

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012023\
 Data File : VX033818.D
 Acq On : 20 Jan 2023 11:12
 Operator : JC/MD
 Sample : VX0120WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0120WBL01

Quant Time: Jan 21 04:41:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

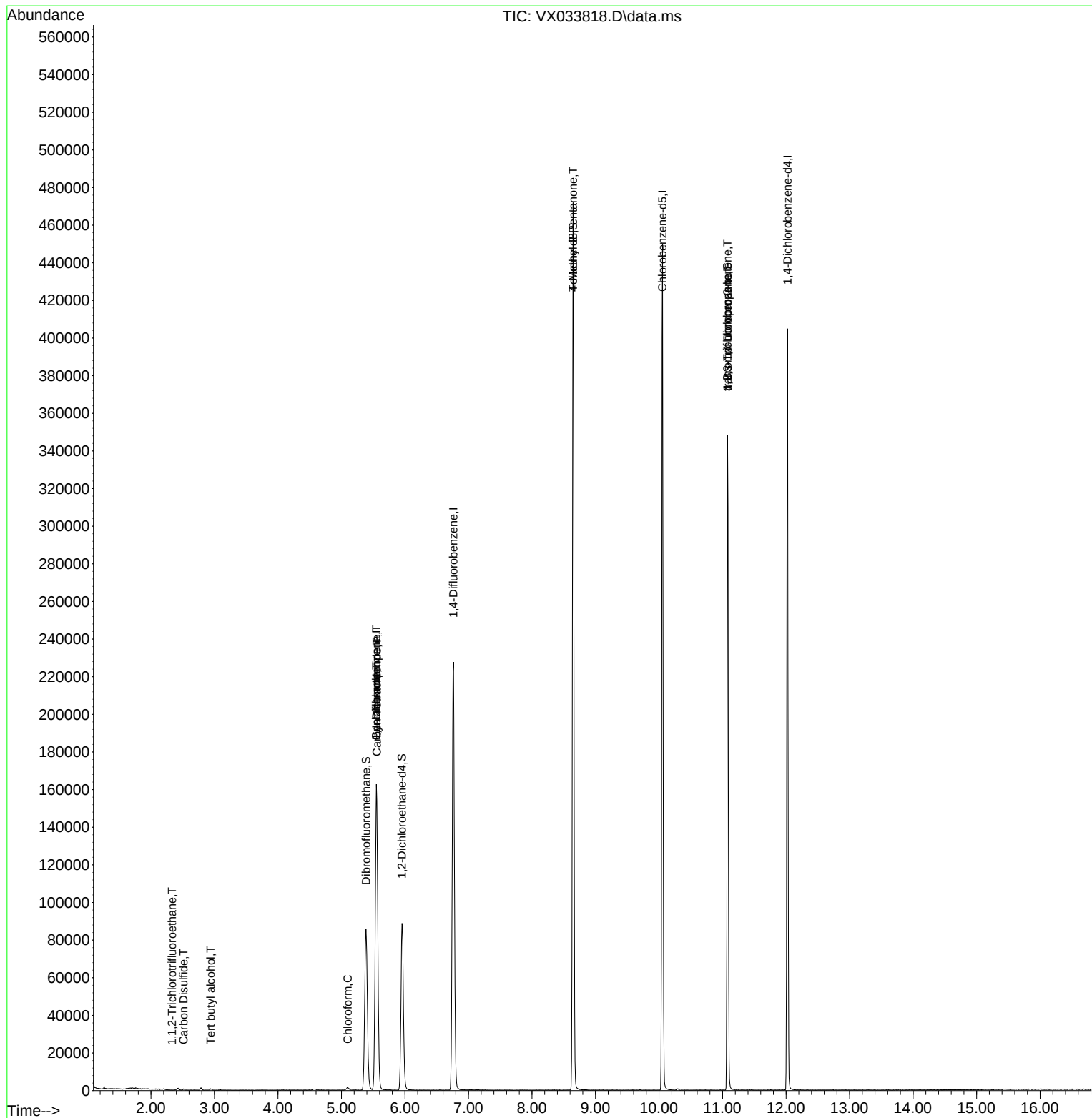
Internal Standards						
1) Pentafluorobenzene	5.550	168	172567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	249930	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84264	46.376	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.760%
35) Dibromofluoromethane	5.385	113	75540	48.675	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.340%
50) Toluene-d8	8.647	98	281448	49.774	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.540%
62) 4-Bromofluorobenzene	11.079	95	92937	44.268	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.540%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	20	0.733	ug/l #	16
11) Tert butyl alcohol	2.940	59	350	1.109	ug/l #	86
16) Acetone	2.386	43	354	Below Cal	#	47
17) Carbon Disulfide	2.514	76	642	1.996	ug/l #	76
20) Methylene Chloride	2.800	84	592	Below Cal	#	67
30) Chloroform	5.099	83	1826	0.612	ug/l	93
31) Cyclohexane	5.550	56	2754	1.030	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10298	4.547	ug/l #	48
38) Carbon Tetrachloride	5.556	117	15038	6.410	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1199	0.546	ug/l #	1
73) Isopropylbenzene	10.963	105	103	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	42275	23.871	ug/l #	34
79) 2-Chlorotoluene	11.305	91	225	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	42275	74.187	ug/l #	8
82) 4-Chlorotoluene	11.463	91	202	Below Cal	#	66

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012023\
Data File : VX033818.D
Acq On : 20 Jan 2023 11:12
Operator : JC/MD
Sample : VX0120WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBL01

Quant Time: Jan 21 04:41:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration

