

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100422\
 Data File : VX031864.D
 Acq On : 04 Oct 2022 11:50
 Operator : JC/MD
 Sample : VX1004WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBL01

Quant Time: Oct 05 06:18:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:59:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

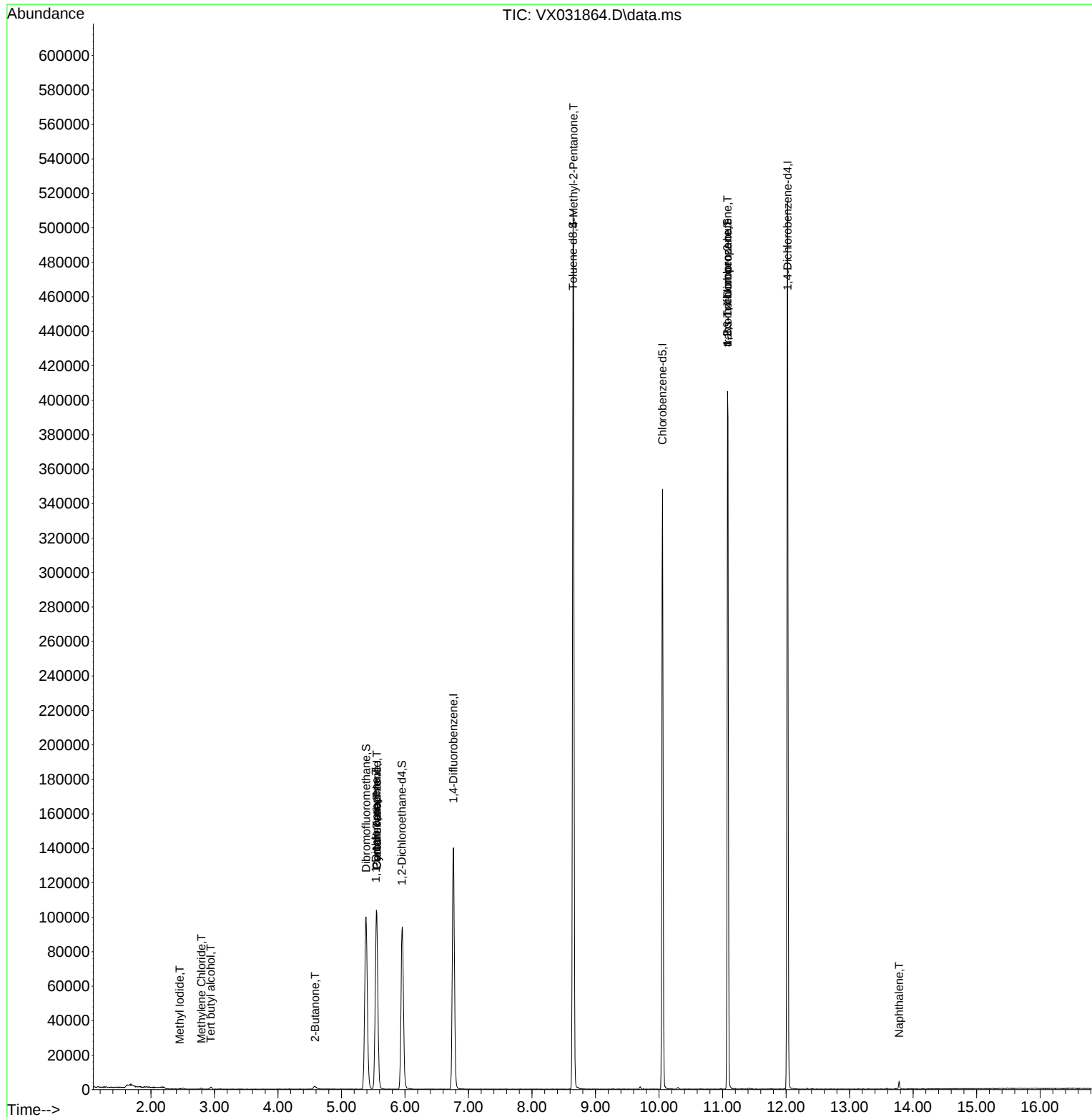
Internal Standards						
1) Pentafluorobenzene	5.556	168	106920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	157199	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89911	46.938	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.880%		
35) Dibromofluoromethane	5.385	113	87160	46.667	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.340%		
50) Toluene-d8	8.646	98	316493	47.369	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.740%		
62) 4-Bromofluorobenzene	11.079	95	108600	45.137	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.280%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	698	Below Cal		99
6) Chloroethane	1.599	64	26	Below Cal	#	43
10) Methyl Iodide	2.452	142	390	0.255 ug/l	#	70
11) Tert butyl alcohol	2.940	59	771	2.891 ug/l	#	73
16) Acetone	2.392	43	189	Below Cal	#	45
17) Carbon Disulfide	2.507	76	777	Below Cal	#	75
20) Methylene Chloride	2.794	84	404	0.241 ug/l	#	47
25) 2-Butanone	4.586	43	185	0.210 ug/l	#	49
31) Cyclohexane	5.556	56	1761	0.772 ug/l	#	20
36) 1,1-Dichloropropene	5.543	75	6713	2.899 ug/l	#	52
38) Carbon Tetrachloride	5.556	117	9840	3.423 ug/l	#	17
51) 4-Methyl-2-Pentanone	8.653	43	1059	0.595 ug/l	#	1
76) 1,2,3-Trichloropropane	11.079	75	51732	25.376 ug/l	#	36
81) trans-1,4-Dichloro-2-b...	11.079	75	51732	87.111 ug/l	#	11
95) Naphthalene	13.780	128	3385	0.450 ug/l	#	95

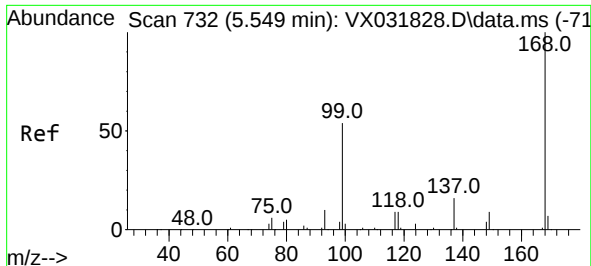
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100422\
Data File : VX031864.D
Acq On : 04 Oct 2022 11:50
Operator : JC/MD
Sample : VX1004WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBL01

Quant Time: Oct 05 06:18:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 06:59:30 2022
Response via : Initial Calibration

