

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038136.D
 Acq On : 06 Oct 2023 17:18
 Operator : JC/MD
 Sample : 04794-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 07 04:22:58 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)

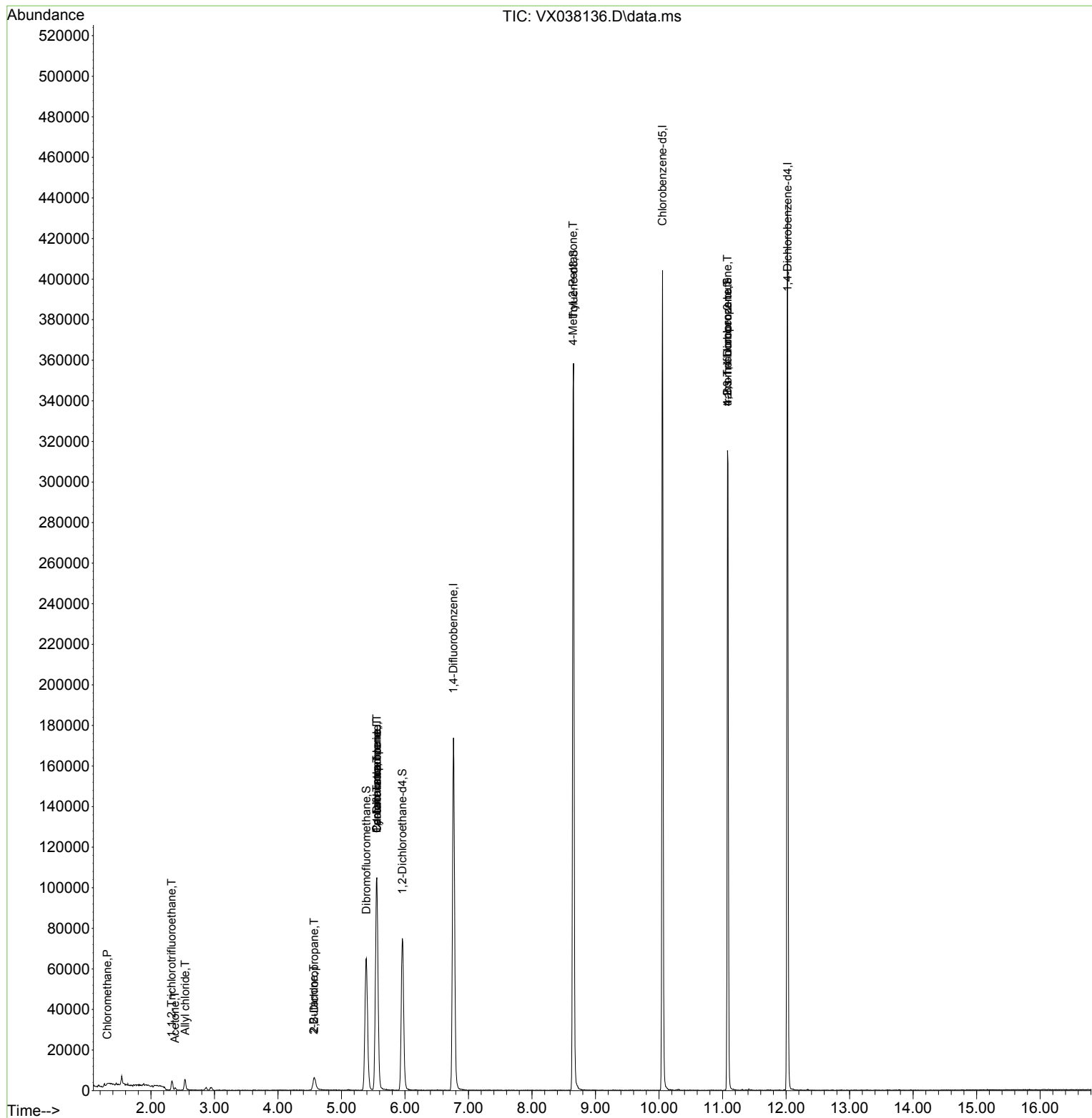
Internal Standards						
1) Pentafluorobenzene	5.556	168	98195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	175674	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71950	45.555	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.120%
35) Dibromofluoromethane	5.391	113	56120	44.334	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.660%
50) Toluene-d8	8.653	98	220534	45.592	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.180%#
62) 4-Bromofluorobenzene	11.079	95	81079	44.214	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.420%
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	223	0.231	ug/l #	43
5) Bromomethane	1.666	94	22	Below Cal	#	3
6) Chloroethane	1.691	64	486	Below Cal	#	43
9) 1,1,2-Trichlorotrifluo...	2.325	101	1957	2.119	ug/l	98
11) Tert butyl alcohol	2.946	59	936	Below Cal	#	78
14) Allyl chloride	2.538	41	627	0.390	ug/l #	55
16) Acetone	2.380	43	1131	1.716	ug/l	96
25) 2-Butanone	4.562	43	290	0.273	ug/l #	51
26) 2,2-Dichloropropane	4.568	77	492	0.308	ug/l #	54
31) Cyclohexane	5.556	56	2472	1.445	ug/l #	11
36) 1,1-Dichloropropene	5.556	75	8594	4.923	ug/l #	51
38) Carbon Tetrachloride	5.556	117	10541	6.139	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	939	0.440	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45969	23.195	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	45969	66.298	ug/l #	5

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

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MSVOA_X
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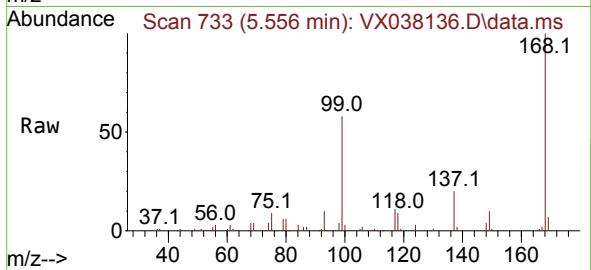
Quant Time: Oct 07 04:22:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



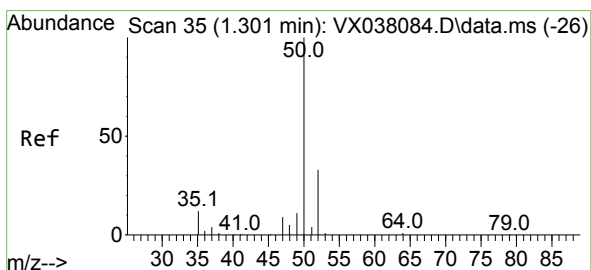
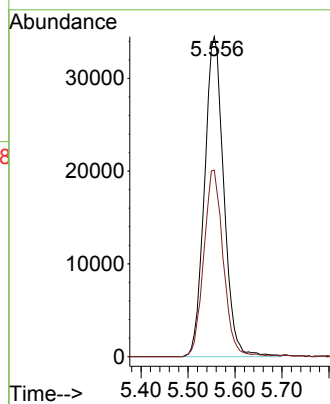
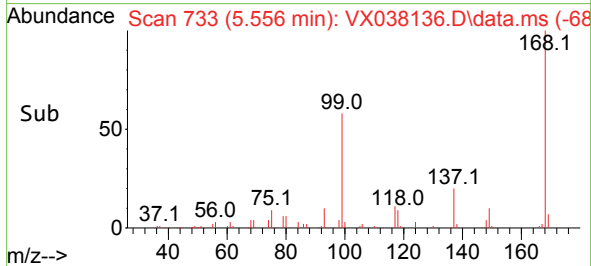


