

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100923\
 Data File : VX038171.D
 Acq On : 09 Oct 2023 15:00
 Operator : JC/MD
 Sample : 04810-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 10 00:57:00 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)

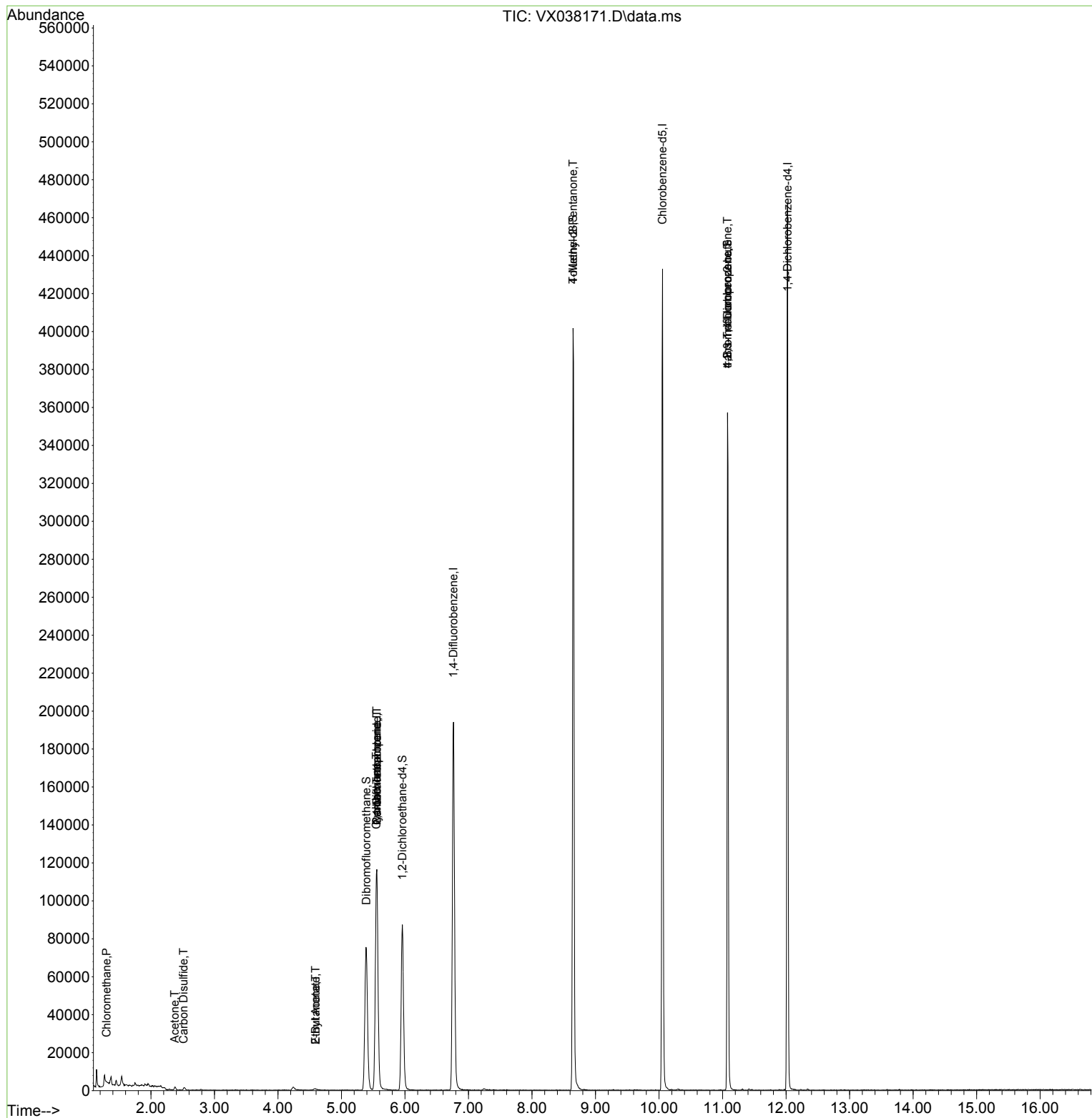
Internal Standards						
1) Pentafluorobenzene	5.556	168	110758	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	197359	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82063	46.065	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.120%
35) Dibromofluoromethane	5.391	113	64587	45.417	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.840%
50) Toluene-d8	8.647	98	243634	44.834	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.660%#
62) 4-Bromofluorobenzene	11.079	95	90560	43.958	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.920%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	286	0.262	ug/l	# 43
5) Bromomethane	1.624	94	27	Below Cal	#	3
6) Chloroethane	1.685	64	260	Below Cal		94
11) Tert butyl alcohol	2.947	59	27	Below Cal	#	78
16) Acetone	2.374	43	1867	2.511	ug/l	94
17) Carbon Disulfide	2.514	76	736	0.252	ug/l	99
25) 2-Butanone	4.593	43	1489	1.241	ug/l	94
31) Cyclohexane	5.550	56	2807	1.454	ug/l	# 29
36) 1,1-Dichloropropene	5.556	75	9559	4.874	ug/l	# 50
37) Ethyl Acetate	4.593	43	1489	0.639	ug/l	# 69
38) Carbon Tetrachloride	5.556	117	11828	6.131	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	1115	0.465	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	49826	22.793	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	49826	65.218	ug/l	# 5

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

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Sample : 04810-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

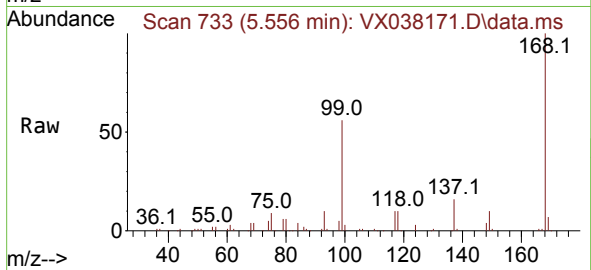
Quant Time: Oct 10 00:57:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