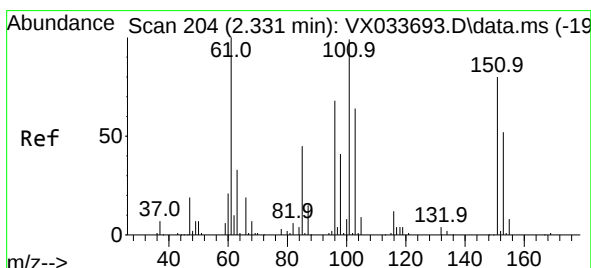
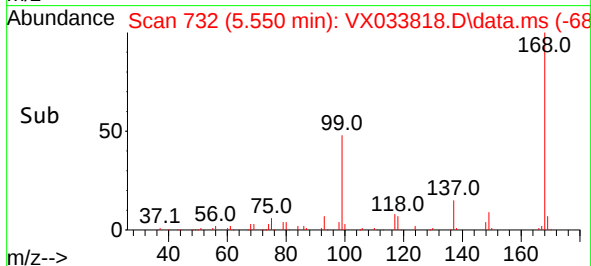
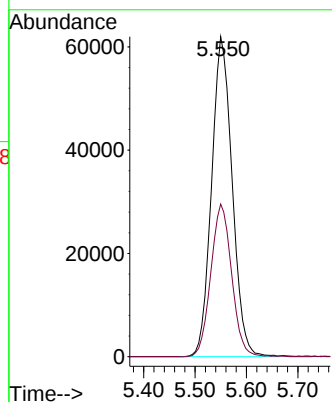
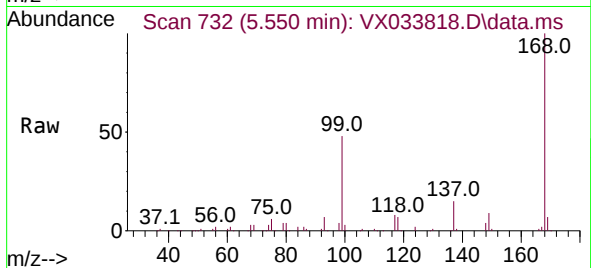




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX033818.D
Acq: 20 Jan 2023 11:12

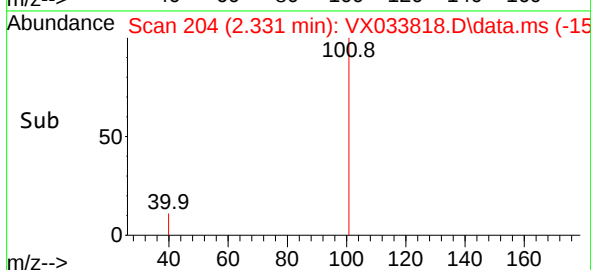
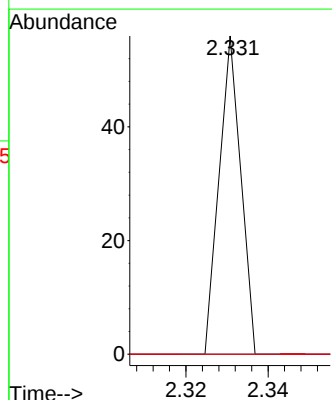
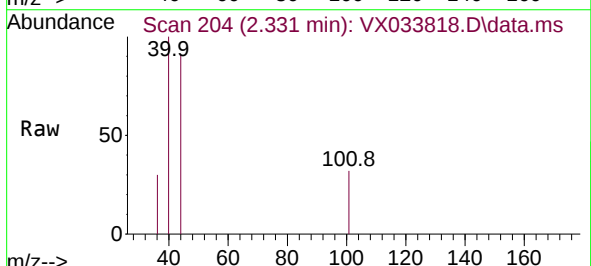
Instrument :
MSVOA_X
ClientSampleId :
VX0120WBL01

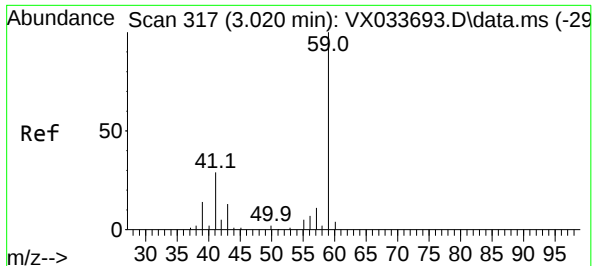
Tgt Ion:168 Resp: 172567
Ion Ratio Lower Upper
168 100
99 47.7 39.6 59.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.733 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033818.D
Acq: 20 Jan 2023 11:12

Tgt Ion:101 Resp: 20
Ion Ratio Lower Upper
101 100
85 0.0 36.7 55.1#
151 0.0 66.5 99.7#





#11

Tert butyl alcohol

Concen: 1.109 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.079 min

Lab File: VX033818.D

Acq: 20 Jan 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

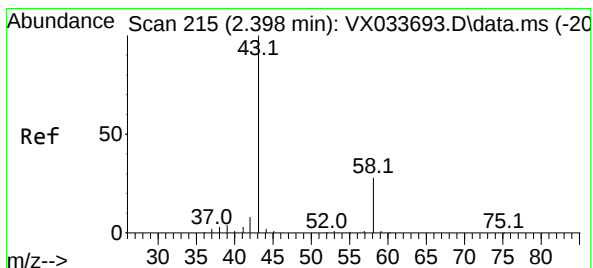
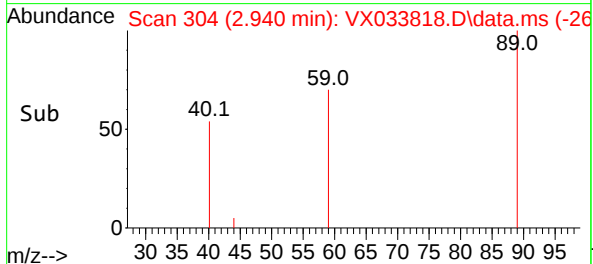
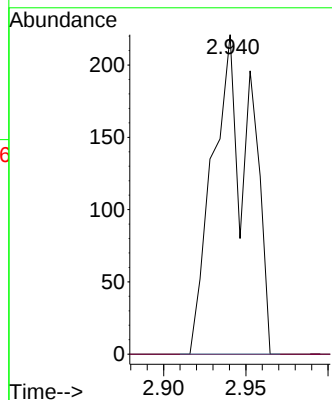
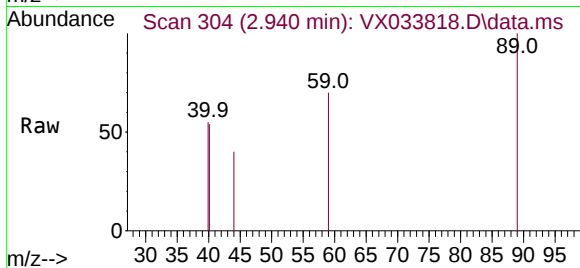
VX0120WBL01