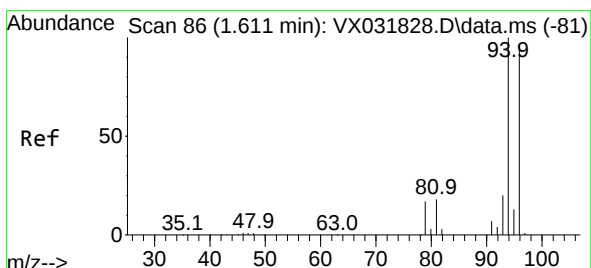
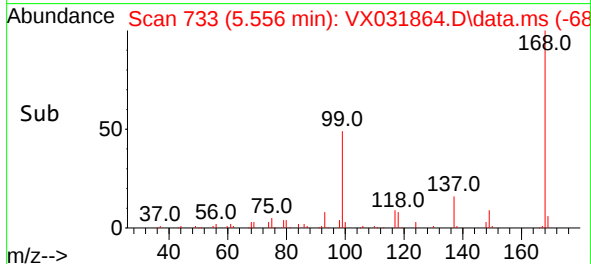
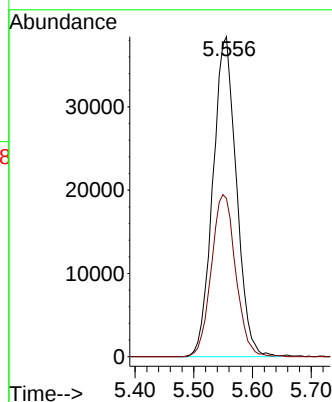
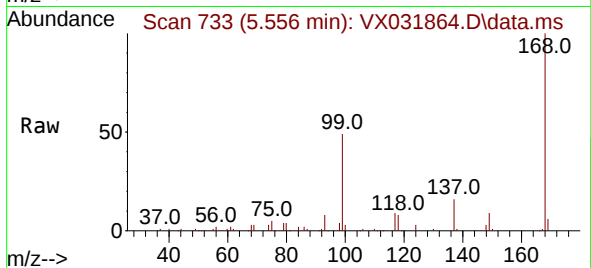




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031864.D
Acq: 04 Oct 2022 11:50

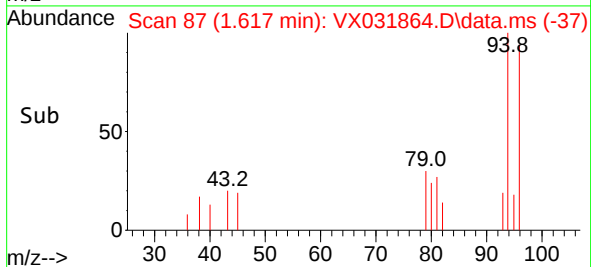
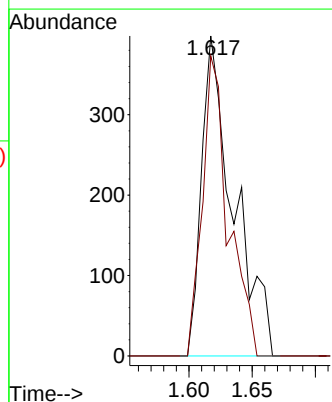
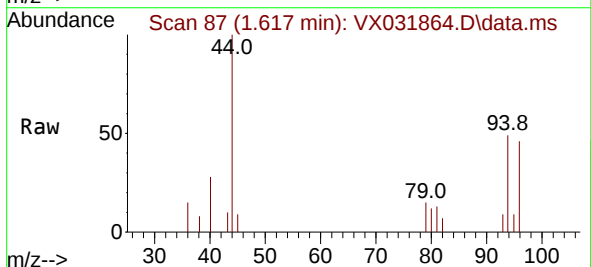
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBL01

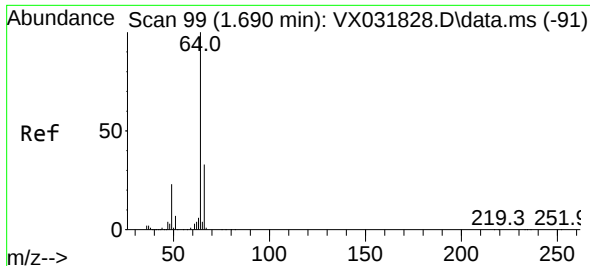
Tgt Ion:168 Resp: 106920
Ion Ratio Lower Upper
168 100
99 49.5 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX031864.D
Acq: 04 Oct 2022 11:50

Tgt Ion: 94 Resp: 698
Ion Ratio Lower Upper
94 100
96 93.7 74.4 111.6

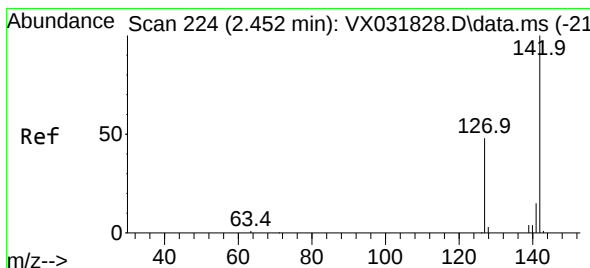
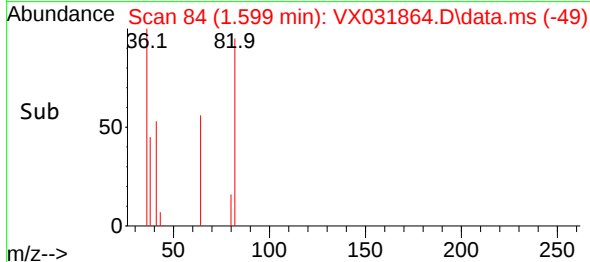
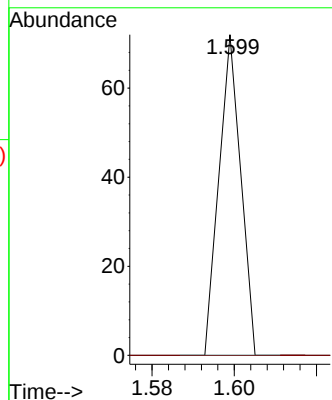
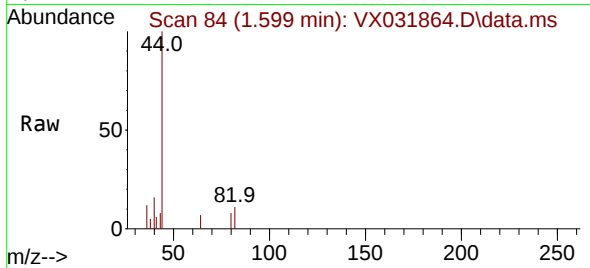




#6
Chloroethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. -0.086 min
Lab File: VX031864.D
Acq: 04 Oct 2022 11:50

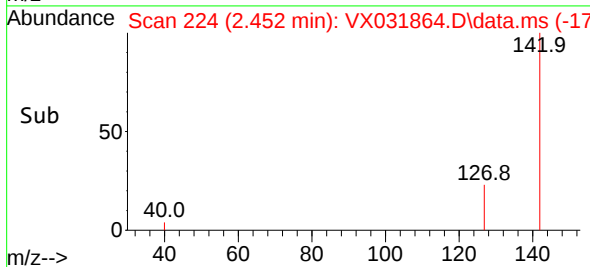
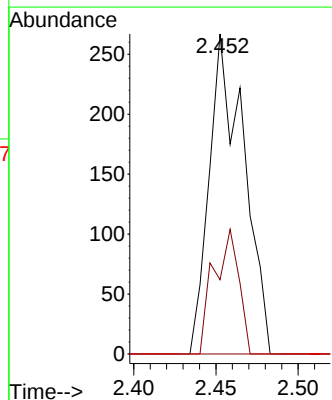
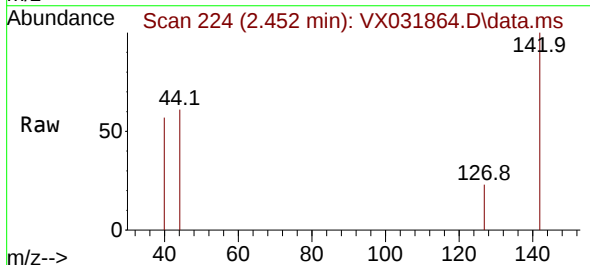
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBL01