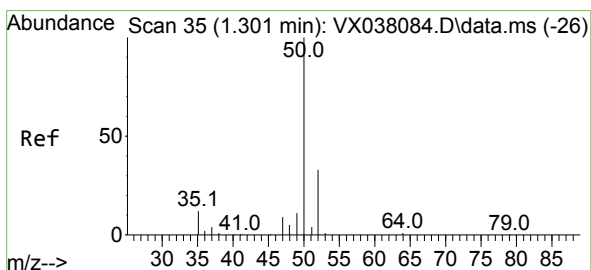
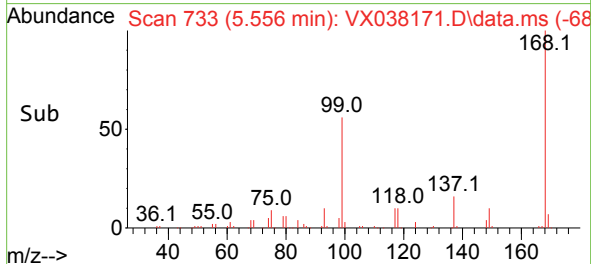
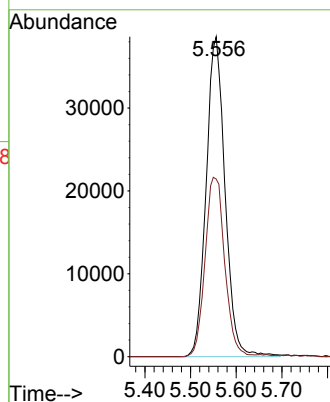


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038171.D
Acq: 09 Oct 2023 15:00

Instrument :
MSVOA_X
ClientSampleId :

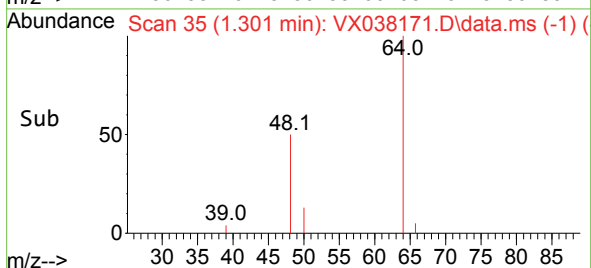
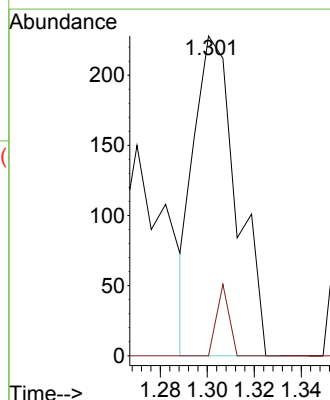
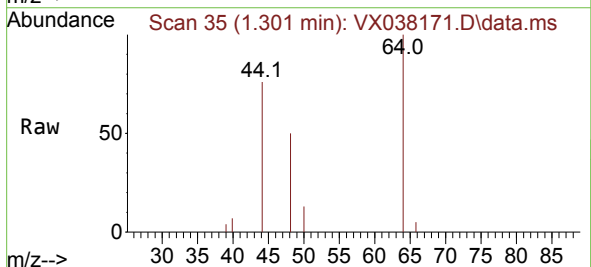


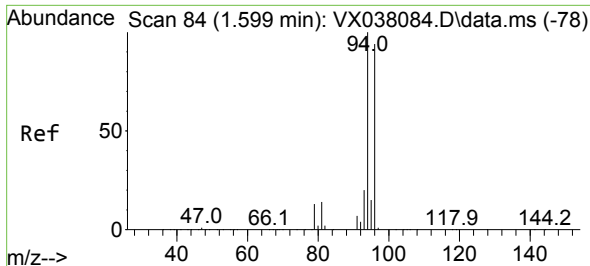
Tgt Ion:168 Resp: 110758
Ion Ratio Lower Upper
168 100
99 55.5 56.6 85.0#



#3
Chloromethane
Concen: 0.262 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX038171.D
Acq: 09 Oct 2023 15:00

Tgt Ion: 50 Resp: 286
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

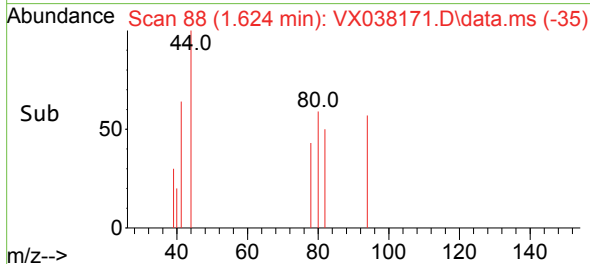
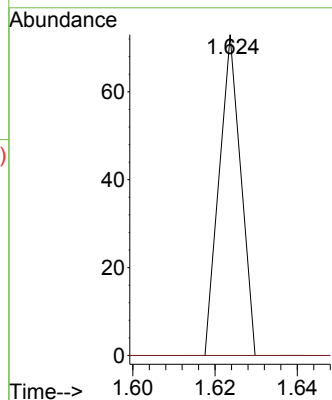
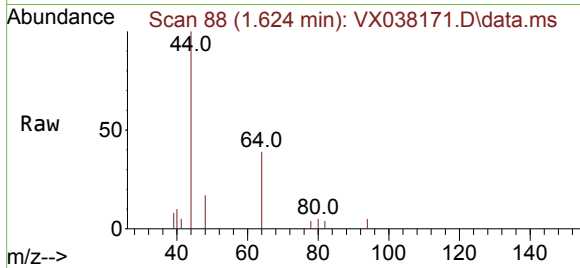




#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 81
Delta R.T. 0.025 min
Lab File: VX038171.D
Acq: 09 Oct 2023 15:00

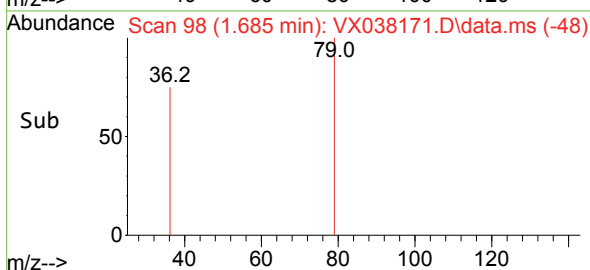
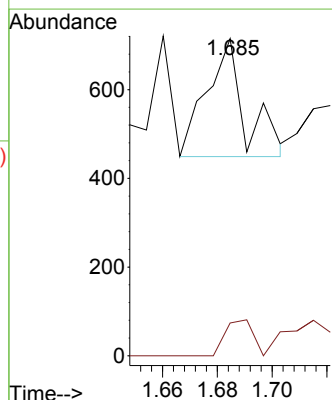
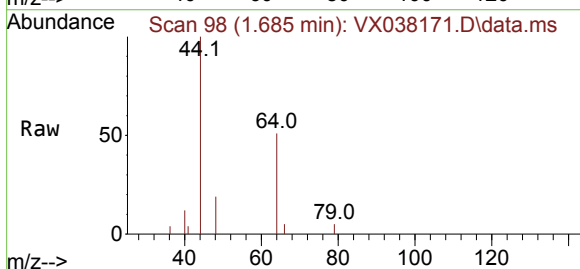
Instrument :
MSVOA_X
ClientSampleId :