Tgt Ion: 59 Resp: 350

Ion Ratio Lower Upper

59 100

57 0.0 3.7 5.5#



#16

Acetone

Concen: Below Cal

RT: 2.386 min Scan# 213

Delta R.T. -0.012 min

Lab File: VX033818.D

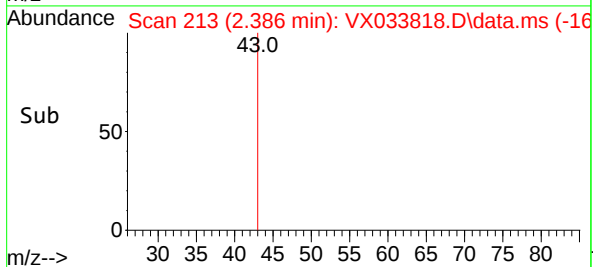
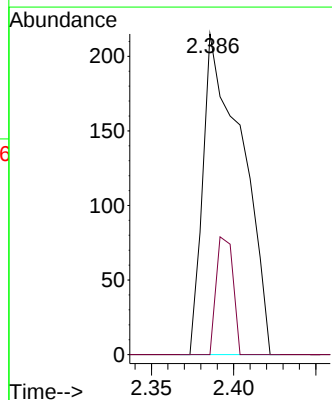
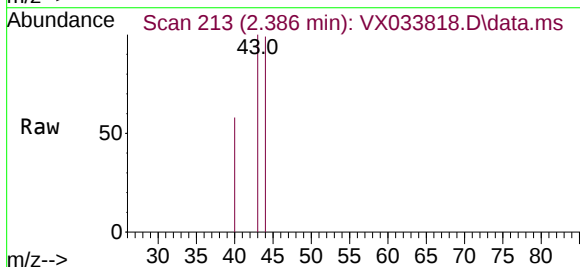
Acq: 20 Jan 2023 11:12

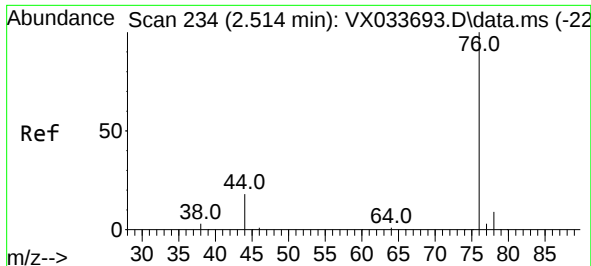
Tgt Ion: 43 Resp: 354

Ion Ratio Lower Upper

43 100

58 0.0 22.6 33.8#





#17

Carbon Disulfide

Concen: 1.996 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX033818.D

Acq: 20 Jan 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

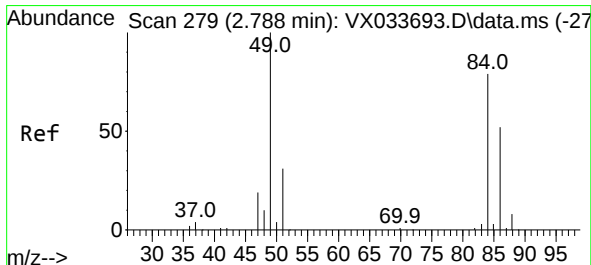
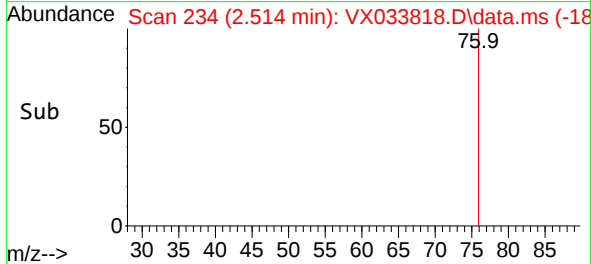
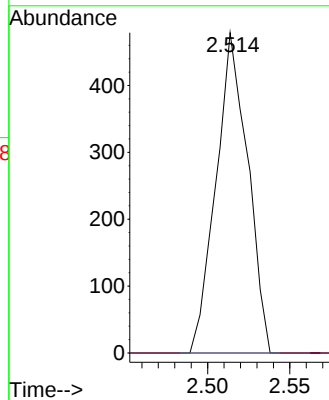
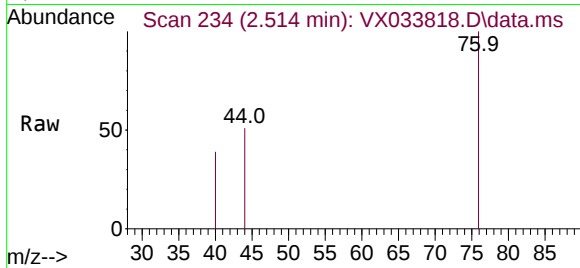
VX0120WBL01

Tgt Ion: 76 Resp: 642

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.800 min Scan# 281

Delta R.T. 0.012 min

Lab File: VX033818.D

Acq: 20 Jan 2023 11:12

Tgt Ion: 84 Resp: 592

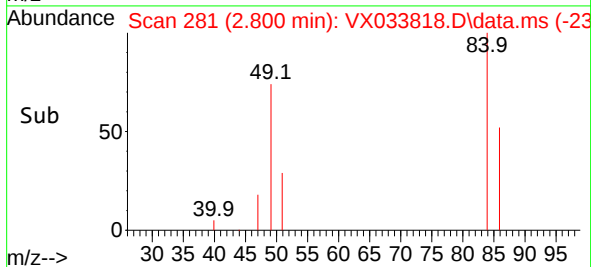
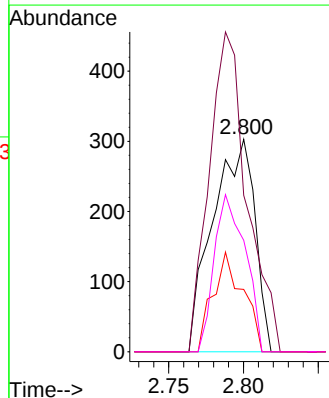
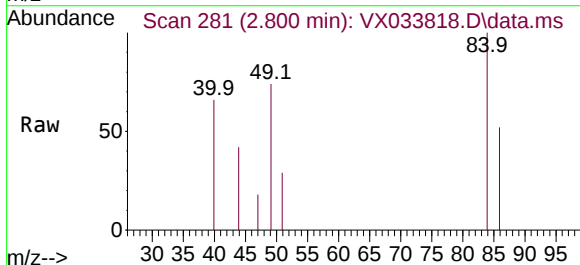
Ion Ratio Lower Upper