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038136.D
Acq: 06 Oct 2023 17:18

Instrument :
MSVOA_X
ClientSampleId :

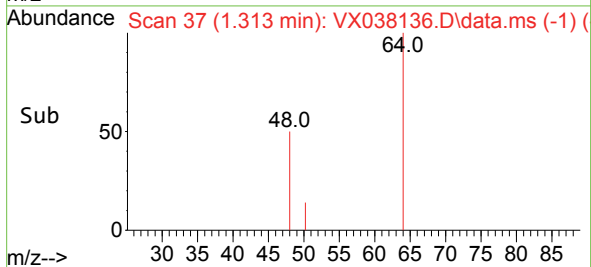
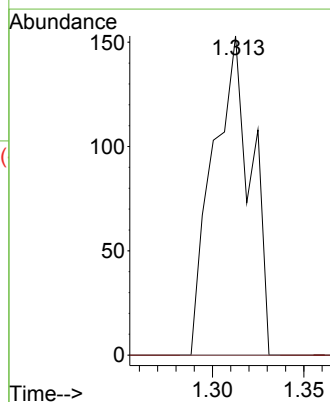
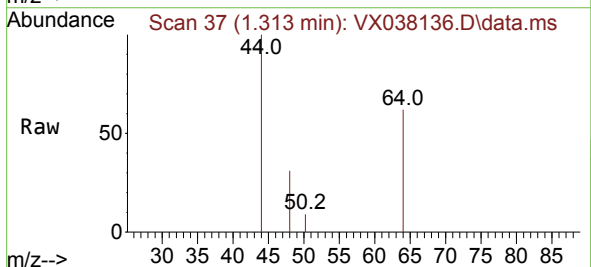


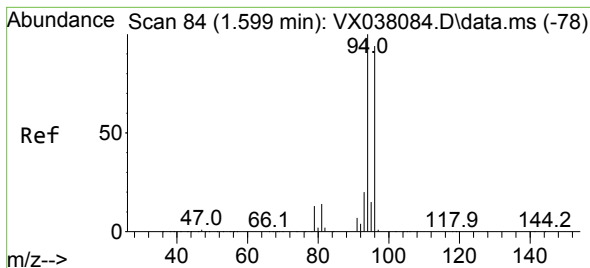
Tgt Ion:168 Resp: 98195
Ion Ratio Lower Upper
168 100
99 58.3 56.6 85.0



#3
Chloromethane
Concen: 0.231 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.012 min
Lab File: VX038136.D
Acq: 06 Oct 2023 17:18

Tgt Ion: 50 Resp: 223
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#





#5

Bromomethane

Concen: Below Cal

RT: 1.666 min Scan# 91

Delta R.T. 0.067 min

Lab File: VX038136.D

Acq: 06 Oct 2023 17:18

Instrument :

MSVOA_X

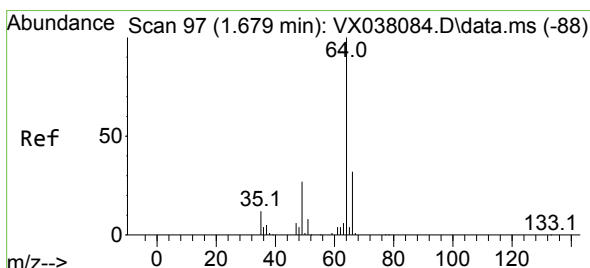
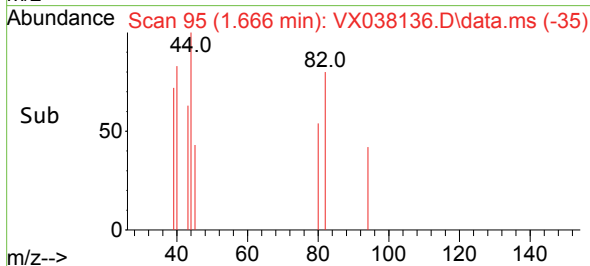
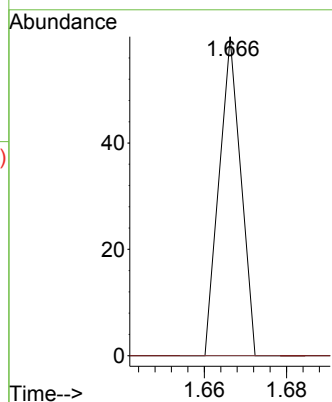
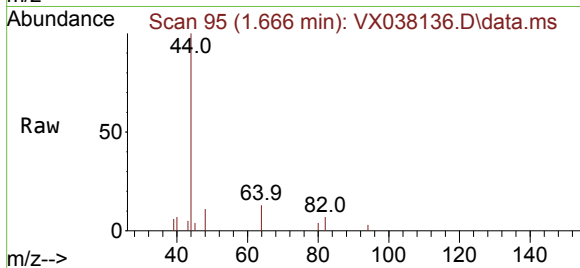
ClientSampleId :

Tgt Ion: 94 Resp: 22

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: VX038136.D

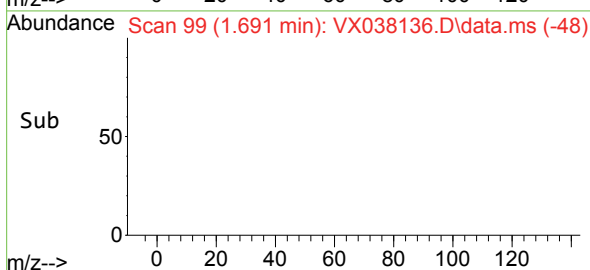
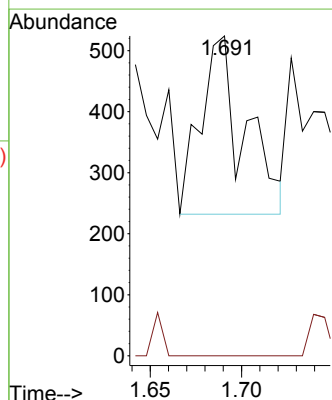
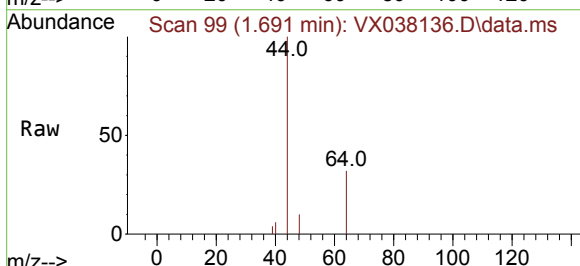
Acq: 06 Oct 2023 17:18