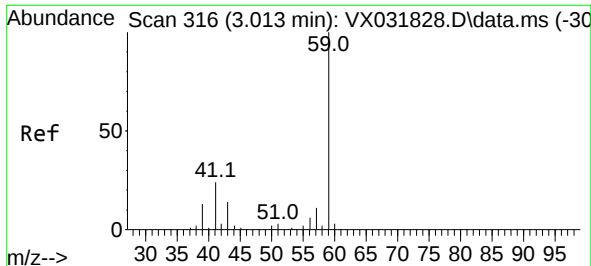
Tgt Ion: 64 Resp: 26
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 0.255 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.001 min
Lab File: VX031864.D
Acq: 04 Oct 2022 11:50

Tgt Ion: 142 Resp: 390
Ion Ratio Lower Upper
142 100
127 28.2 37.4 56.0#
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: 2.891 ug/l

RT: 2.940 min Scan# 30

Delta R.T. -0.141 min

Lab File: VX031864.D

Acq: 04 Oct 2022 11:50

Instrument :

MSVOA_X

ClientSampleId :

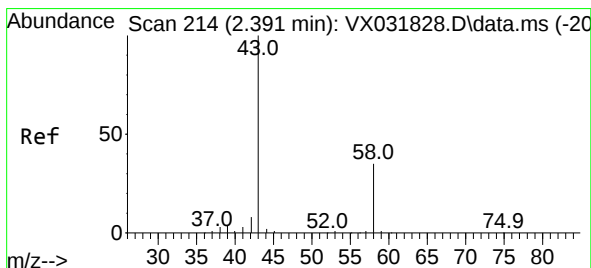
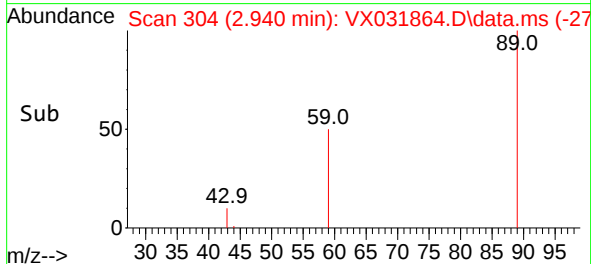
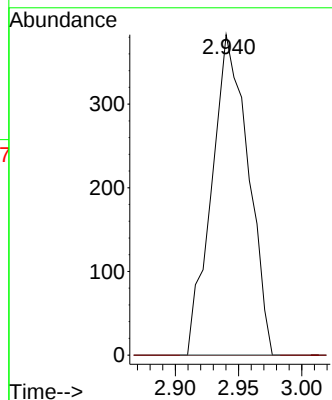
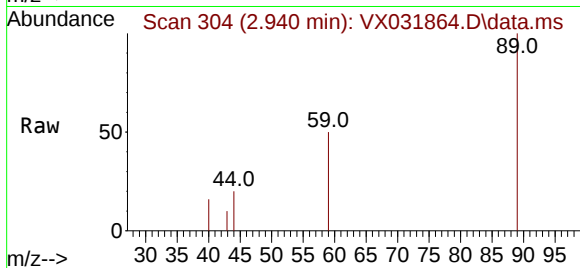
VX1004WBL01

Tgt Ion: 59 Resp: 771

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: Below Cal

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX031864.D

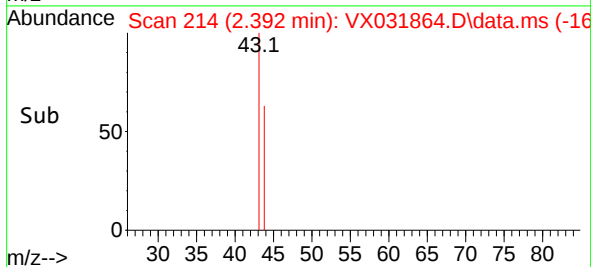
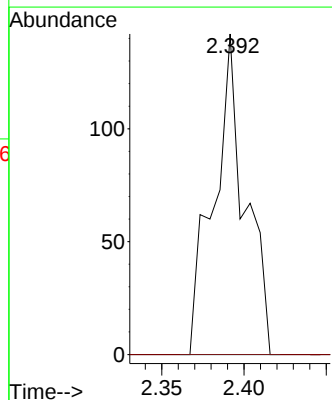
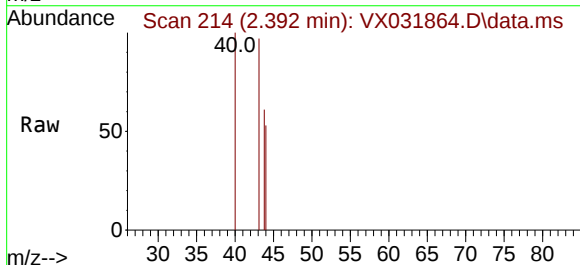
Acq: 04 Oct 2022 11:50

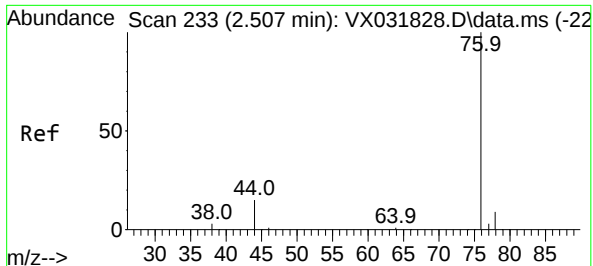
Tgt Ion: 43 Resp: 189

Ion Ratio Lower Upper

43 100

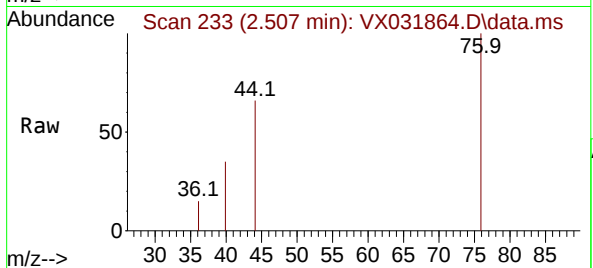
58 0.0 23.8 35.8#



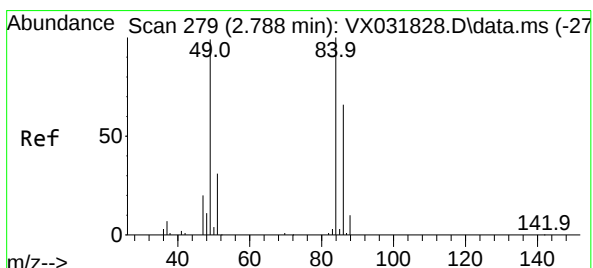
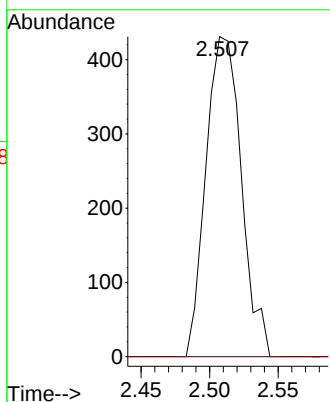
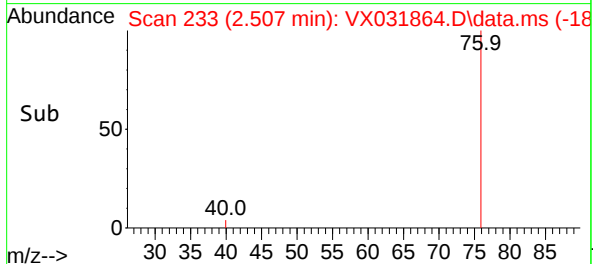