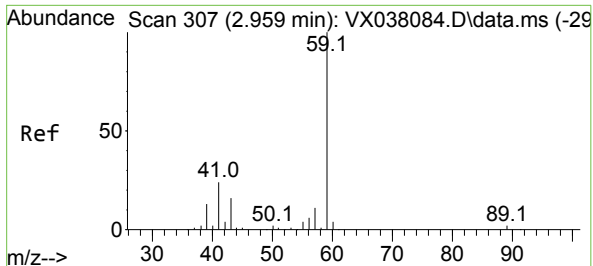
Tgt Ion: 94 Resp: 27
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX038171.D
Acq: 09 Oct 2023 15:00

Tgt Ion: 64 Resp: 260
Ion Ratio Lower Upper
64 100
66 27.8 25.1 37.7





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX038171.D

Acq: 09 Oct 2023 15:00

Instrument :

MSVOA_X

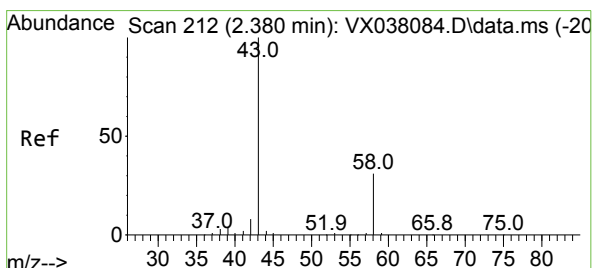
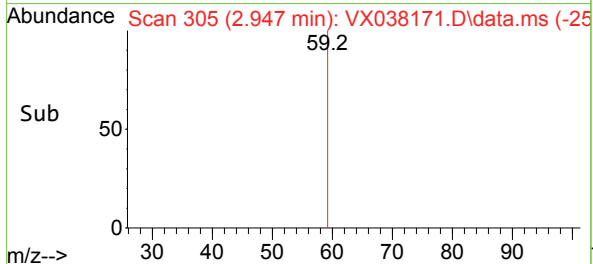
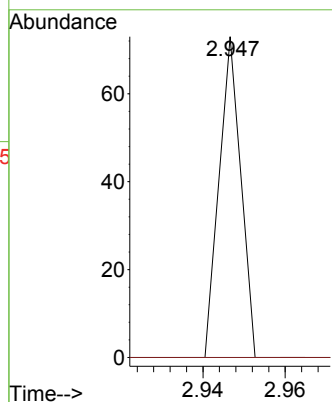
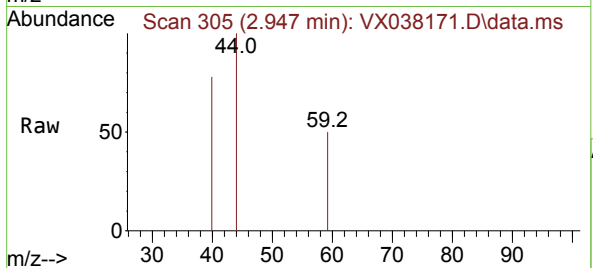
ClientSampleId :

Tgt Ion: 59 Resp: 27

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 2.511 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX038171.D

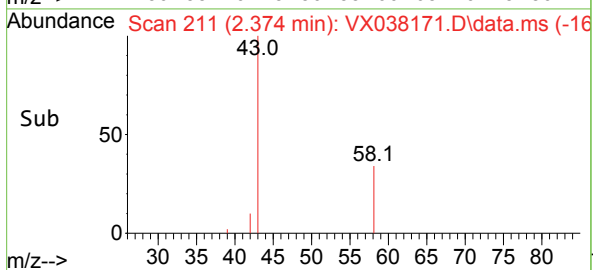
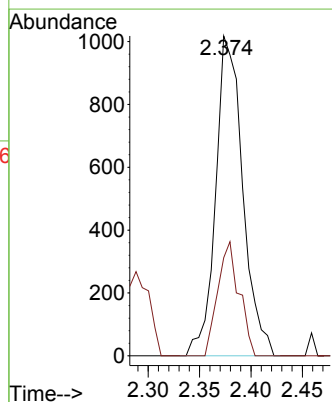
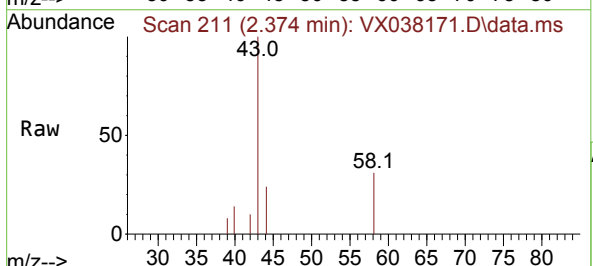
Acq: 09 Oct 2023 15:00

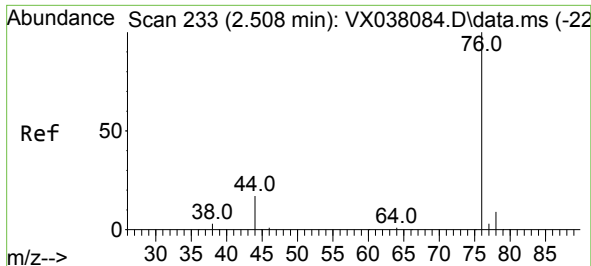
Tgt Ion: 43 Resp: 1867

Ion Ratio Lower Upper

43 100

58 30.6 21.9 32.9

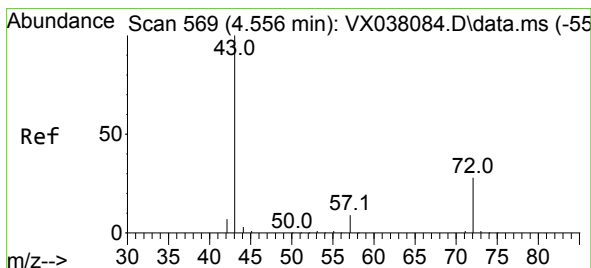
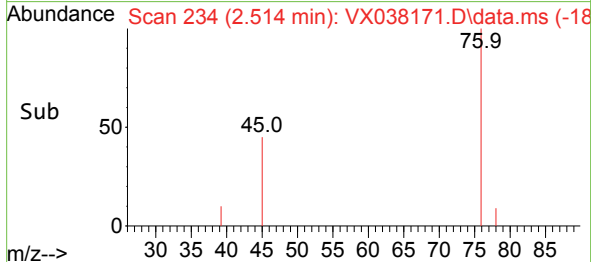
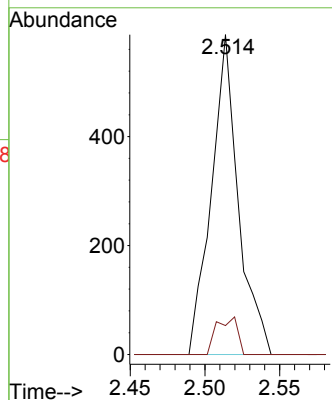
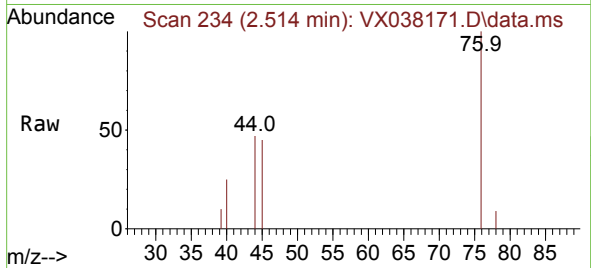