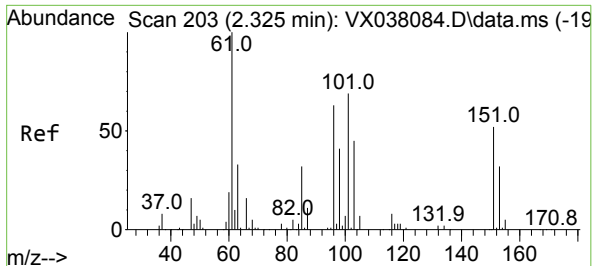
Tgt Ion: 64 Resp: 486

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#

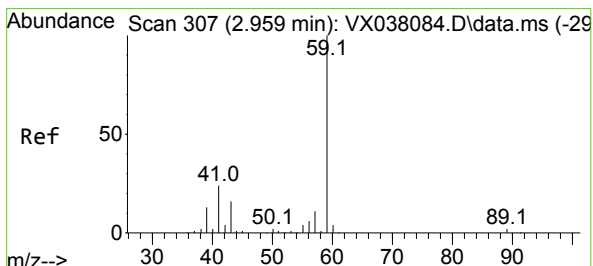
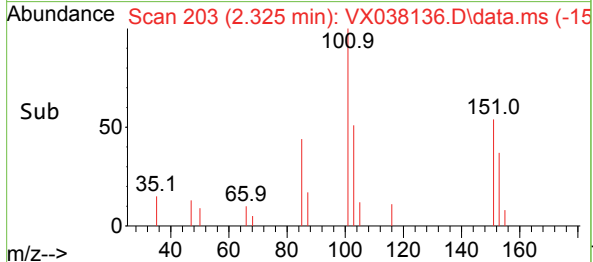
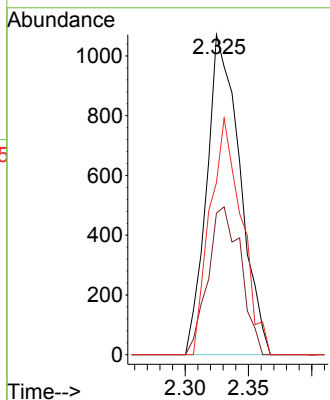
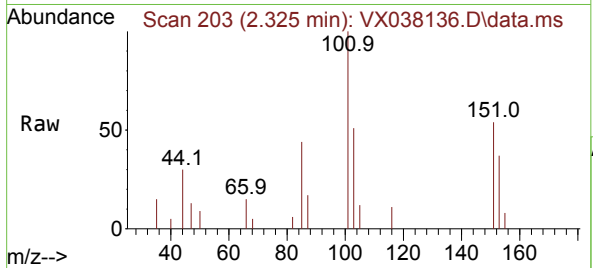




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.119 ug/l
RT: 2.325 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX038136.D
Acq: 06 Oct 2023 17:18

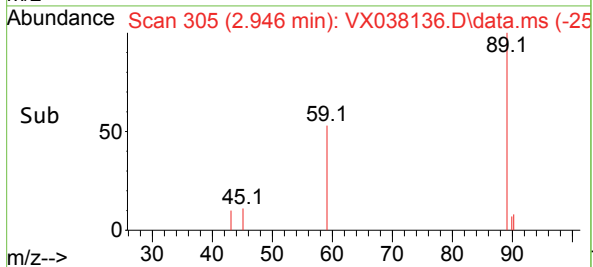
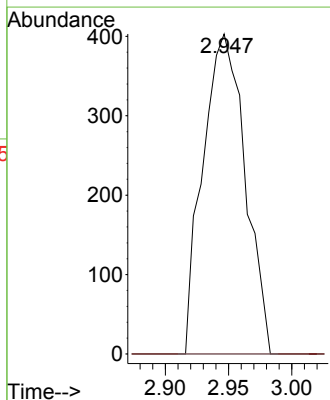
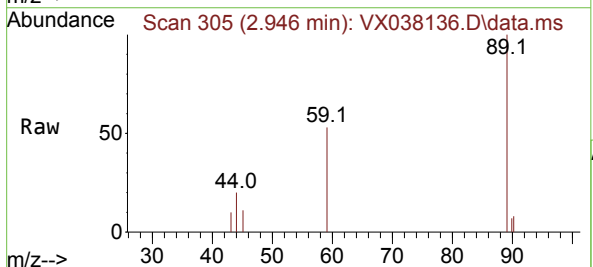
Instrument :
MSVOA_X
ClientSampleId :

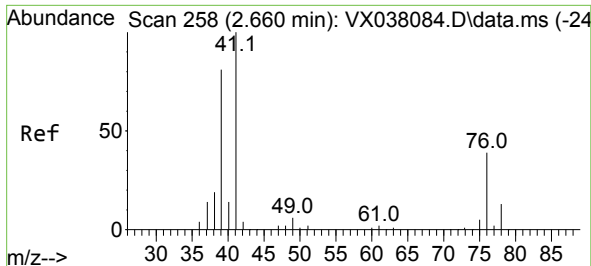
Tgt Ion:101 Resp: 1957
Ion Ratio Lower Upper
101 100
85 45.7 37.0 55.6
151 70.6 58.6 87.8



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.013 min
Lab File: VX038136.D
Acq: 06 Oct 2023 17:18

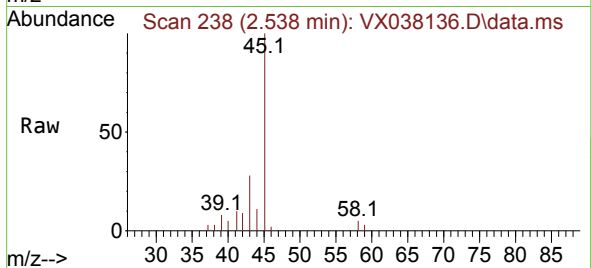
Tgt Ion: 59 Resp: 936
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



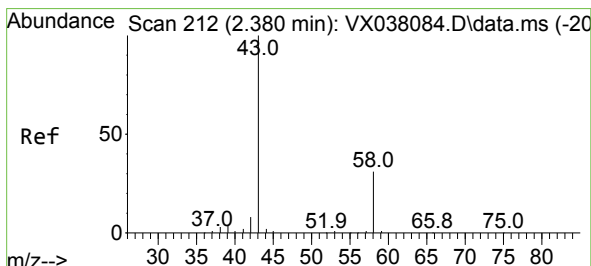
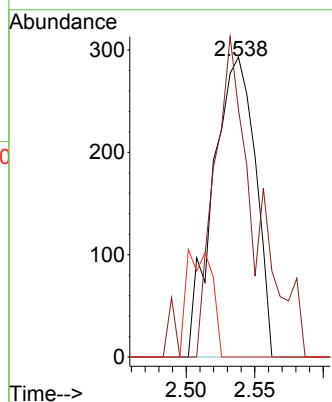
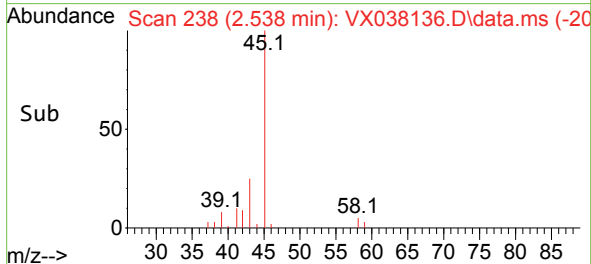