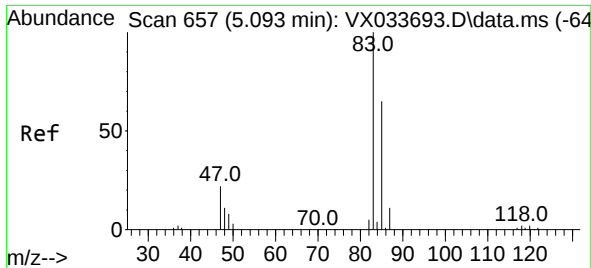
84 100

49 73.6 101.1 151.7#

51 29.4 31.0 46.6#

86 52.5 52.6 79.0#

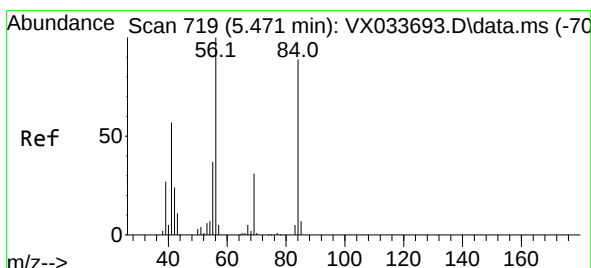
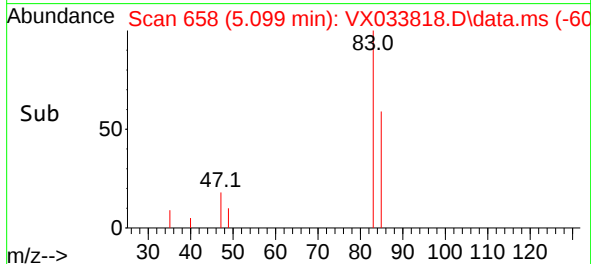
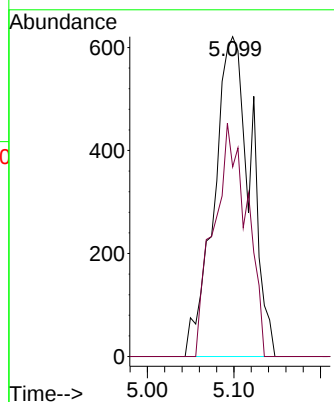
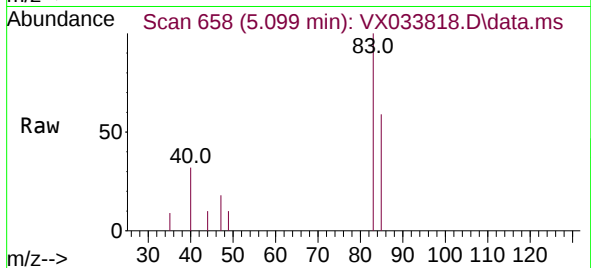




#30
Chloroform
Concen: 0.612 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX033818.D
Acq: 20 Jan 2023 11:12

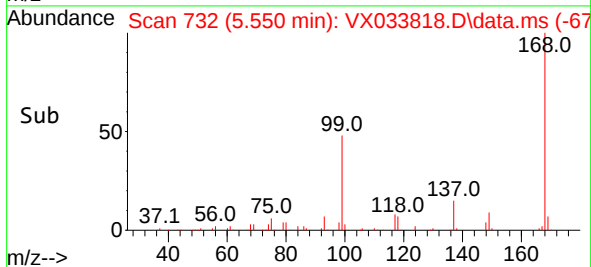
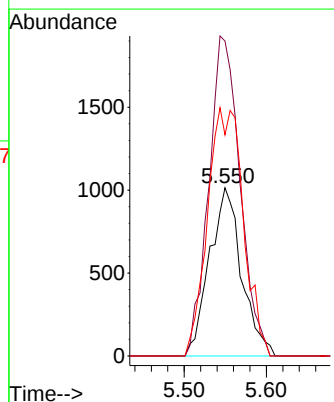
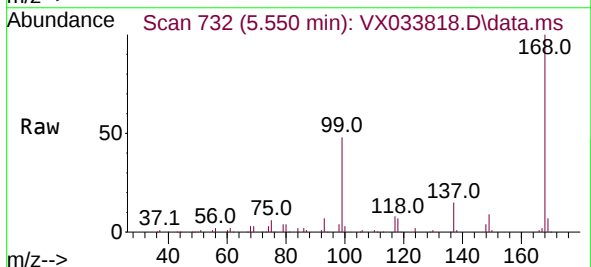
Instrument :
MSVOA_X
ClientSampleId :
VX0120WBL01

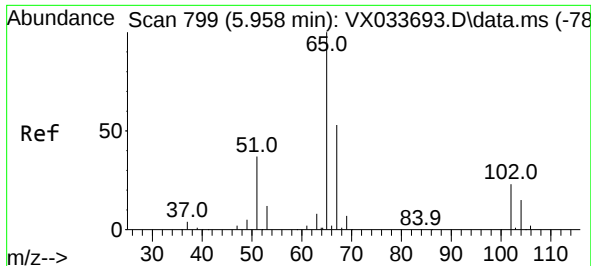
Tgt Ion: 83 Resp: 1826
Ion Ratio Lower Upper
83 100
85 59.3 52.1 78.1



#31
Cyclohexane
Concen: 1.030 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX033818.D
Acq: 20 Jan 2023 11:12

Tgt Ion: 56 Resp: 2754
Ion Ratio Lower Upper
56 100
69 187.3 24.6 37.0#
84 131.6 71.0 106.6#