#17
Carbon Disulfide
Concen: 0.252 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038171.D
Acq: 09 Oct 2023 15:00

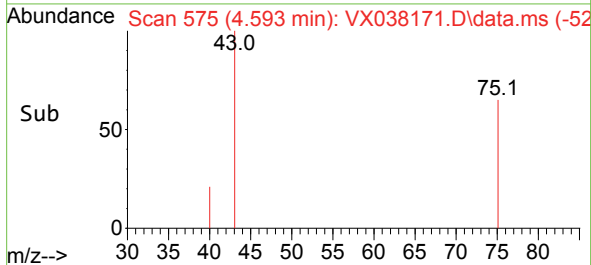
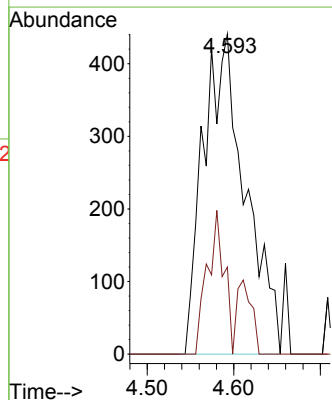
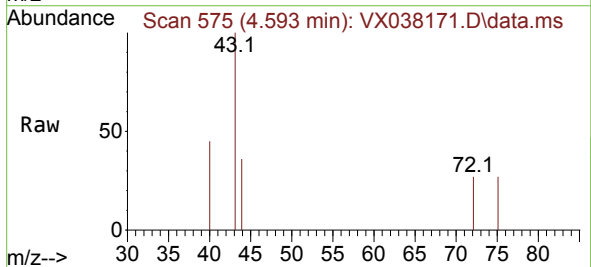
Instrument :
MSVOA_X
ClientSampleId :

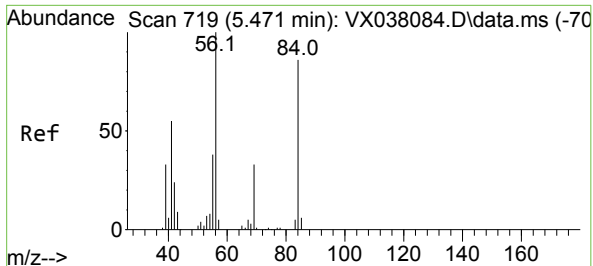
Tgt Ion: 76 Resp: 736
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#25
2-Butanone
Concen: 1.241 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.037 min
Lab File: VX038171.D
Acq: 09 Oct 2023 15:00

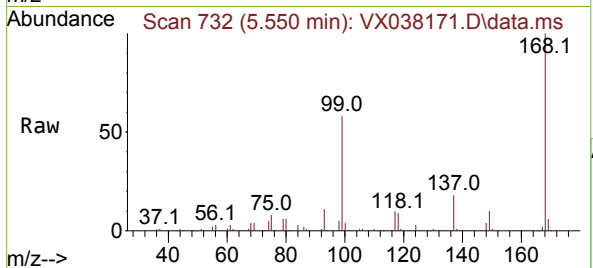
Tgt Ion: 43 Resp: 1489
Ion Ratio Lower Upper
43 100
72 27.2 19.4 29.2



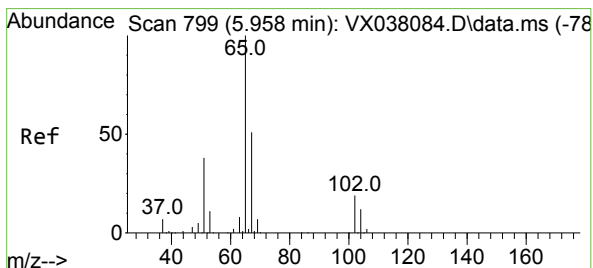
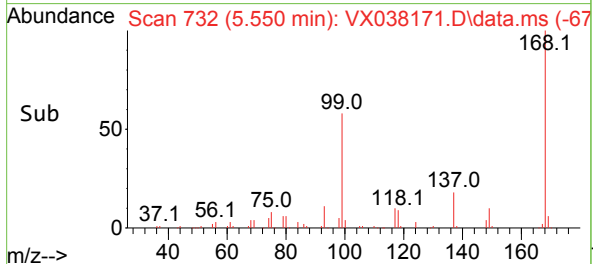
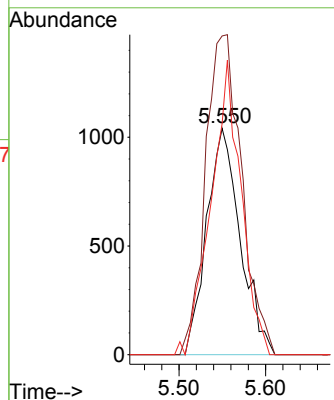


#31
Cyclohexane
Concen: 1.454 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038171.D
Acq: 09 Oct 2023 15:00

Instrument :
MSVOA_X
ClientSampleId :

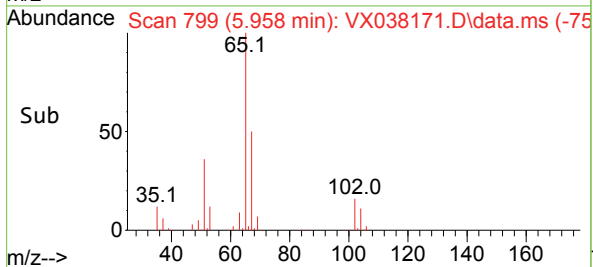
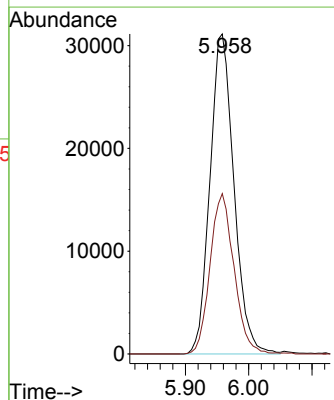
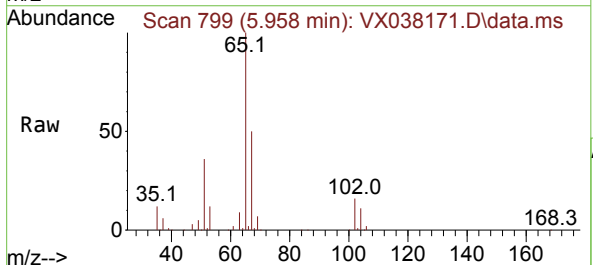