#14
 Allyl chloride
 Concen: 0.390 ug/l
 RT: 2.538 min Scan# 21
 Delta R.T. -0.122 min
 Lab File: VX038136.D
 Acq: 06 Oct 2023 17:18

Instrument :
 MSVOA_X
 ClientSampleId :

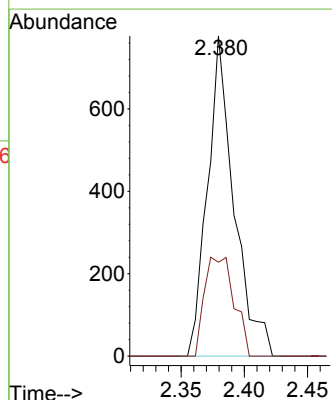
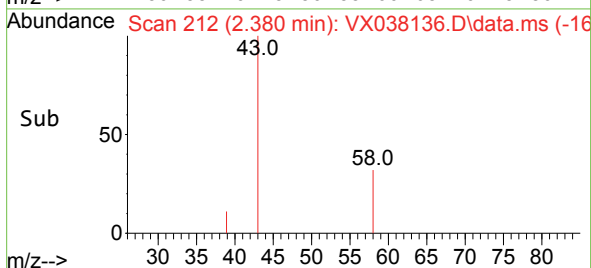
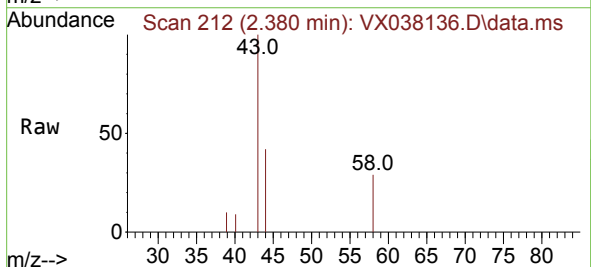


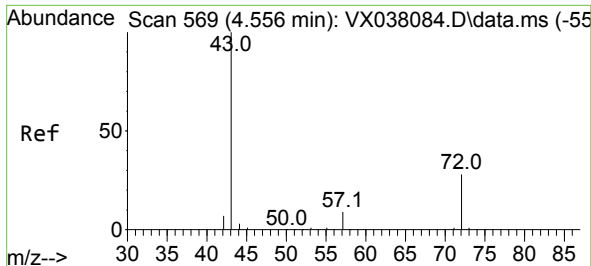
Tgt Ion: 41 Resp: 627
 Ion Ratio Lower Upper
 41 100
 39 103.2 55.8 83.6#
 76 0.0 24.3 36.5#



#16
 Acetone
 Concen: 1.716 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VX038136.D
 Acq: 06 Oct 2023 17:18

Tgt Ion: 43 Resp: 1131
 Ion Ratio Lower Upper
 43 100
 58 29.3 21.9 32.9

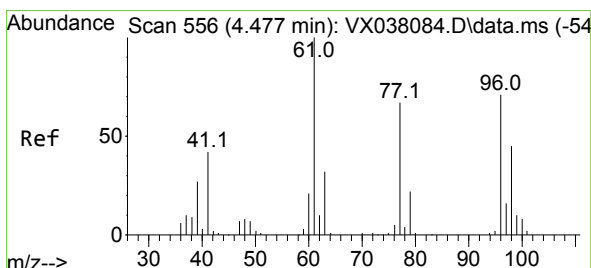
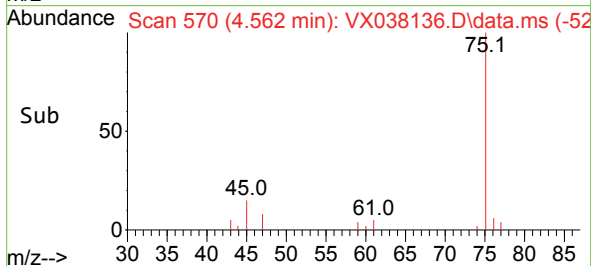
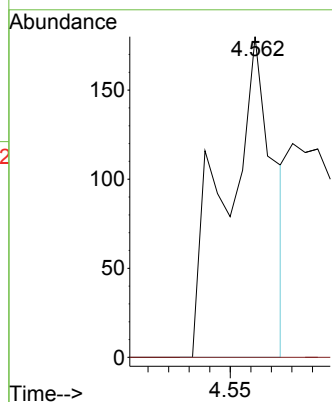
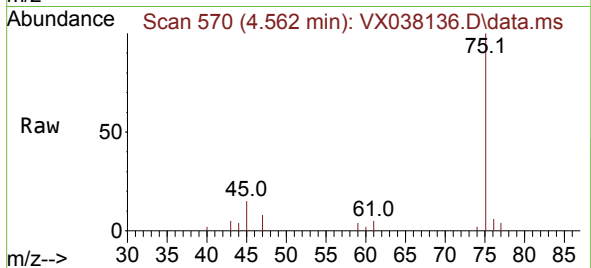




#25
2-Butanone
Concen: 0.273 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX038136.D
Acq: 06 Oct 2023 17:18

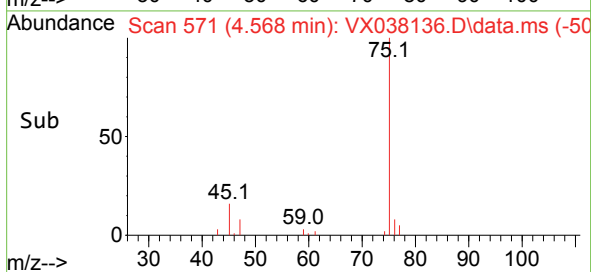
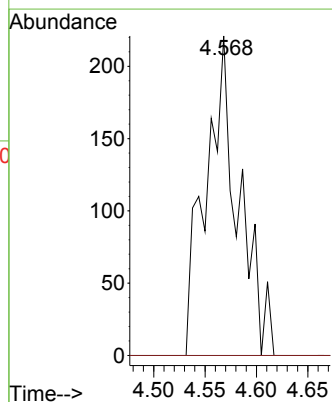
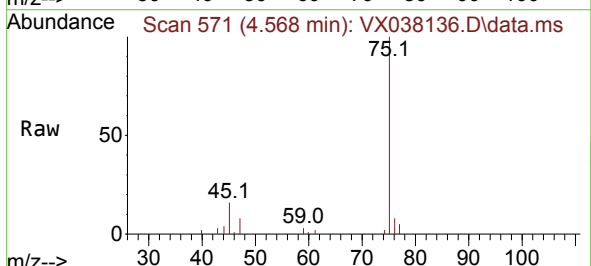
Instrument :
MSVOA_X
ClientSampleId :