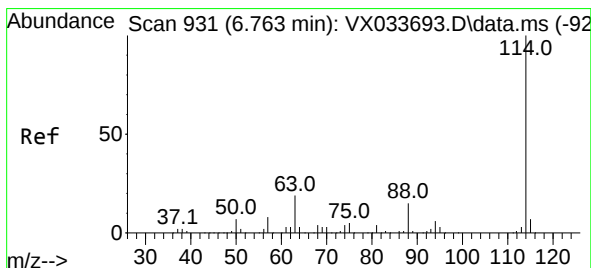
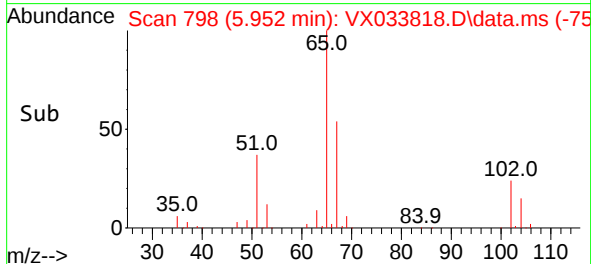
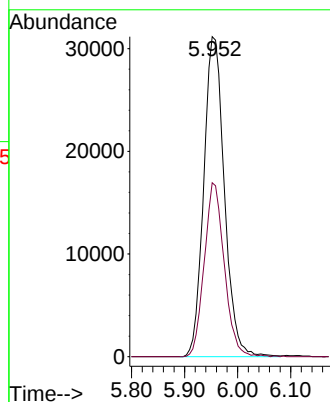
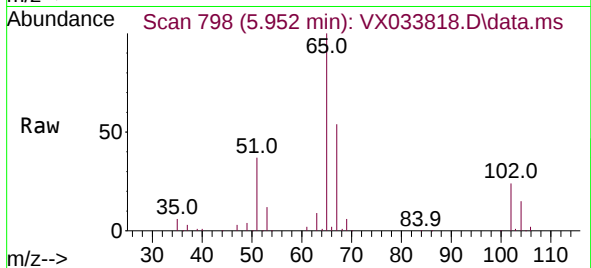




#33
 1,2-Dichloroethane-d4
 Concen: 46.376 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX033818.D
 Acq: 20 Jan 2023 11:12

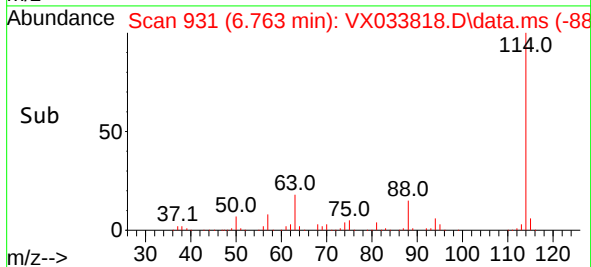
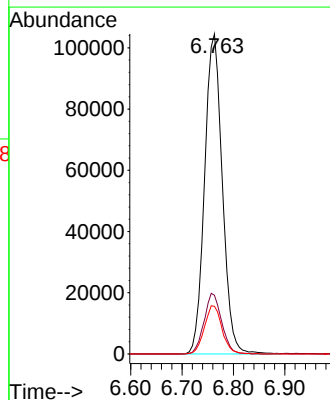
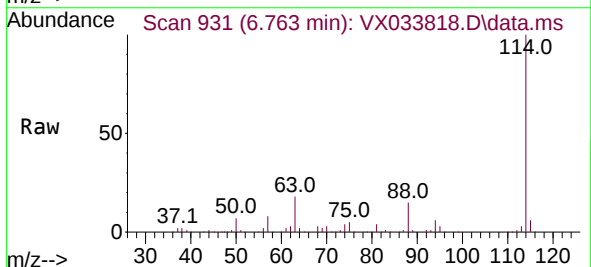
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0120WBL01

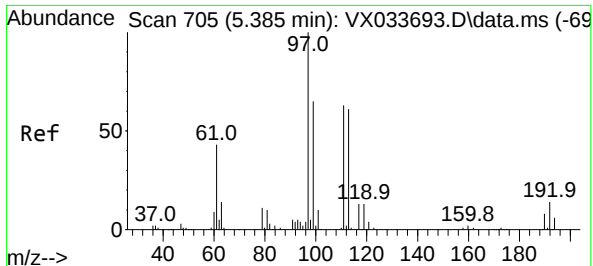
Tgt Ion: 65 Resp: 84264
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX033818.D
 Acq: 20 Jan 2023 11:12

Tgt Ion: 114 Resp: 249930
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 37.4
 88 14.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.675 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX033818.D

Acq: 20 Jan 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX0120WBL01

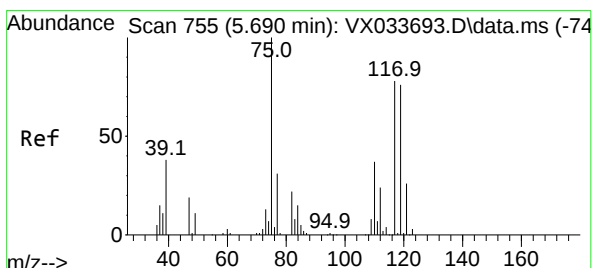
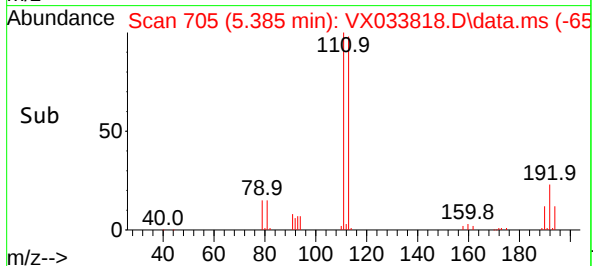
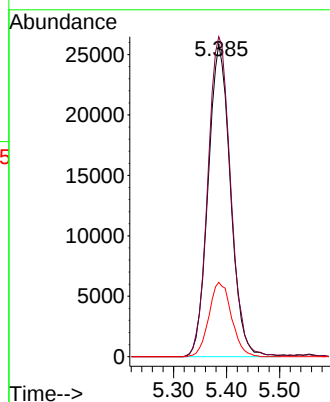
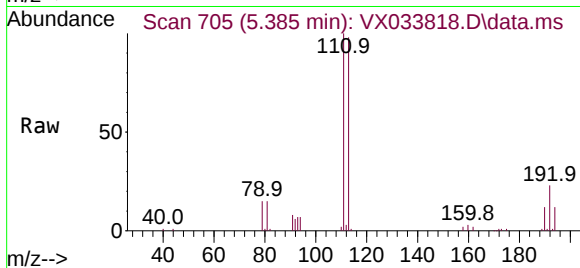
Tgt Ion:113 Resp: 75540