#17
Carbon Disulfide
Concen: Below Cal
RT: 2.507 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX031864.D
Acq: 04 Oct 2022 11:50

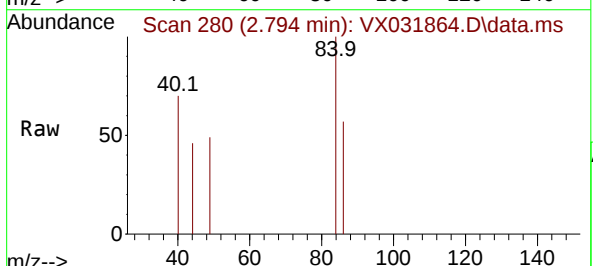
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBL01



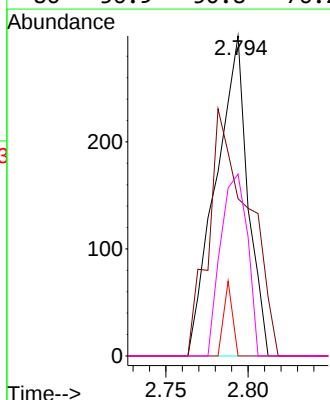
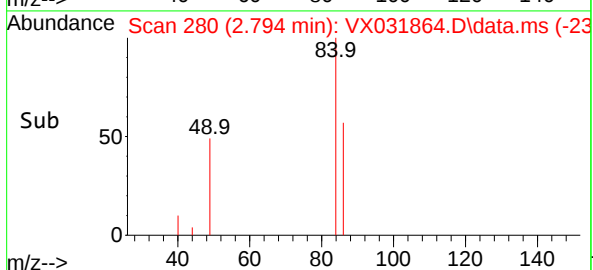
Tgt Ion: 76 Resp: 777
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

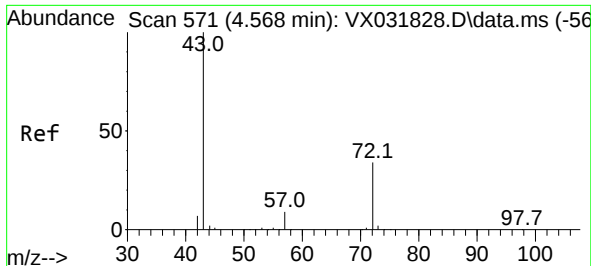


#20
Methylene Chloride
Concen: 0.241 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031864.D
Acq: 04 Oct 2022 11:50



Tgt Ion: 84 Resp: 404
Ion Ratio Lower Upper
84 100
49 49.2 105.9 158.9#
51 0.0 32.2 48.2#
86 56.9 50.8 76.2





#25

2-Butanone

Concen: 0.210 ug/l

RT: 4.586 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX031864.D

Acq: 04 Oct 2022 11:50

Instrument :

MSVOA_X

ClientSampleId :

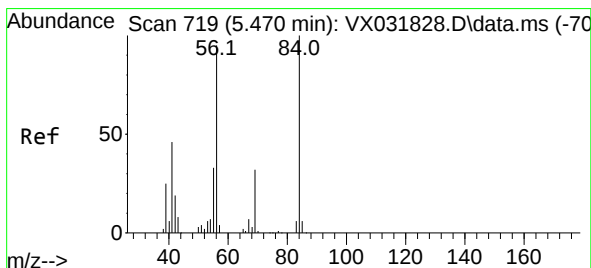
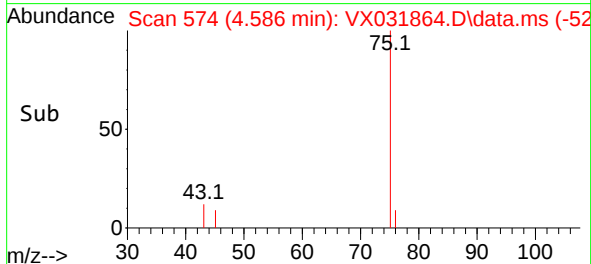
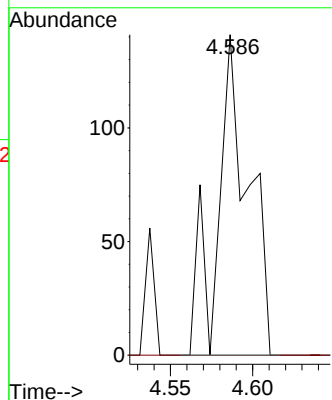
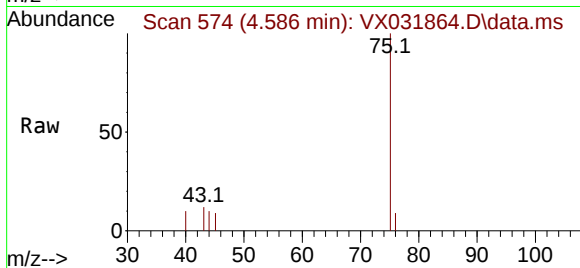
VX1004WBL01

Tgt Ion: 43 Resp: 185

Ion Ratio Lower Upper

43 100

72 0.0 21.1 31.7#



#31

Cyclohexane

Concen: 0.772 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX031864.D

Acq: 04 Oct 2022 11:50

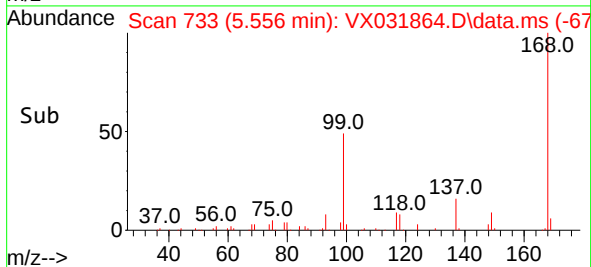
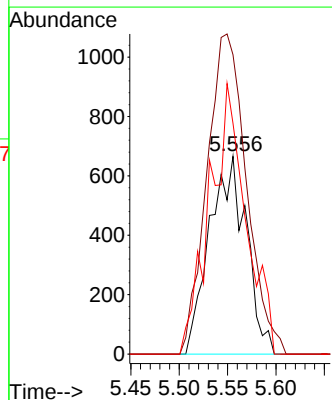
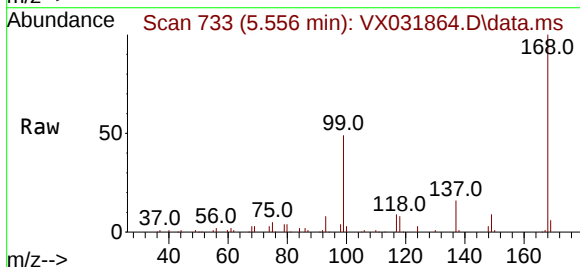
Tgt Ion: 56 Resp: 1761