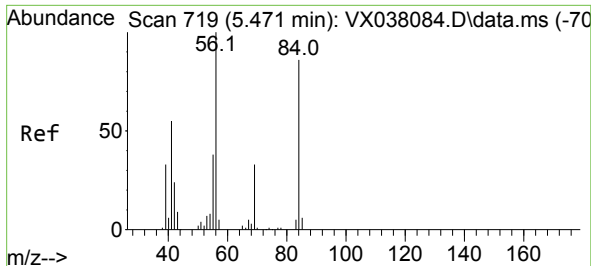
Tgt Ion: 43 Resp: 290
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 0.308 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.091 min
Lab File: VX038136.D
Acq: 06 Oct 2023 17:18

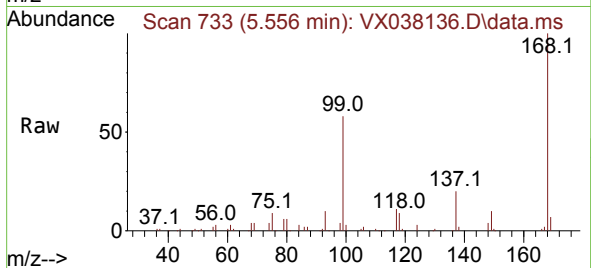
Tgt Ion: 77 Resp: 492
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



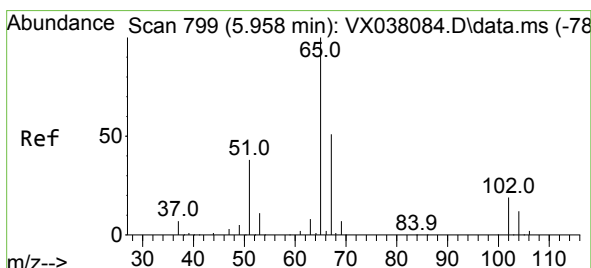
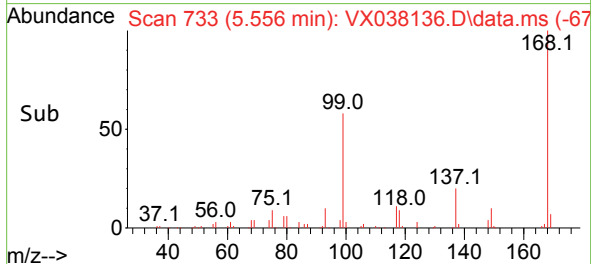
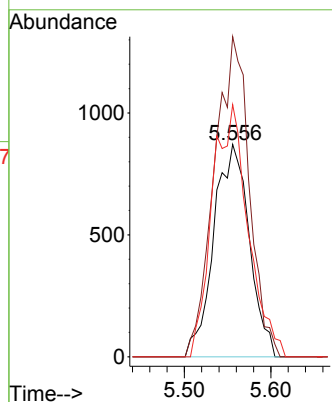


#31
Cyclohexane
Concen: 1.445 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX038136.D
Acq: 06 Oct 2023 17:18

Instrument :
MSVOA_X
ClientSampleId :

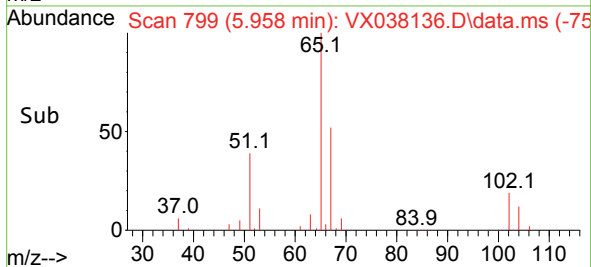
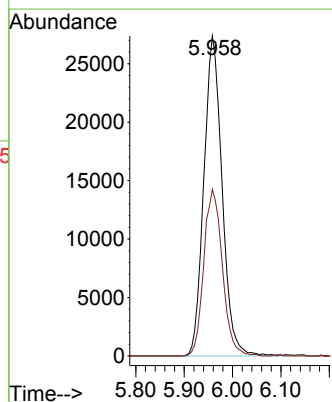
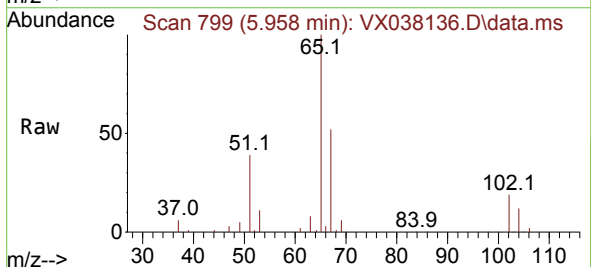


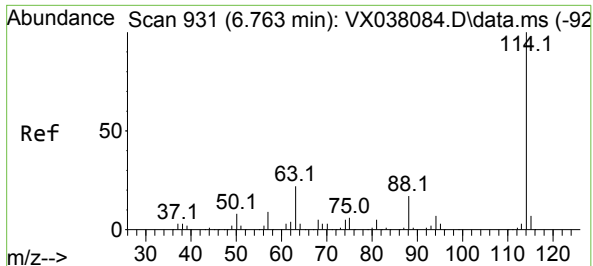
Tgt Ion: 56 Resp: 2472
Ion Ratio Lower Upper
56 100
69 150.7 23.4 35.2#
84 118.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.555 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038136.D
Acq: 06 Oct 2023 17:18

Tgt Ion: 65 Resp: 71950
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.2

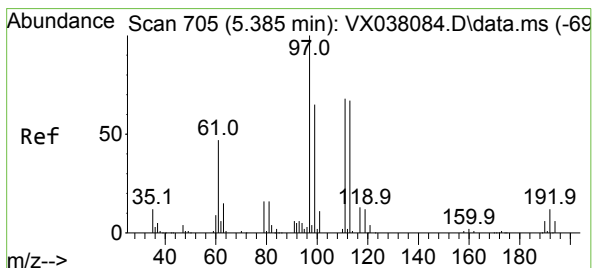
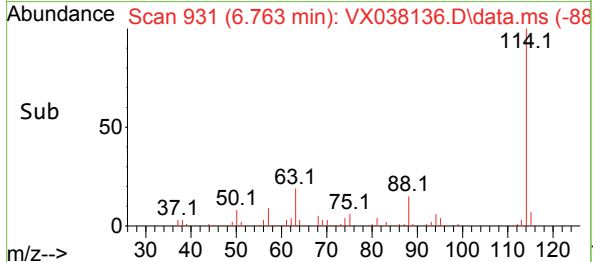
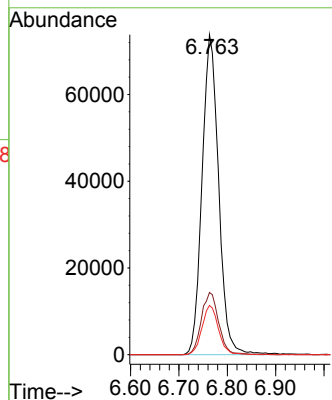
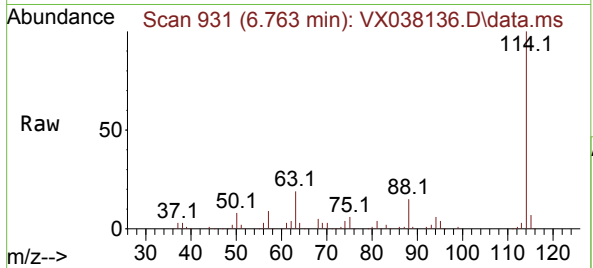