Ion Ratio Lower Upper

113 100

111 104.6 83.0 124.6

192 24.1 19.0 28.4



#36

1,1-Dichloropropene

Concen: 4.547 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX033818.D

Acq: 20 Jan 2023 11:12

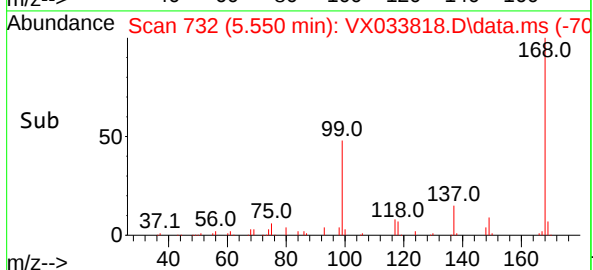
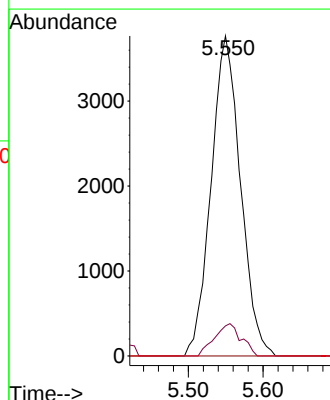
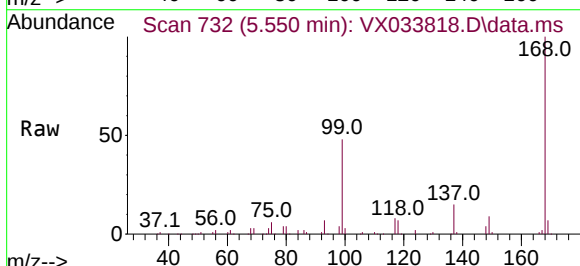
Tgt Ion: 75 Resp: 10298

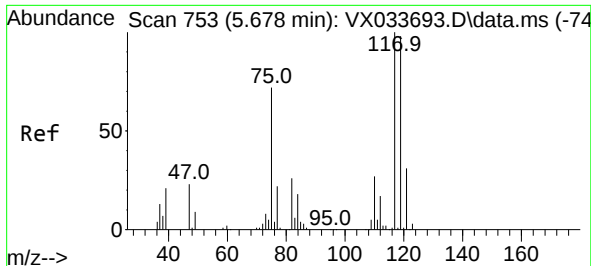
Ion Ratio Lower Upper

75 100

110 9.2 18.8 56.4#

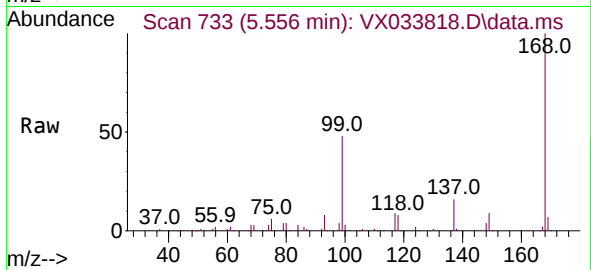
77 0.0 25.1 37.7#



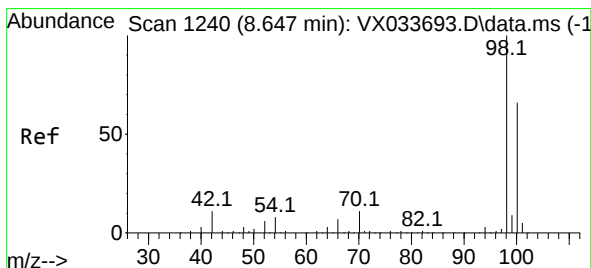
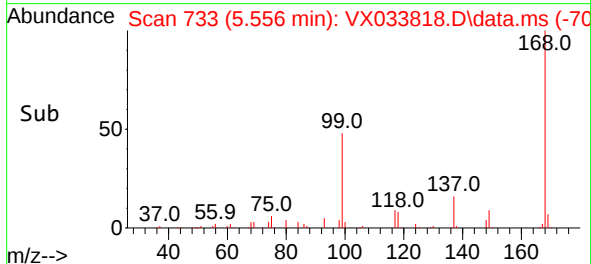
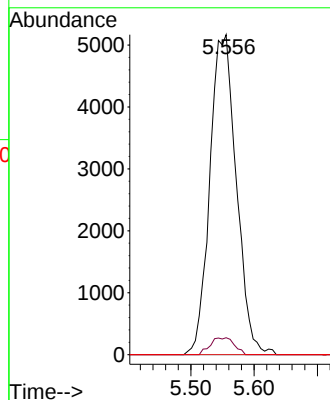


#38
Carbon Tetrachloride
Concen: 6.410 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX033818.D
Acq: 20 Jan 2023 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBL01

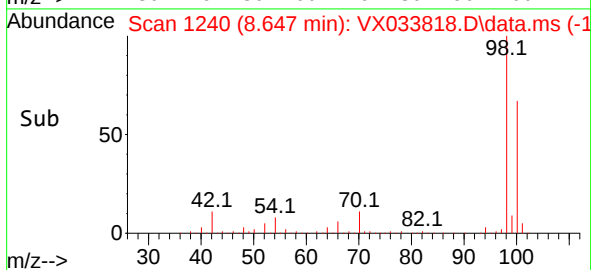
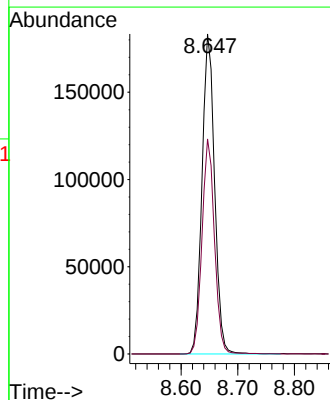
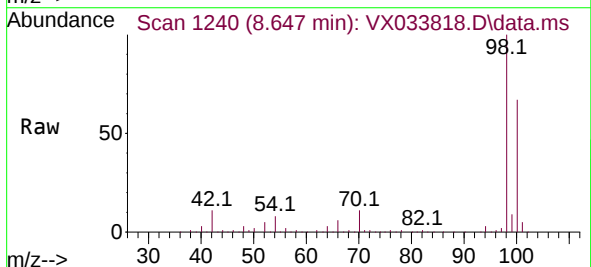


