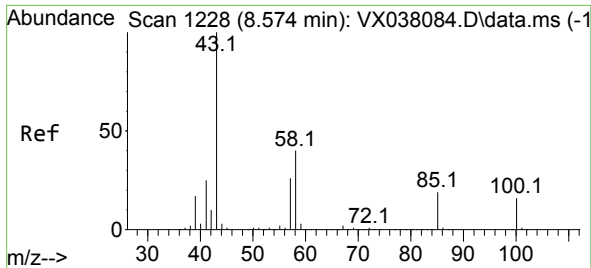
Tgt Ion:117 Resp: 11613
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 44.743 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038172.D
Acq: 09 Oct 2023 15:23

Tgt Ion: 98 Resp: 242742
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7

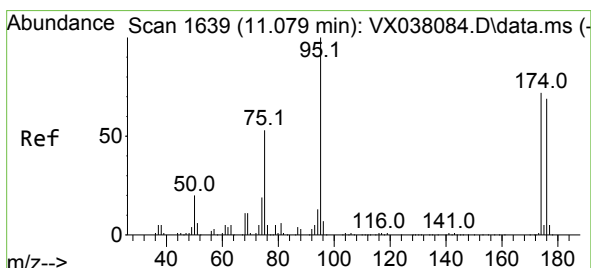
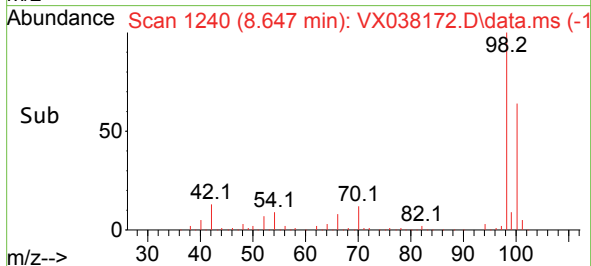
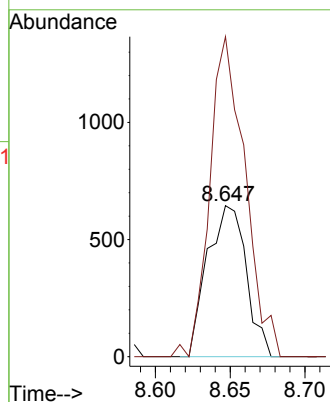
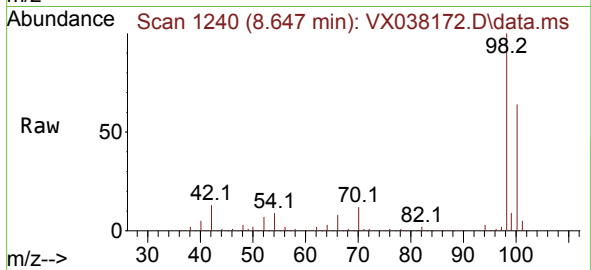




#51
4-Methyl-2-Pentanone
Concen: 0.485 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038172.D
Acq: 09 Oct 2023 15:23

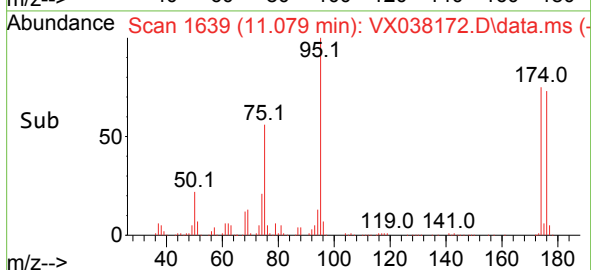
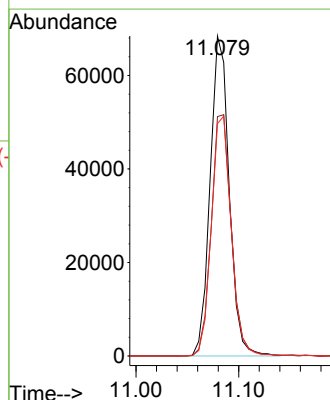
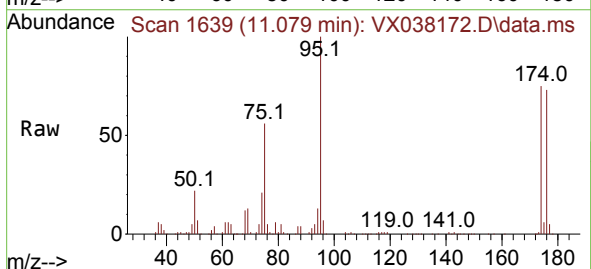
Instrument :
MSVOA_X
ClientSampleId :