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038136.D
Acq: 06 Oct 2023 17:18

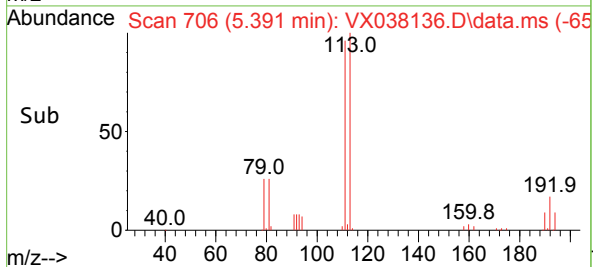
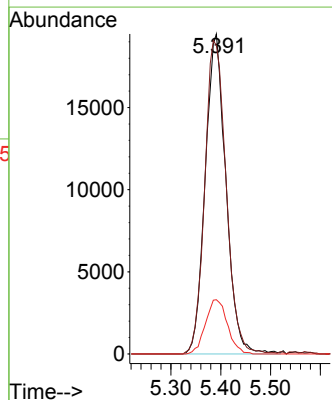
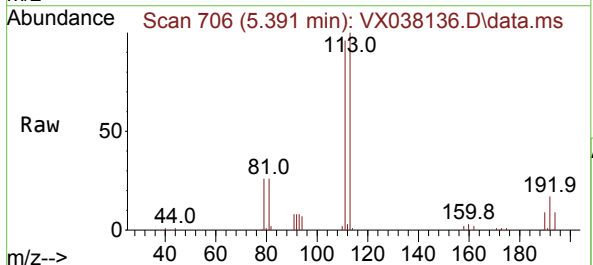
Instrument :
MSVOA_X
ClientSampleId :

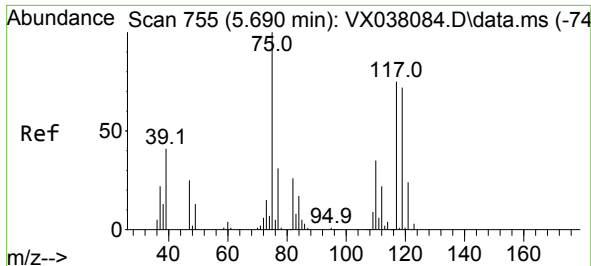
Tgt Ion:114 Resp: 175674
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.334 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038136.D
Acq: 06 Oct 2023 17:18

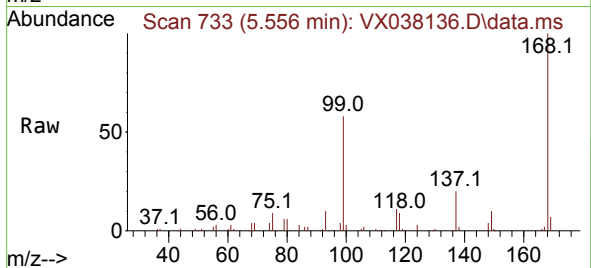
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Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 18.0 13.3 19.9



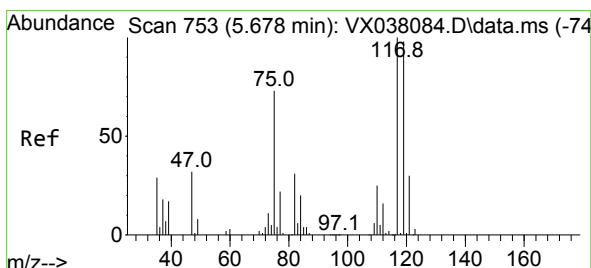
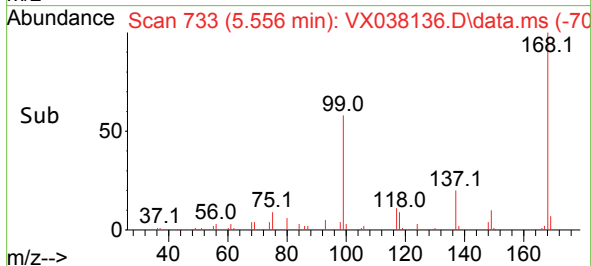
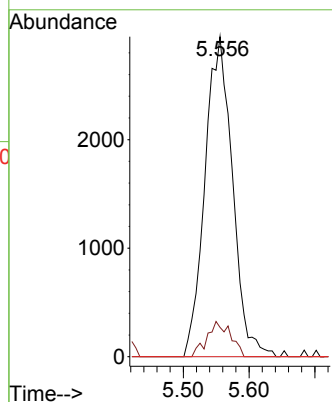


#36
1,1-Dichloropropene
Concen: 4.923 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX038136.D
Acq: 06 Oct 2023 17:18

Instrument :
MSVOA_X
ClientSampleId :

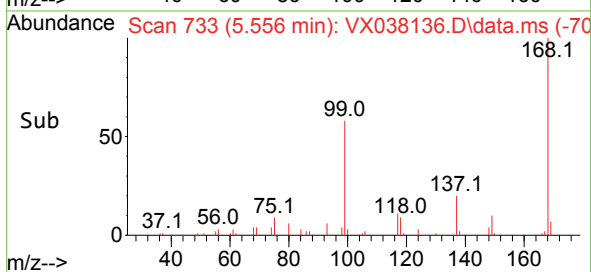
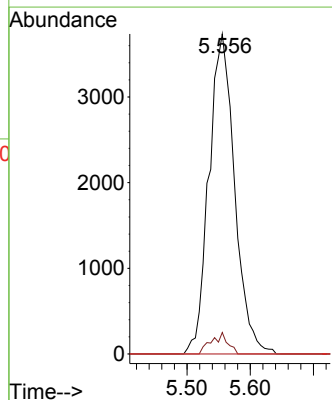
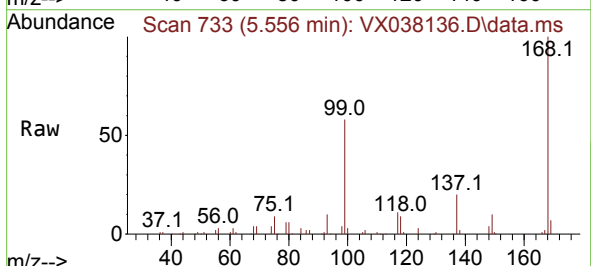


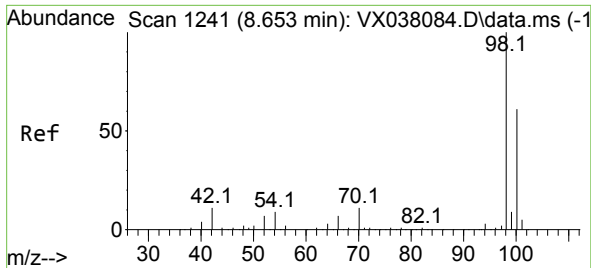
Tgt Ion: 75 Resp: 8594
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.139 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038136.D
Acq: 06 Oct 2023 17:18