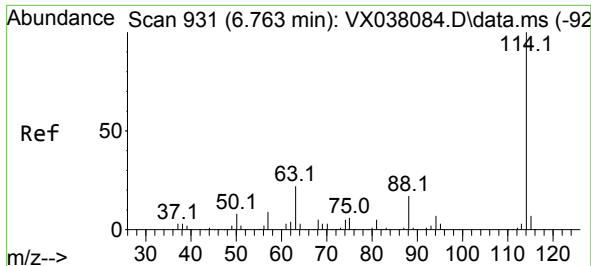
Tgt Ion: 56 Resp: 2807
Ion Ratio Lower Upper
56 100
69 140.8 23.4 35.2#
84 102.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.065 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038171.D
Acq: 09 Oct 2023 15:00

Tgt Ion: 65 Resp: 82063
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.2

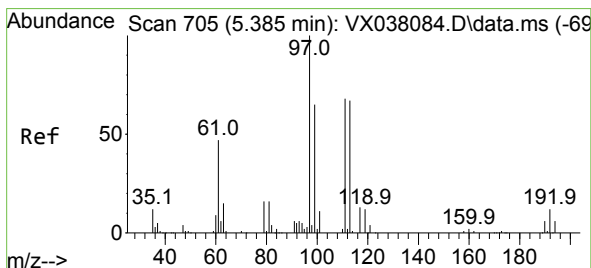
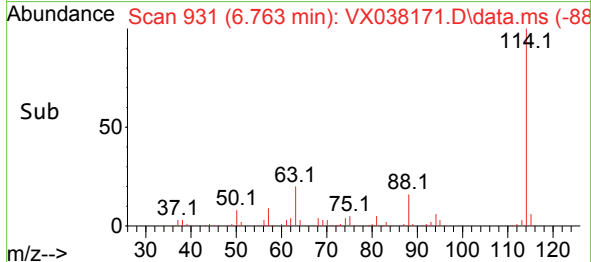
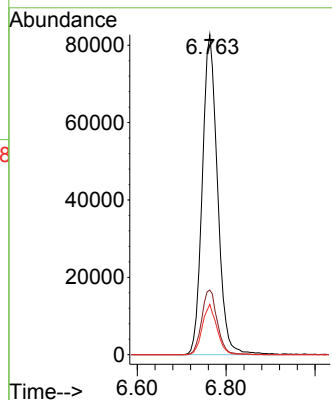
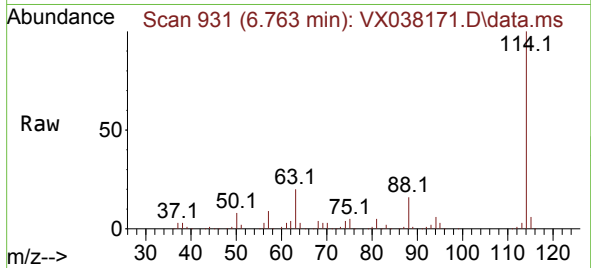




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038171.D
Acq: 09 Oct 2023 15:00

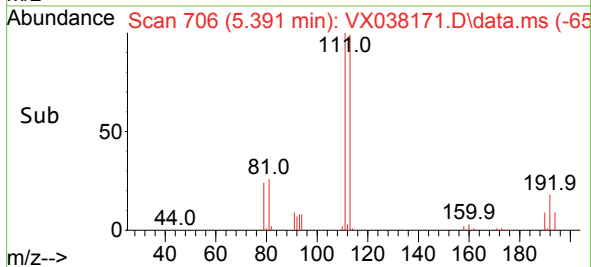
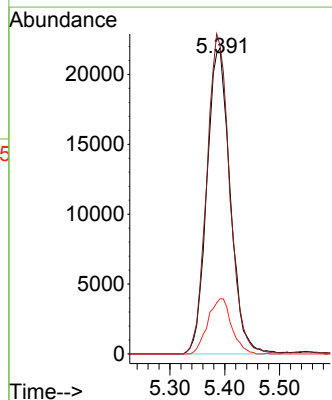
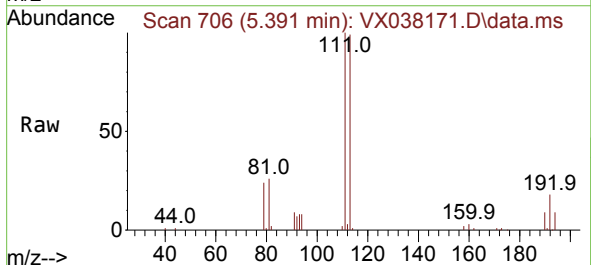
Instrument :
MSVOA_X
ClientSampleId :

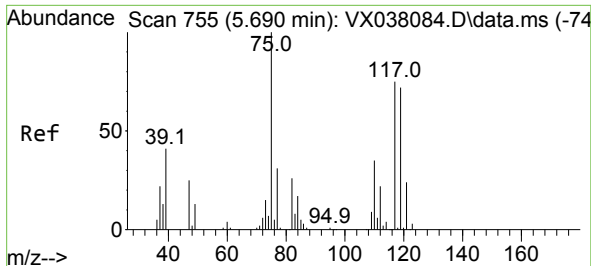
Tgt Ion:114 Resp: 197359
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.417 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038171.D
Acq: 09 Oct 2023 15:00

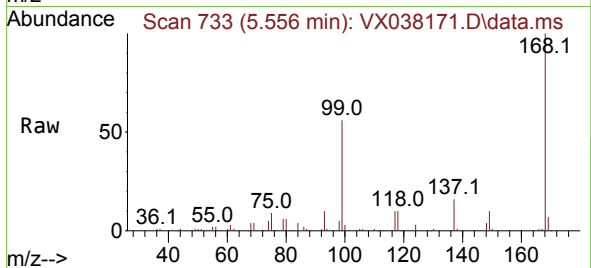
Tgt Ion:113 Resp: 64587
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 18.4 13.3 19.9