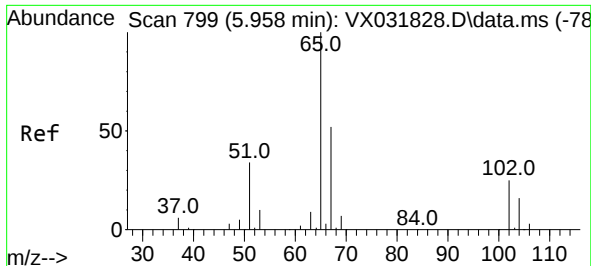
Ion Ratio Lower Upper

56 100

69 151.4 25.1 37.7#

84 116.7 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 46.938 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031864.D

Acq: 04 Oct 2022 11:50

Instrument :

MSVOA_X

ClientSampleId :

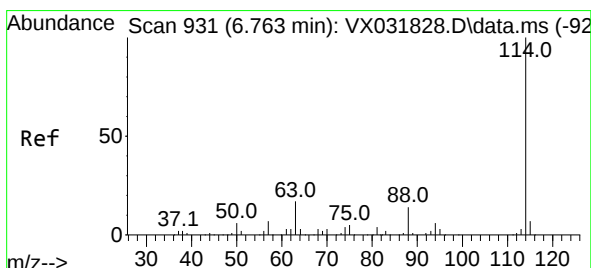
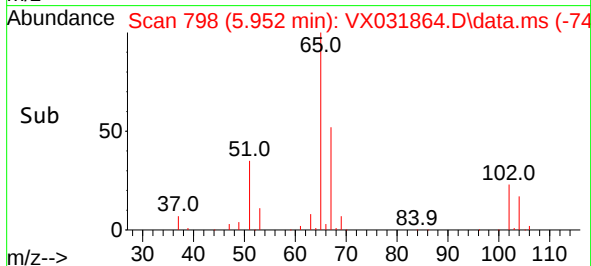
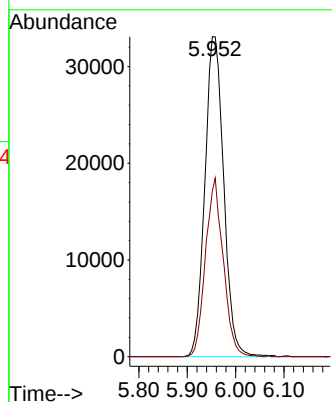
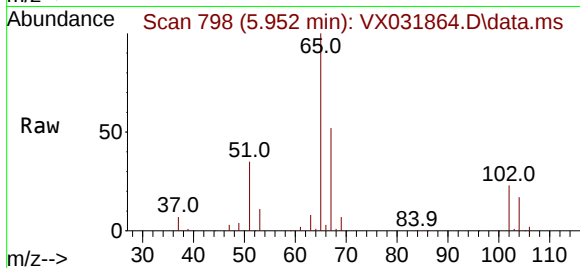
VX1004WBL01

Tgt Ion: 65 Resp: 89911

Ion Ratio Lower Upper

65 100

67 52.4 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031864.D

Acq: 04 Oct 2022 11:50

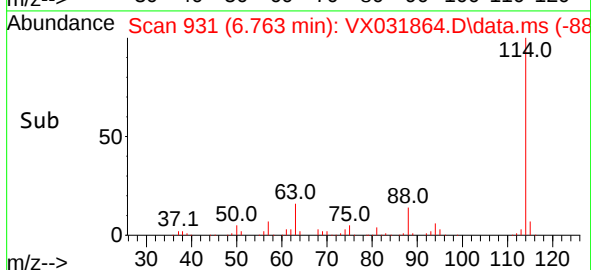
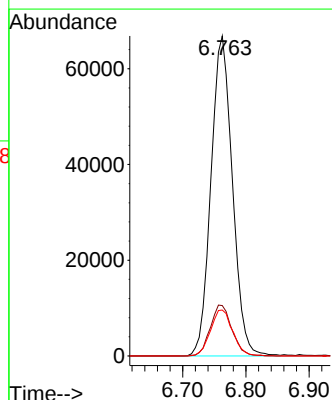
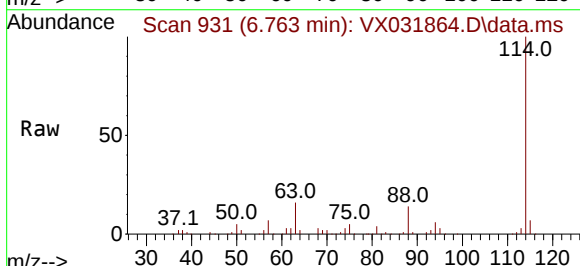
Tgt Ion: 114 Resp: 157199

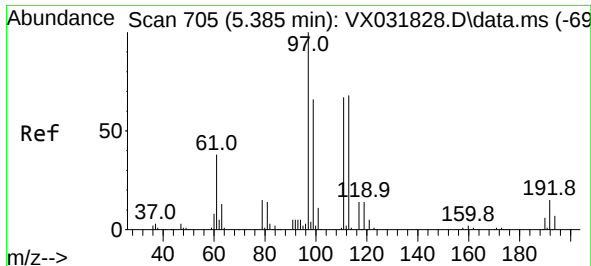
Ion Ratio Lower Upper

114 100

63 15.8 0.0 42.6

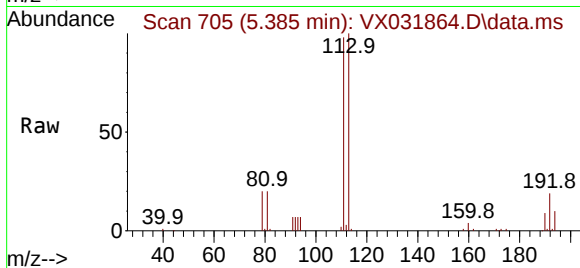
88 14.4 0.0 33.0



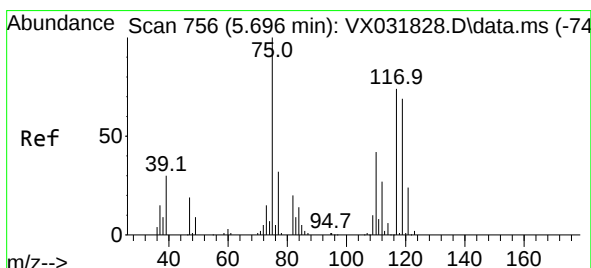
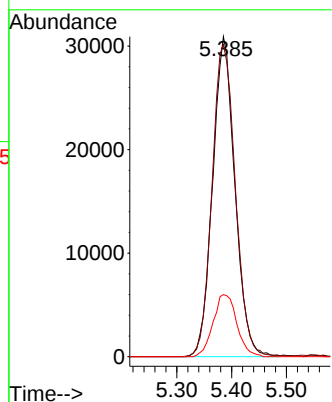
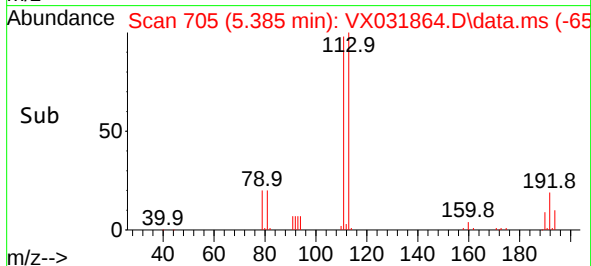