Tgt Ion: 117 Resp: 10541
Ion Ratio Lower Upper
117 100
119 6.7 78.2 117.2#
121 0.0 24.4 36.6#

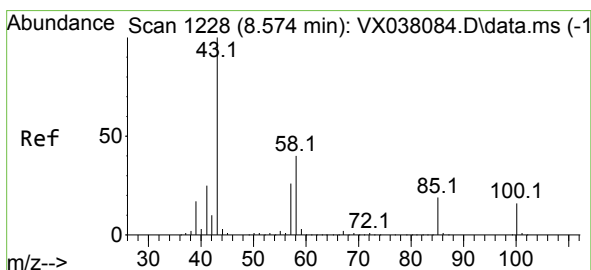
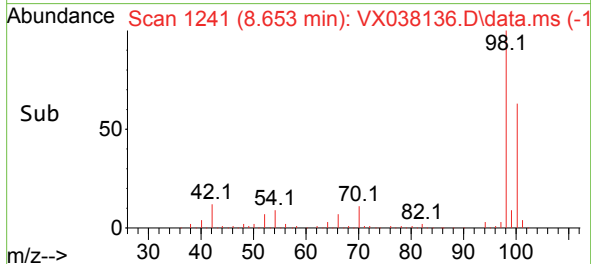
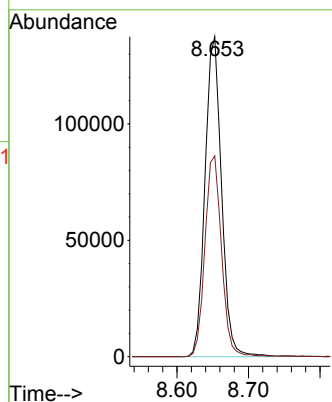
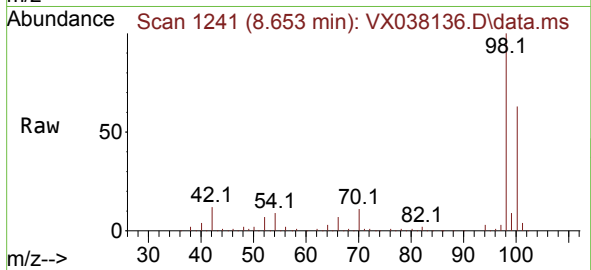




#50
Toluene-d8
Concen: 45.592 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038136.D
Acq: 06 Oct 2023 17:18

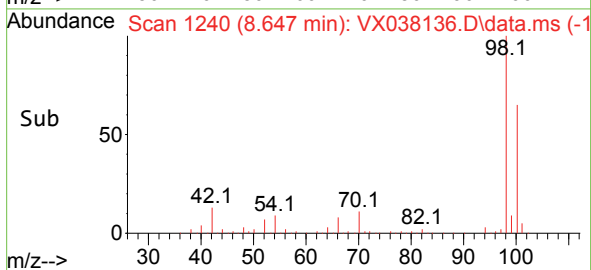
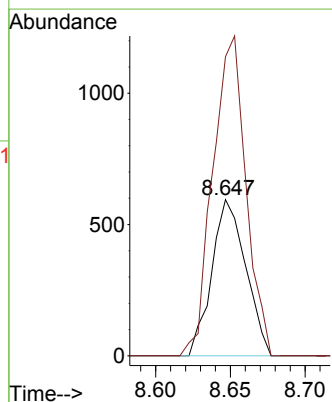
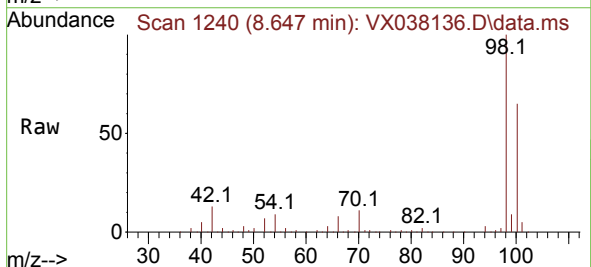
Instrument :
MSVOA_X
ClientSampleId :

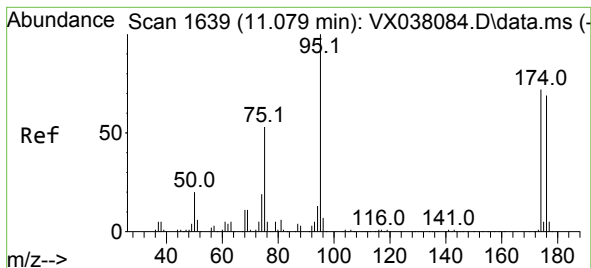
Tgt Ion: 98 Resp: 220534
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.440 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038136.D
Acq: 06 Oct 2023 17:18

Tgt Ion: 43 Resp: 939
Ion Ratio Lower Upper
43 100
58 200.1 30.4 45.6#

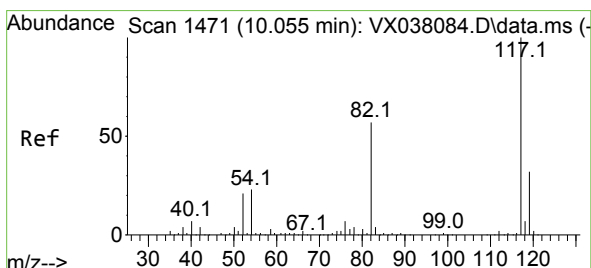
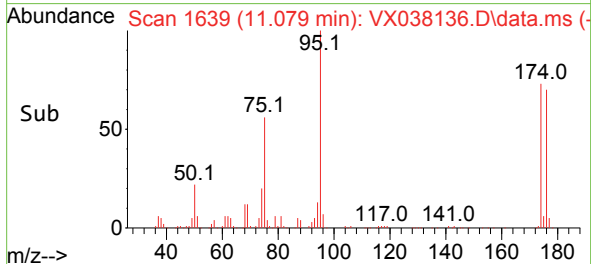
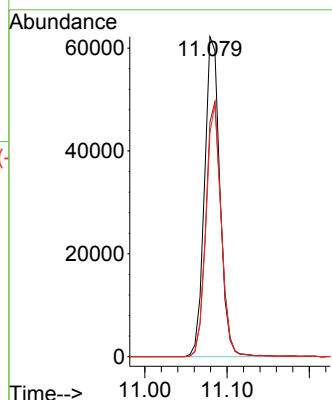
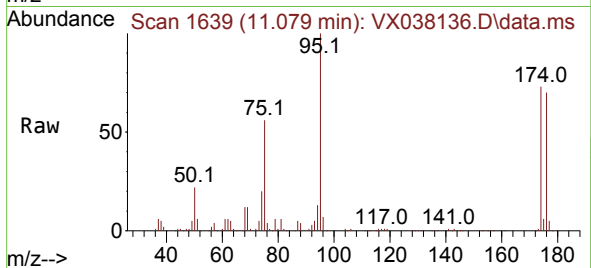