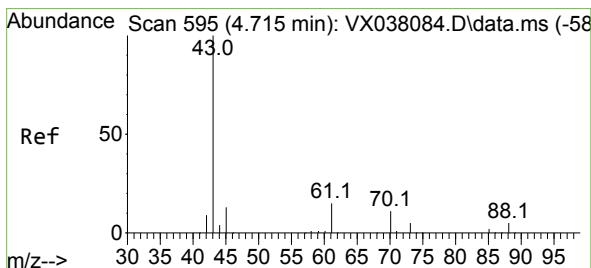
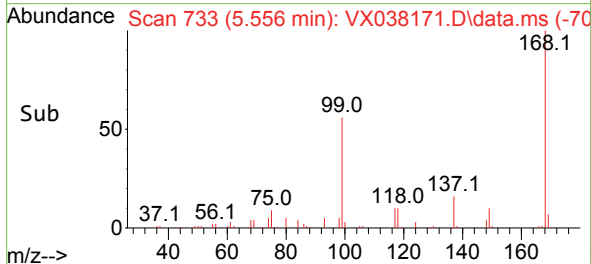
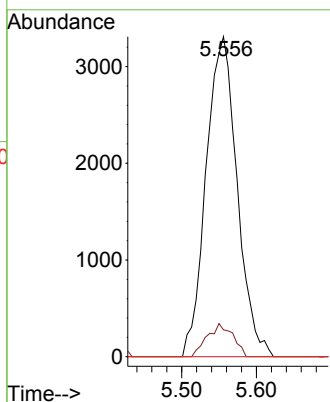


#36
1,1-Dichloropropene
Concen: 4.874 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX038171.D
Acq: 09 Oct 2023 15:00

Instrument :
MSVOA_X
ClientSampleId :

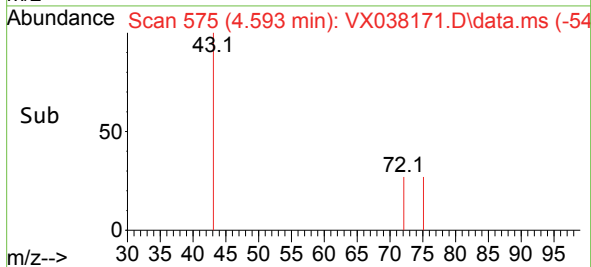
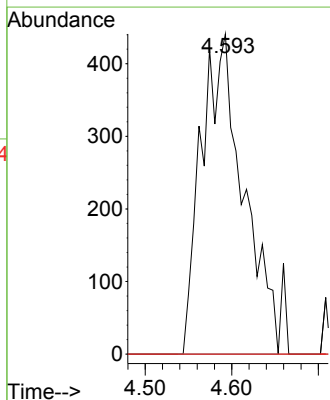
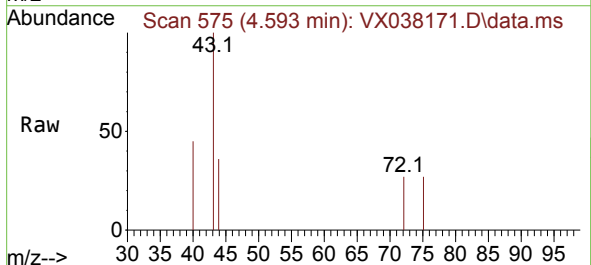


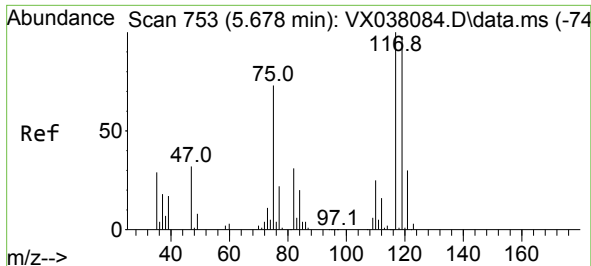
Tgt Ion: 75 Resp: 9559
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.639 ug/l
RT: 4.593 min Scan# 575
Delta R.T. -0.122 min
Lab File: VX038171.D
Acq: 09 Oct 2023 15:00

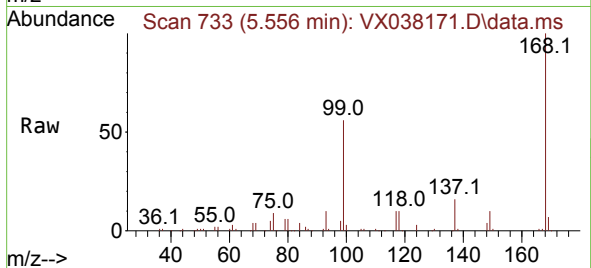
Tgt Ion: 43 Resp: 1489
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#



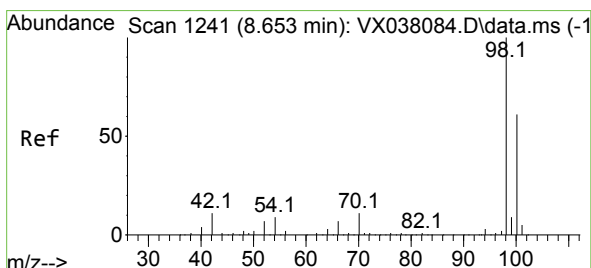
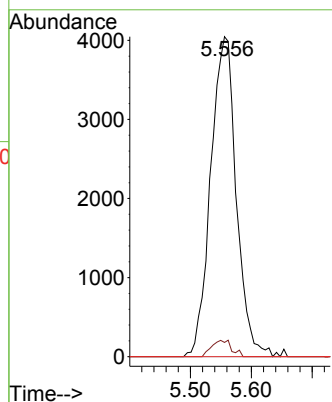
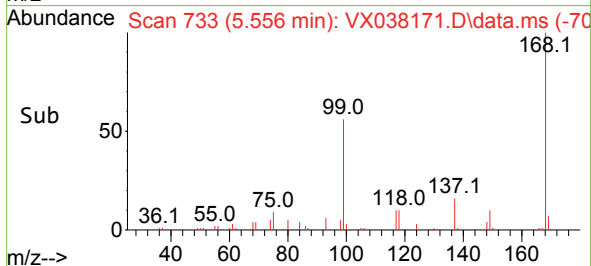


#38
Carbon Tetrachloride
Concen: 6.131 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX038171.D
Acq: 09 Oct 2023 15:00

Instrument :
MSVOA_X
ClientSampleId :