#35
Dibromofluoromethane
Concen: 46.667 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX031864.D
Acq: 04 Oct 2022 11:50

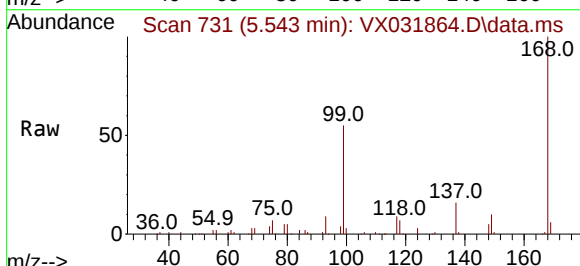
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBL01



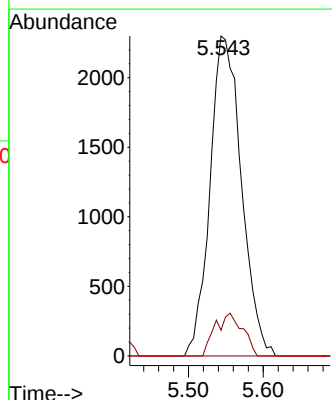
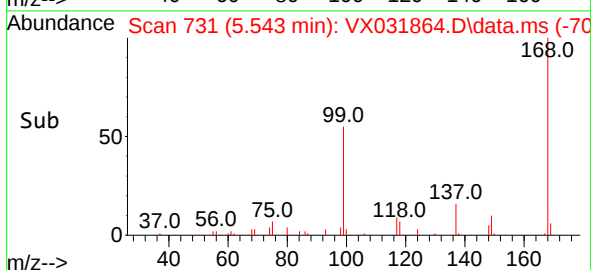
Tgt Ion:113 Resp: 87160
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 20.6 14.1 21.1

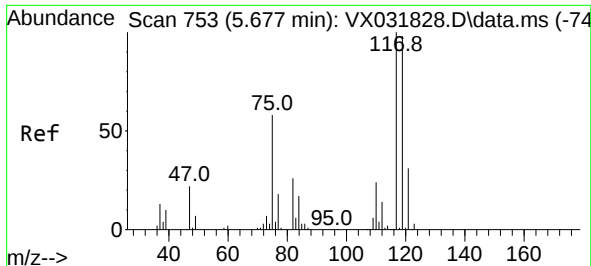


#36
1,1-Dichloropropene
Concen: 2.899 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.153 min
Lab File: VX031864.D
Acq: 04 Oct 2022 11:50



Tgt Ion: 75 Resp: 6713
Ion Ratio Lower Upper
75 100
110 11.7 17.5 52.5#
77 0.0 24.9 37.3#

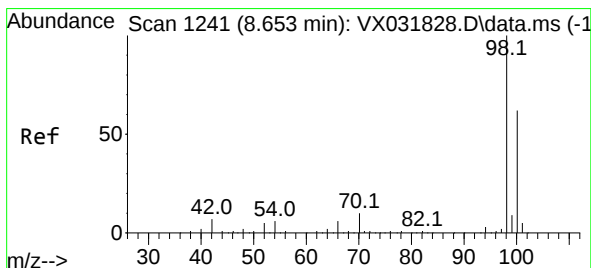
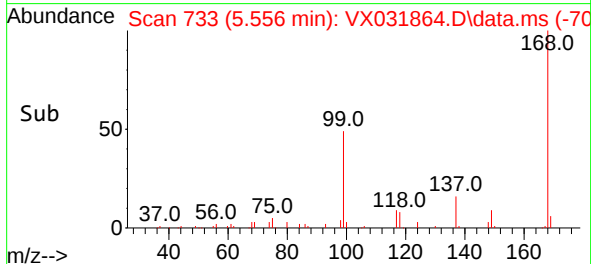
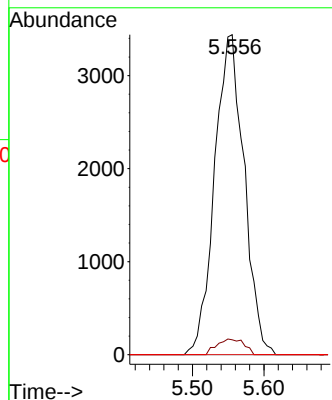
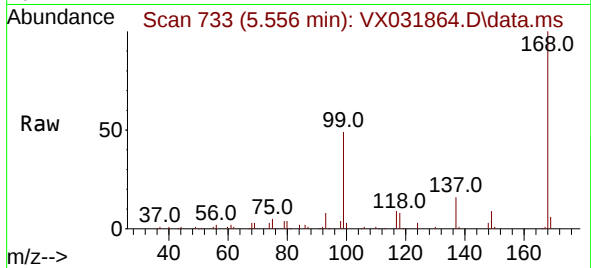




#38
Carbon Tetrachloride
Concen: 3.423 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031864.D
Acq: 04 Oct 2022 11:50

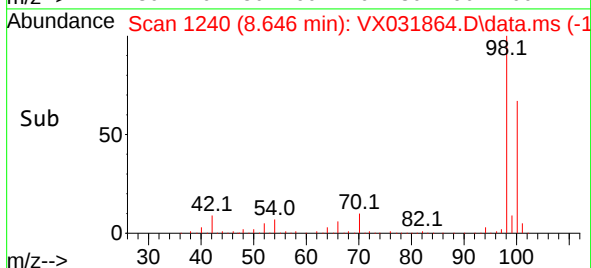
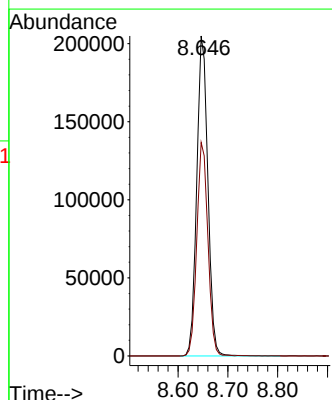
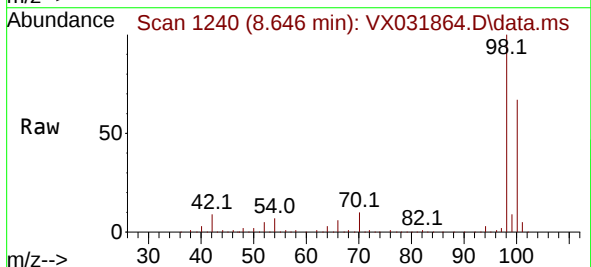
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBL01

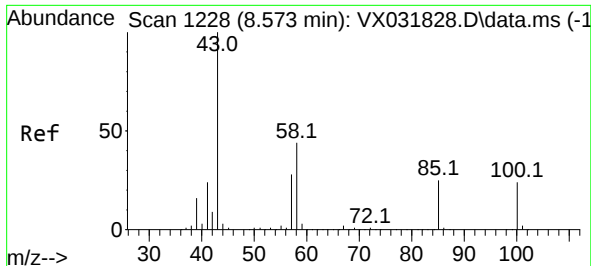
Tgt Ion:117 Resp: 9840
Ion Ratio Lower Upper
117 100
119 4.7 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 47.369 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.007 min
Lab File: VX031864.D
Acq: 04 Oct 2022 11:50