#62
4-Bromofluorobenzene
Concen: 44.214 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038136.D
Acq: 06 Oct 2023 17:18

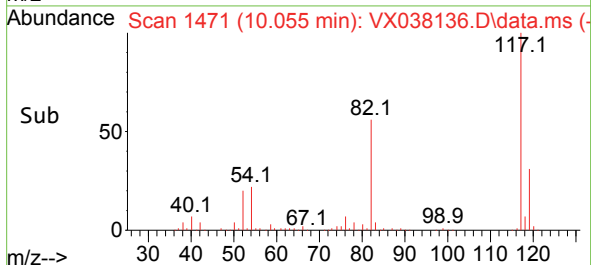
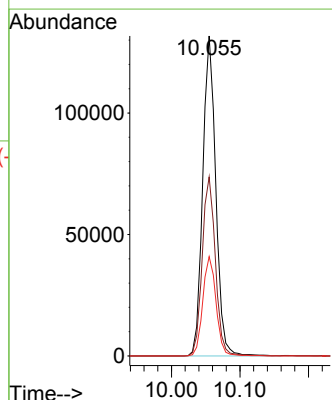
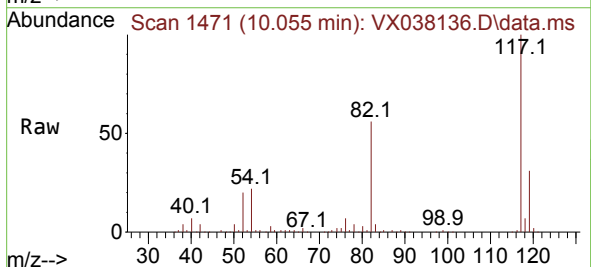
Instrument :
MSVOA_X
ClientSampleId :

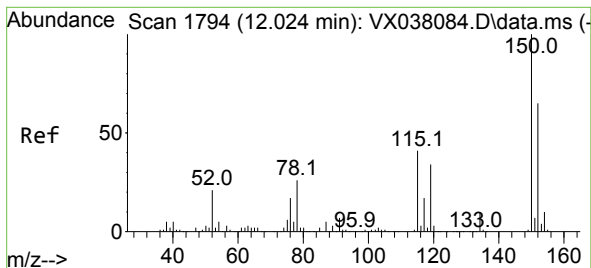
Tgt Ion: 95 Resp: 81079
Ion Ratio Lower Upper
95 100
174 79.8 0.0 135.6
176 77.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038136.D
Acq: 06 Oct 2023 17:18

Tgt Ion: 117 Resp: 174813
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 31.1 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

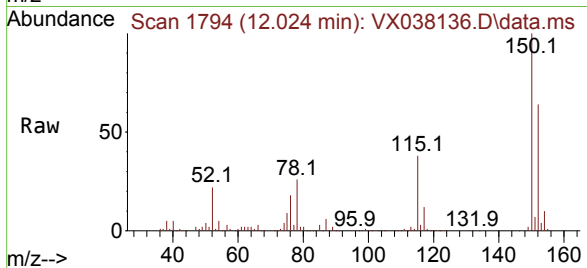
Lab File: VX038136.D

Acq: 06 Oct 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :



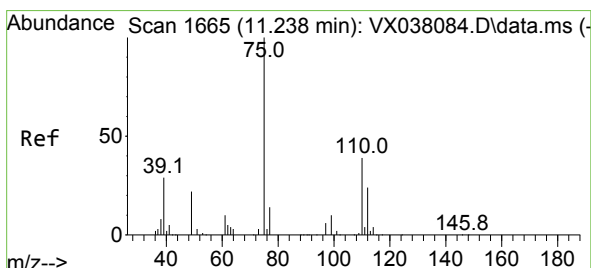
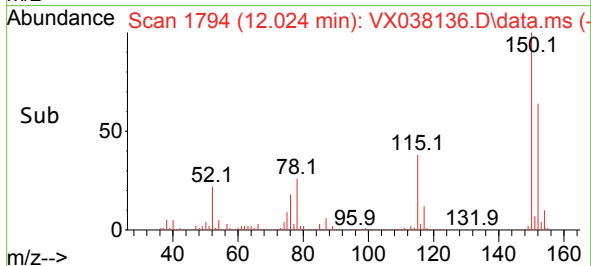
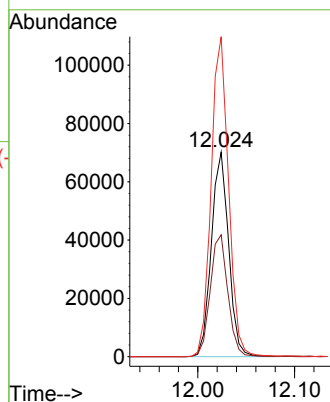
Tgt Ion:152 Resp: 87176

Ion Ratio Lower Upper

152 100

115 60.7 43.3 129.9

150 157.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.195 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038136.D

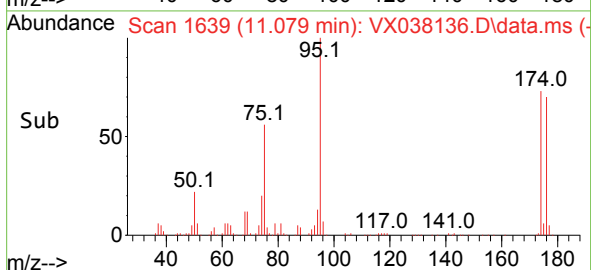
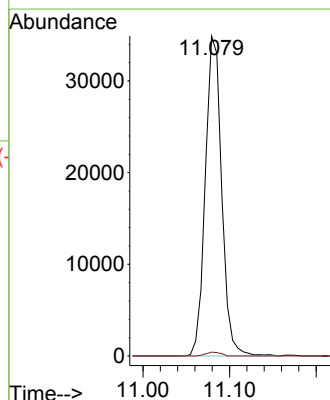
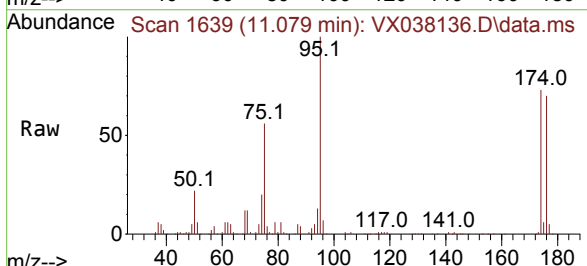
Acq: 06 Oct 2023 17:18

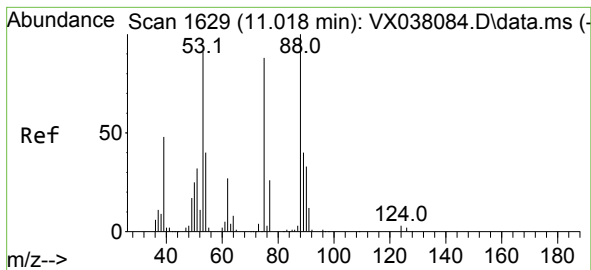
Tgt Ion: 75 Resp: 45969

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.298 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038136.D
 Acq: 06 Oct 2023 17:18

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 45969
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