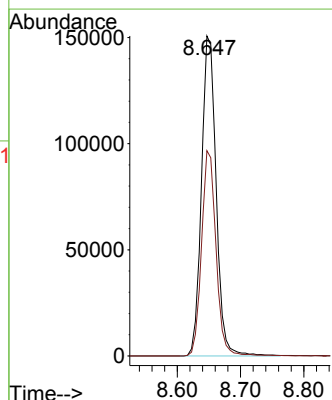
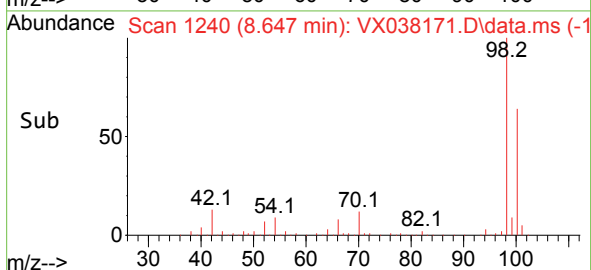
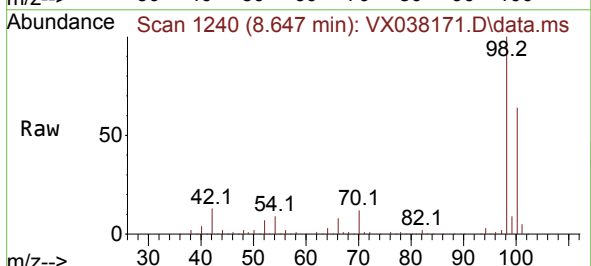


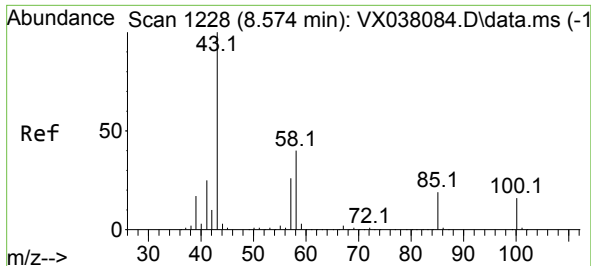
Tgt Ion:117 Resp: 11828
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 44.834 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038171.D
Acq: 09 Oct 2023 15:00

Tgt Ion: 98 Resp: 243634
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.465 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX038171.D

Acq: 09 Oct 2023 15:00

Instrument :

MSVOA_X

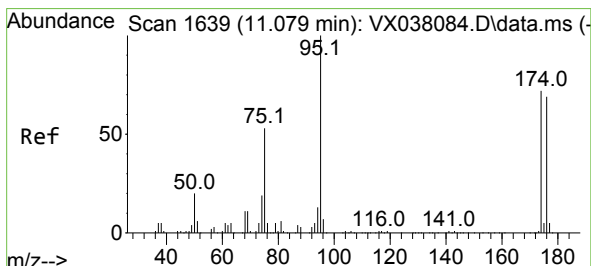
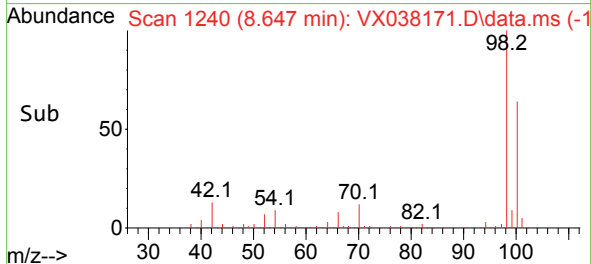
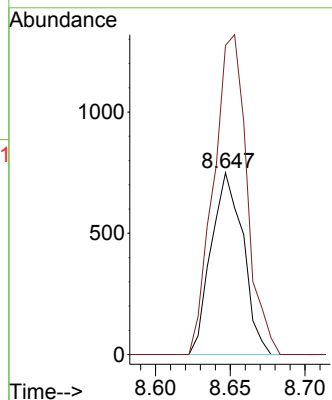
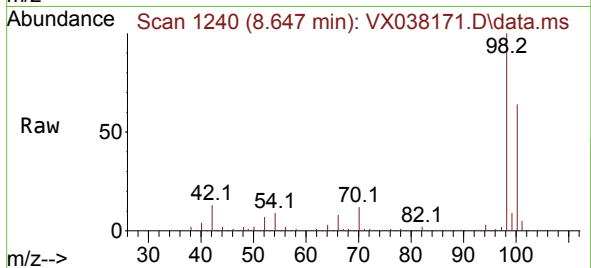
ClientSampleId :

Tgt Ion: 43 Resp: 1115

Ion Ratio Lower Upper

43 100

58 183.4 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 43.958 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038171.D

Acq: 09 Oct 2023 15:00

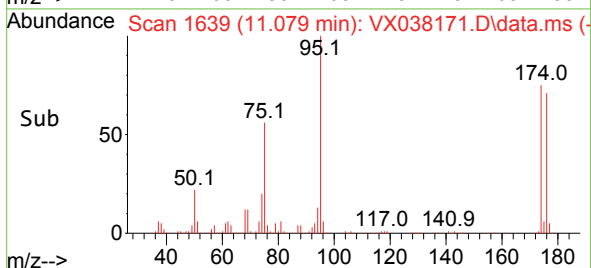
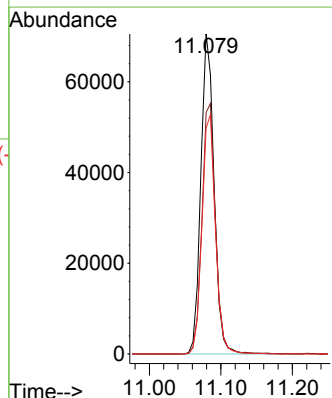
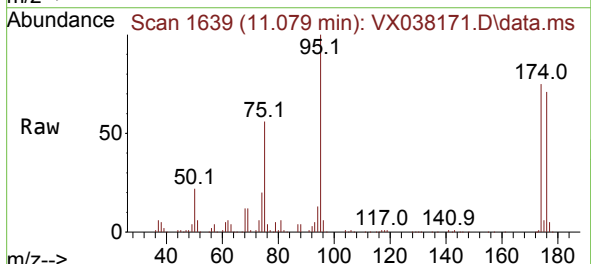
Tgt Ion: 95 Resp: 90560

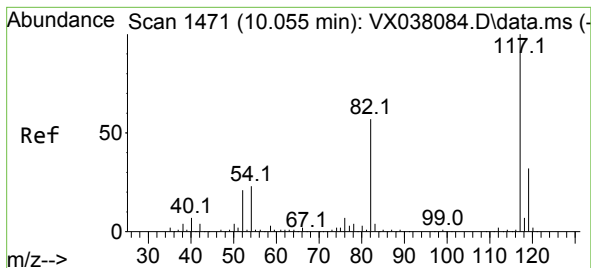
Ion Ratio Lower Upper

95 100

174 80.6 0.0 135.6

176 76.1 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: VX038171.D

Acq: 09 Oct 2023 15:00

Instrument :

MSVOA_X

ClientSampleId :