Tgt Ion: 98 Resp: 316493
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7

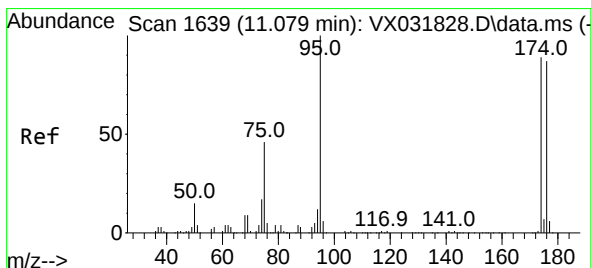
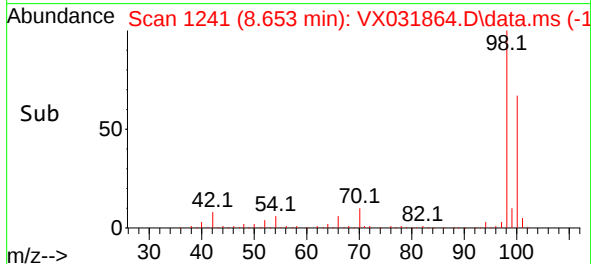
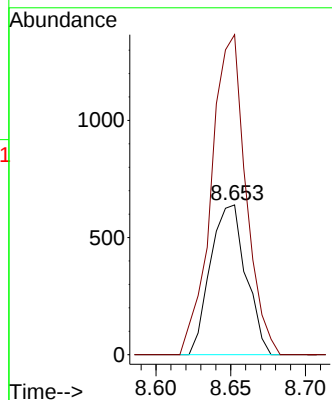
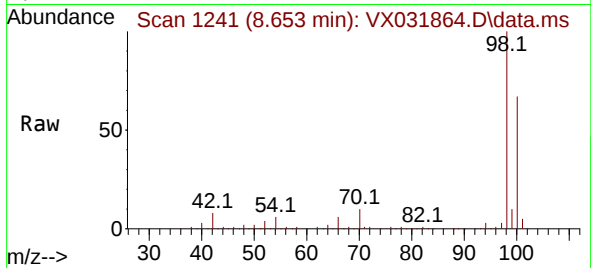




#51
4-Methyl-2-Pentanone
Concen: 0.595 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX031864.D
Acq: 04 Oct 2022 11:50

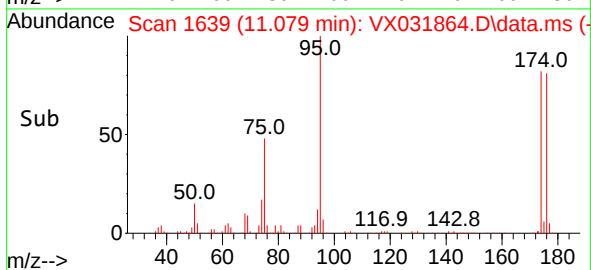
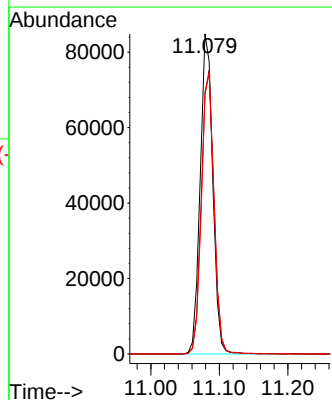
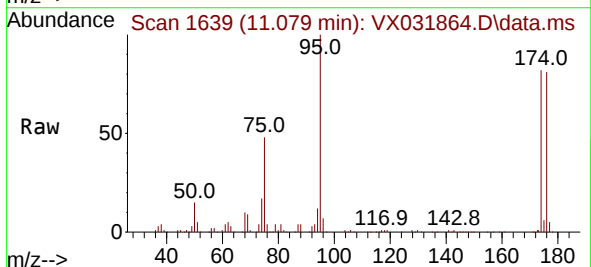
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBL01

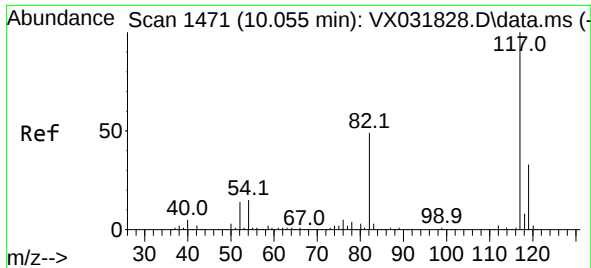
Tgt Ion: 43 Resp: 1059
Ion Ratio Lower Upper
43 100
58 207.6 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 45.137 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031864.D
Acq: 04 Oct 2022 11:50

Tgt Ion: 95 Resp: 108600
Ion Ratio Lower Upper
95 100
174 89.3 0.0 153.2
176 87.4 0.0 144.0

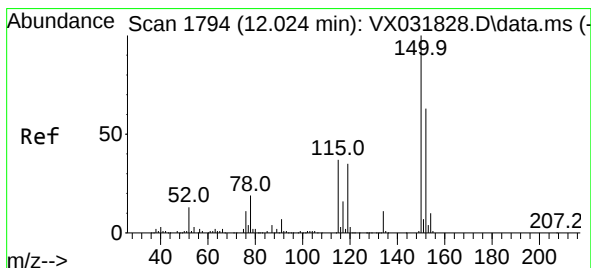
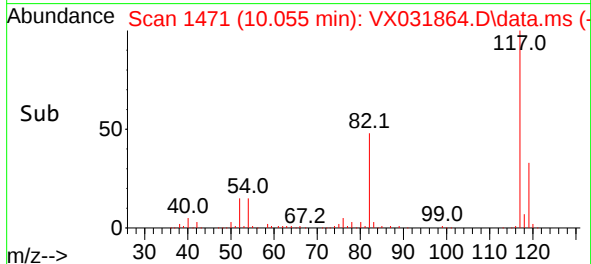
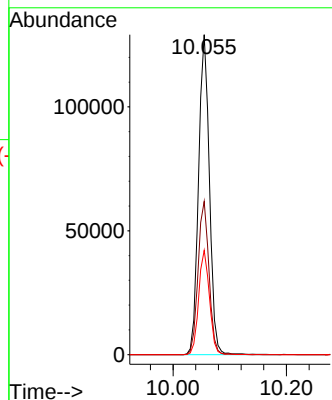
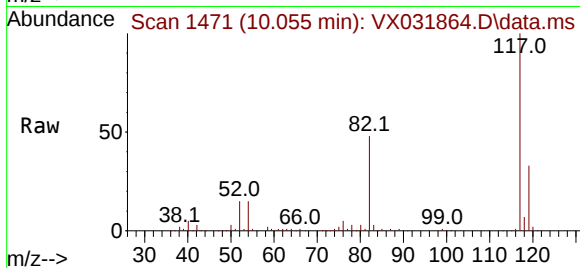




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031864.D
Acq: 04 Oct 2022 11:50