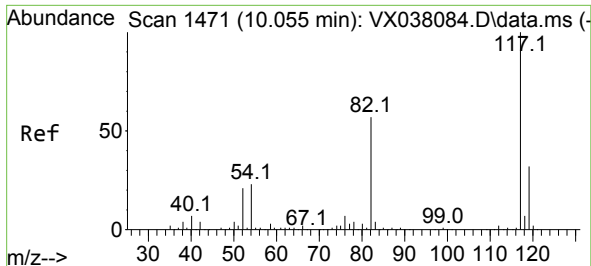
Tgt Ion: 43 Resp: 1160
Ion Ratio Lower Upper
43 100
58 193.4 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 42.979 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038172.D
Acq: 09 Oct 2023 15:23

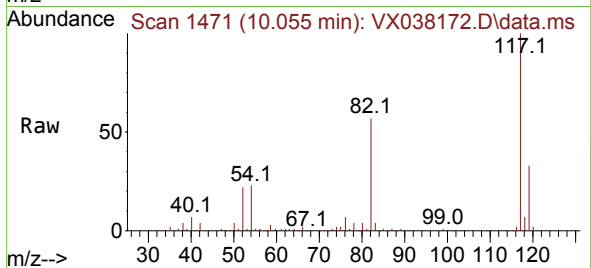
Tgt Ion: 95 Resp: 88398
Ion Ratio Lower Upper
95 100
174 79.5 0.0 135.6
176 78.0 0.0 131.0



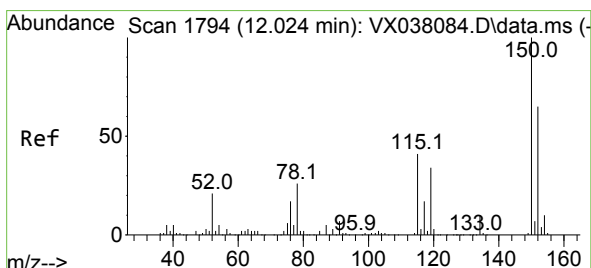
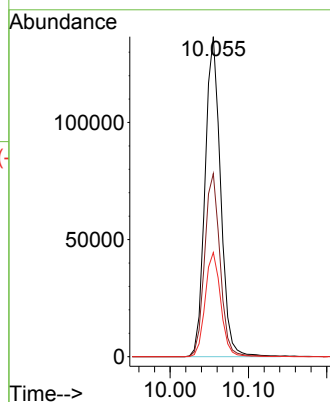
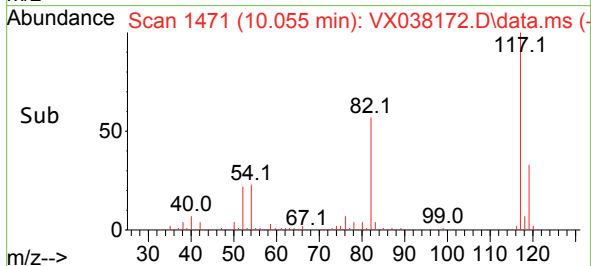


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038172.D
Acq: 09 Oct 2023 15:23

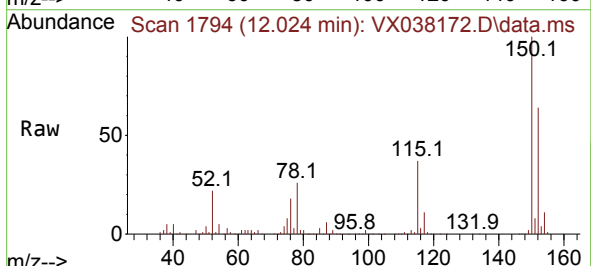
Instrument :
MSVOA_X
ClientSampleId :