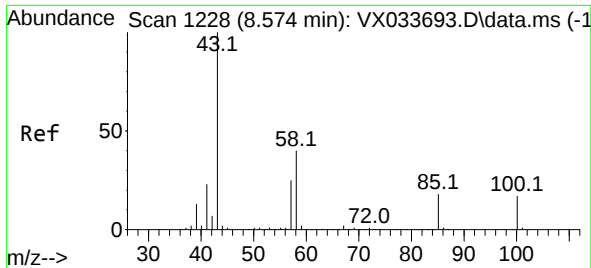
Tgt Ion:117 Resp: 15038
Ion Ratio Lower Upper
117 100
119 5.3 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.774 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033818.D
Acq: 20 Jan 2023 11:12

Tgt Ion: 98 Resp: 281448
Ion Ratio Lower Upper
98 100
100 66.5 53.6 80.4





#51

4-Methyl-2-Pentanone

Concen: 0.546 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX033818.D

Acq: 20 Jan 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

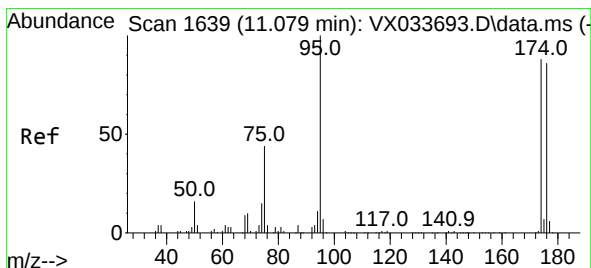
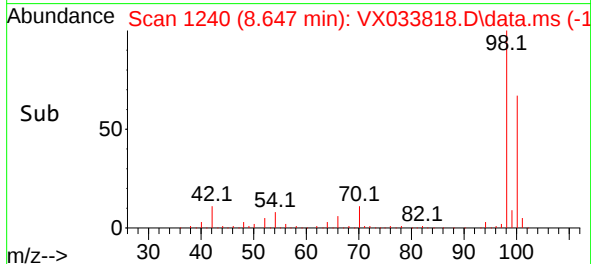
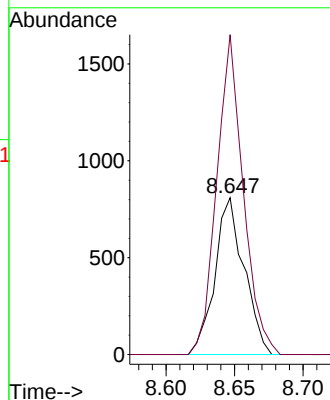
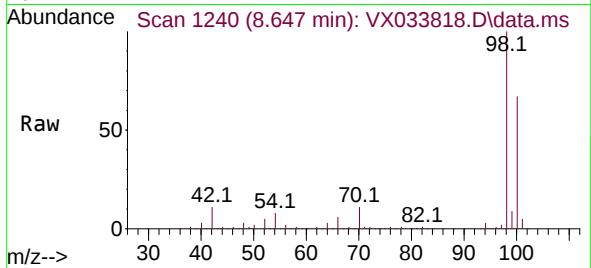
VX0120WBL01

Tgt Ion: 43 Resp: 1199

Ion Ratio Lower Upper

43 100

58 185.4 31.2 46.8#



#62

4-Bromofluorobenzene

Concen: 44.268 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033818.D

Acq: 20 Jan 2023 11:12

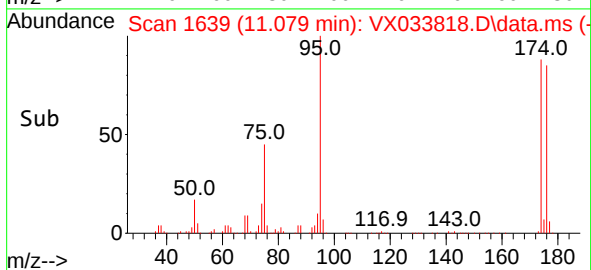
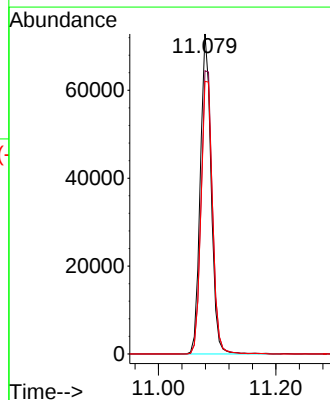
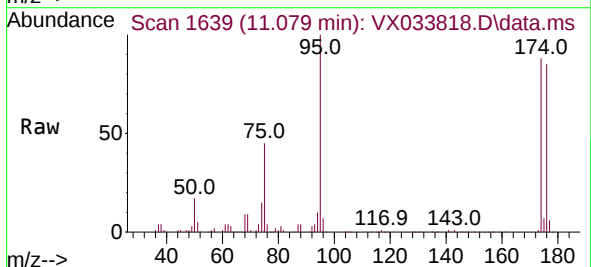
Tgt Ion: 95 Resp: 92937