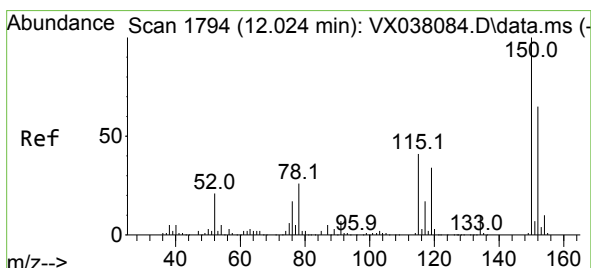
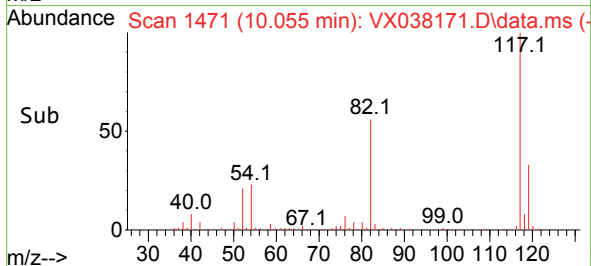
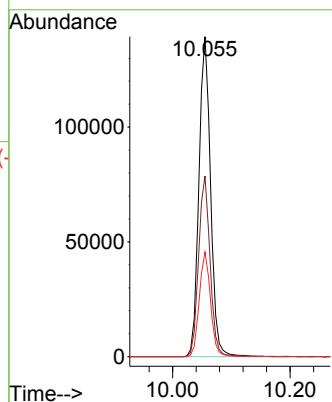
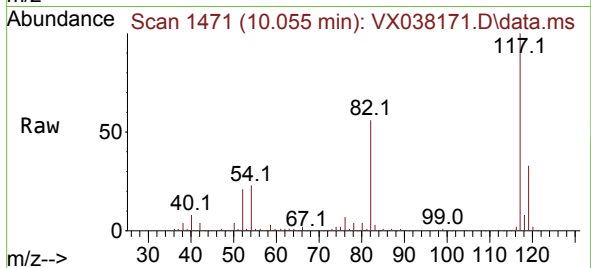
Tgt Ion:117 Resp: 192227

Ion Ratio Lower Upper

117 100

82 56.5 46.2 69.4

119 32.7 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: VX038171.D

Acq: 09 Oct 2023 15:00

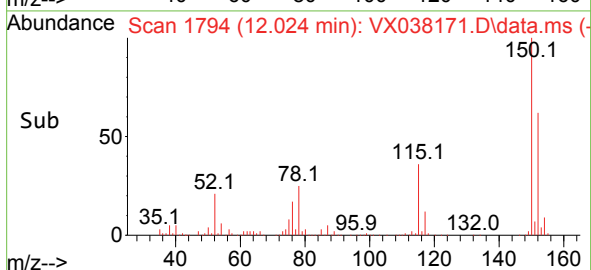
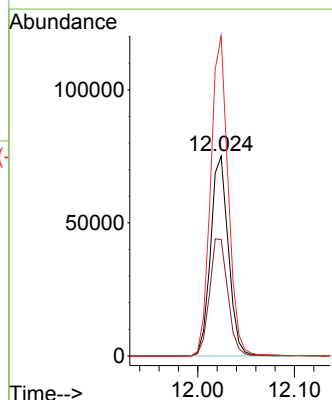
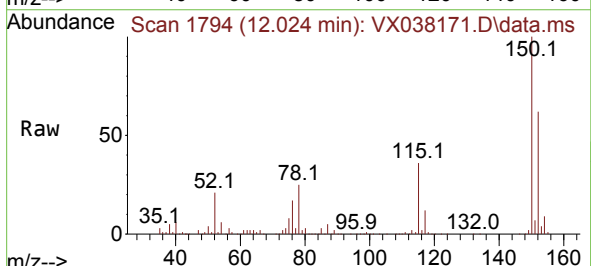
Tgt Ion:152 Resp: 96159

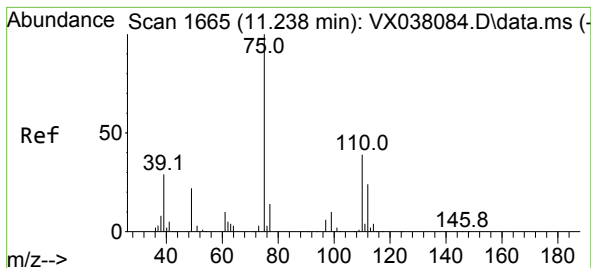
Ion Ratio Lower Upper

152 100

115 60.3 43.3 129.9

150 157.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.793 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038171.D

Acq: 09 Oct 2023 15:00

Instrument :

MSVOA_X

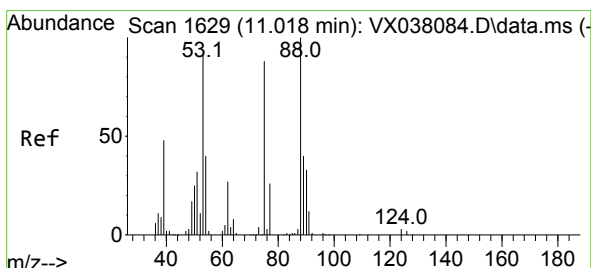
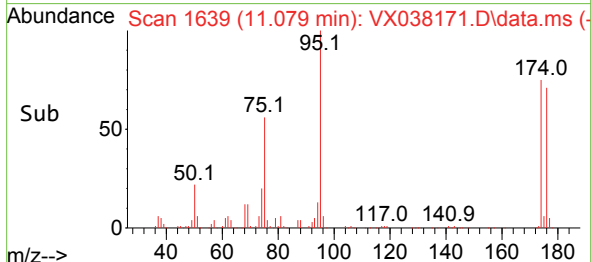
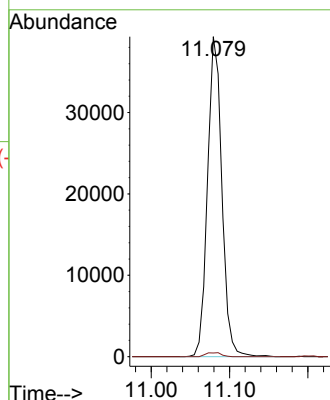
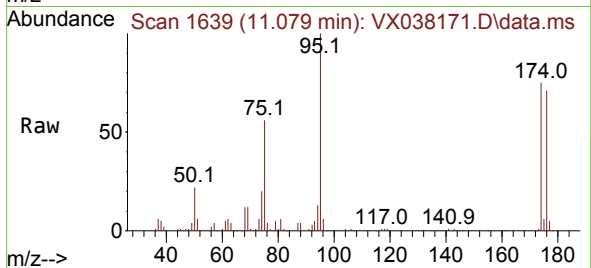
ClientSampleId :

Tgt Ion: 75 Resp: 49826

Ion Ratio Lower Upper

75 100

77 1.4 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.218 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038171.D

Acq: 09 Oct 2023 15:00

Tgt Ion: 75 Resp: 49826

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