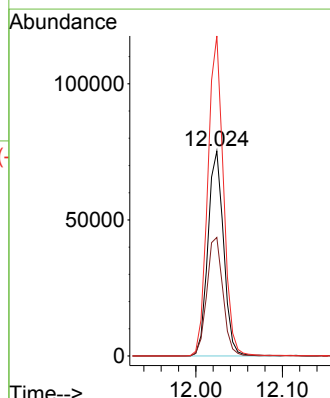
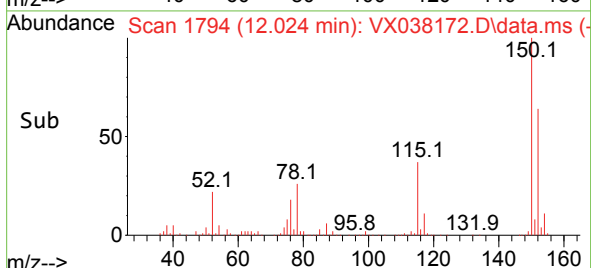
Tgt Ion:117 Resp: 188040
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 32.5 25.5 38.3

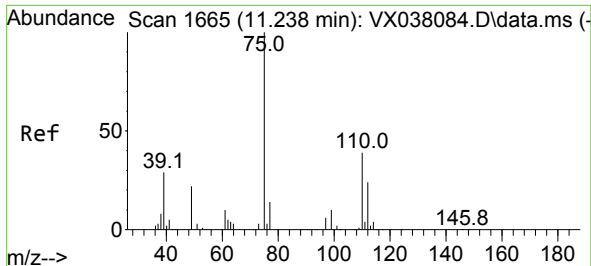


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038172.D
Acq: 09 Oct 2023 15:23



Tgt Ion:152 Resp: 94784
Ion Ratio Lower Upper
152 100
115 59.5 43.3 129.9
150 156.2 0.0 345.0

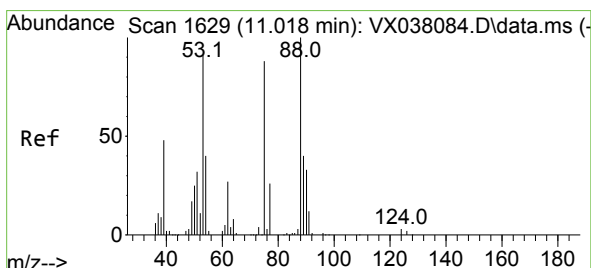
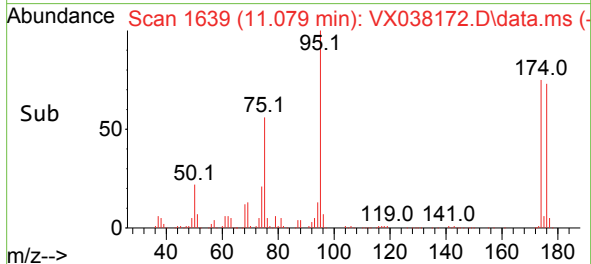
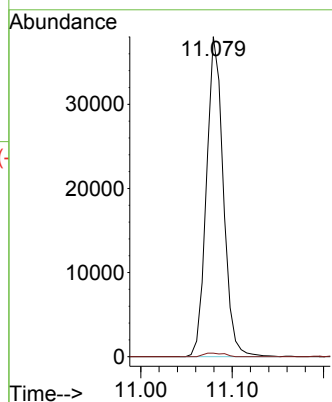
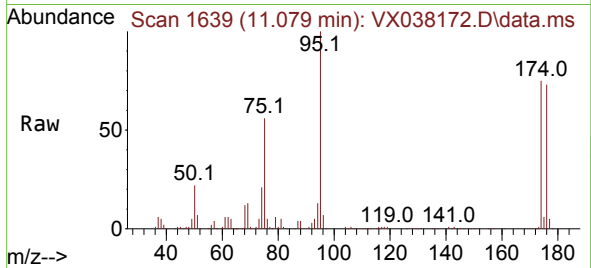




#76
1,2,3-Trichloropropane
Concen: 22.518 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038172.D
Acq: 09 Oct 2023 15:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 48522
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.481 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038172.D
Acq: 09 Oct 2023 15:23

Tgt Ion: 75 Resp: 48522
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