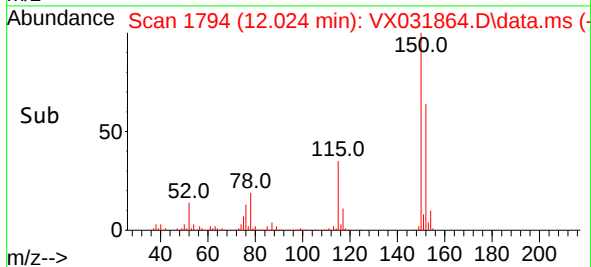
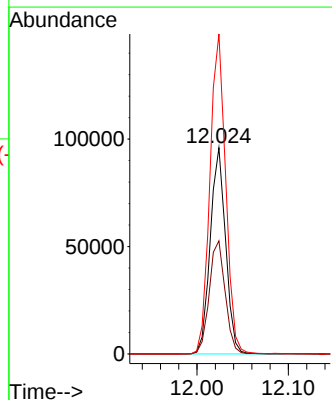
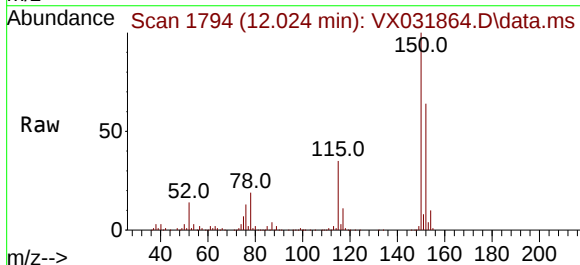
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBL01

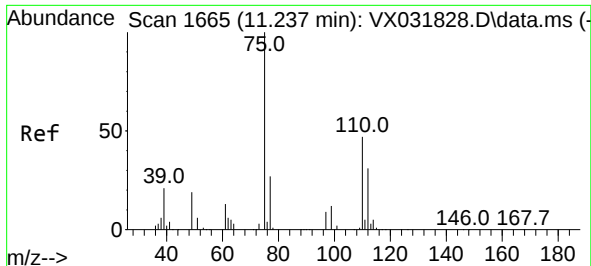
Tgt Ion:117 Resp: 171506
Ion Ratio Lower Upper
117 100
82 47.9 46.8 70.2
119 32.6 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031864.D
Acq: 04 Oct 2022 11:50

Tgt Ion:152 Resp: 112050
Ion Ratio Lower Upper
152 100
115 57.0 43.4 130.1
150 158.4 0.0 346.8

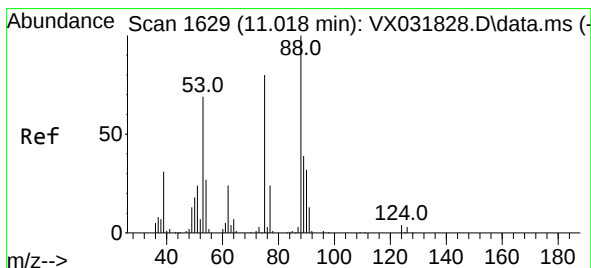
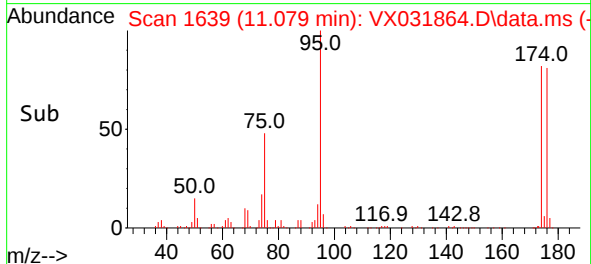
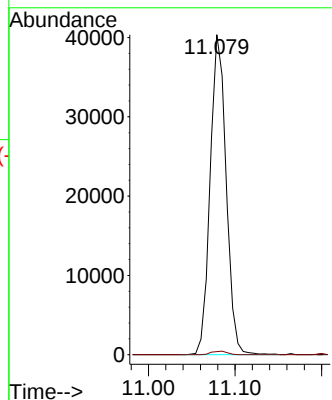
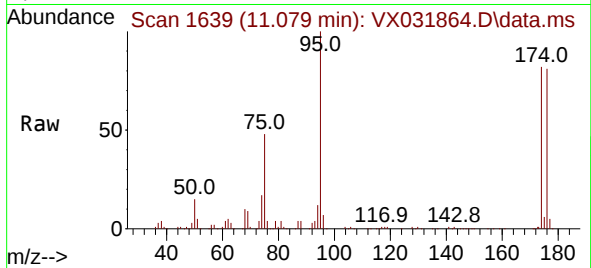




#76
1,2,3-Trichloropropane
Concen: 25.376 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX031864.D
Acq: 04 Oct 2022 11:50

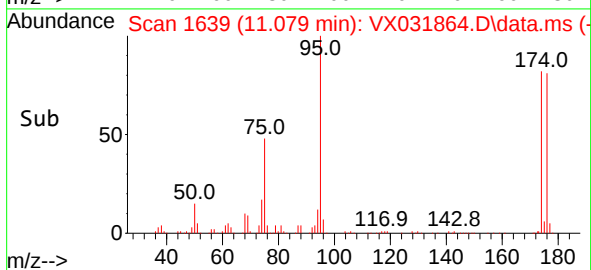
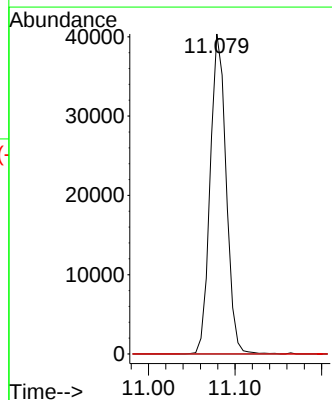
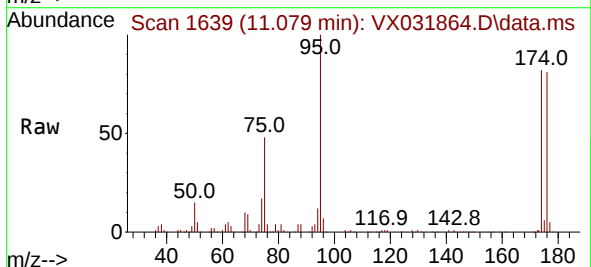
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBL01

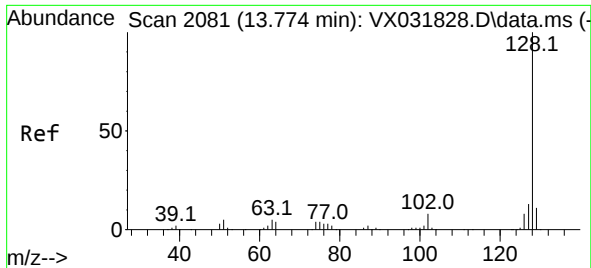
Tgt Ion: 75 Resp: 51732
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.111 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031864.D
Acq: 04 Oct 2022 11:50

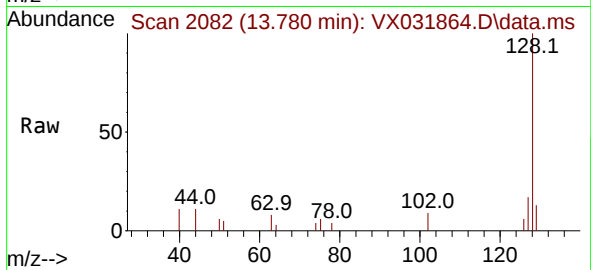
Tgt Ion: 75 Resp: 51732
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#





#95
Naphthalene
Concen: 0.450 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031864.D
Acq: 04 Oct 2022 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBL01



Tgt Ion:128 Resp: 3385
Ion Ratio Lower Upper
128 100
127 12.2 10.4 15.6
129 7.7 8.8 13.2#