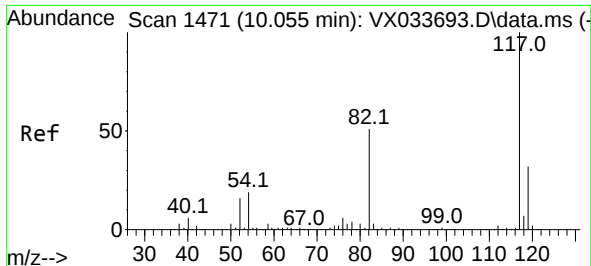
Ion Ratio Lower Upper

95 100

174 93.0 0.0 184.4

176 90.6 0.0 178.8

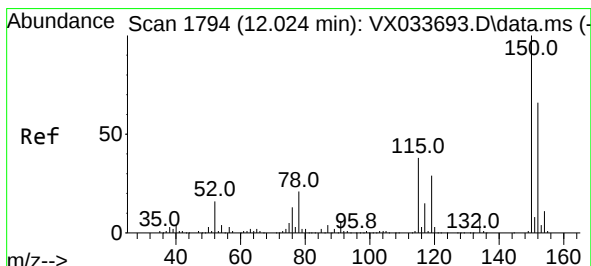
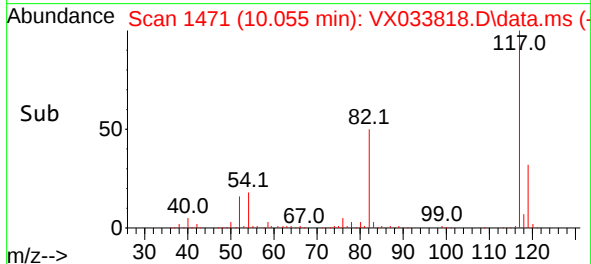
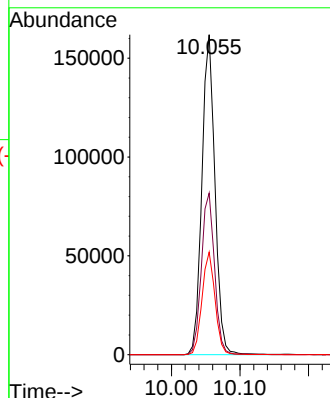
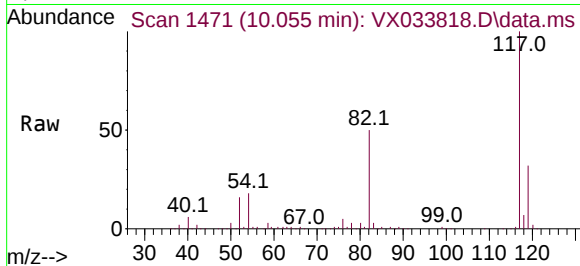




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033818.D
Acq: 20 Jan 2023 11:12

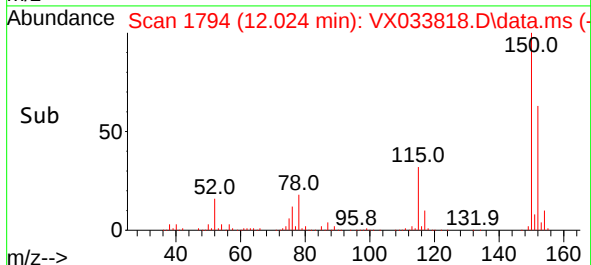
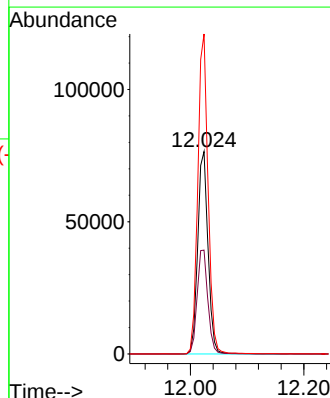
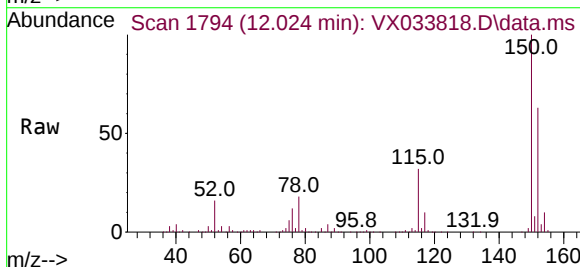
Instrument :
MSVOA_X
ClientSampleId :
VX0120WBL01

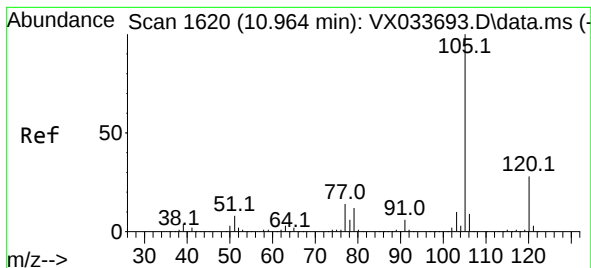
Tgt Ion:117 Resp: 215024
Ion Ratio Lower Upper
117 100
82 50.5 40.6 60.8
119 32.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033818.D
Acq: 20 Jan 2023 11:12

Tgt Ion:152 Resp: 96389
Ion Ratio Lower Upper
152 100
115 53.5 38.7 116.1
150 157.3 0.0 348.2





#73

Isopropylbenzene

Concen: Below Cal

RT: 10.963 min Scan# 1620

Delta R.T. -0.001 min

Lab File: VX033818.D

Acq: 20 Jan 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

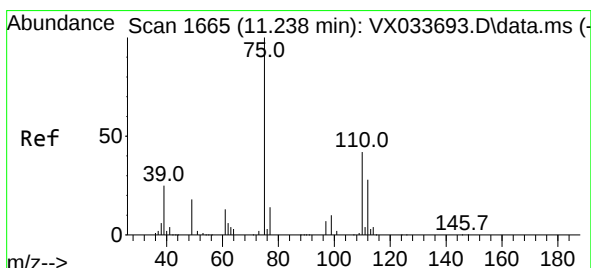
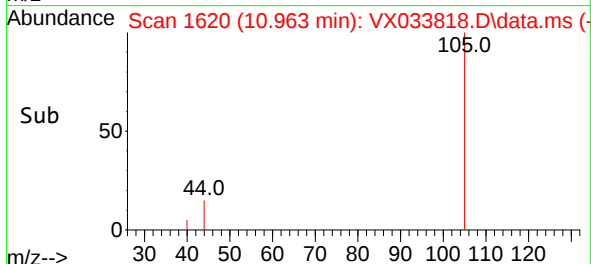
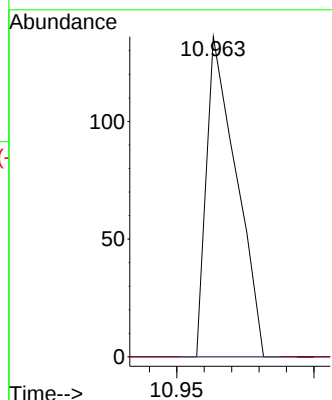
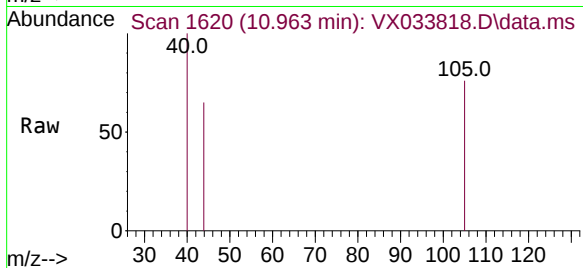
VX0120WBL01

Tgt Ion:105 Resp: 103

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.8#



#76

1,2,3-Trichloropropane

Concen: 23.871 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX033818.D

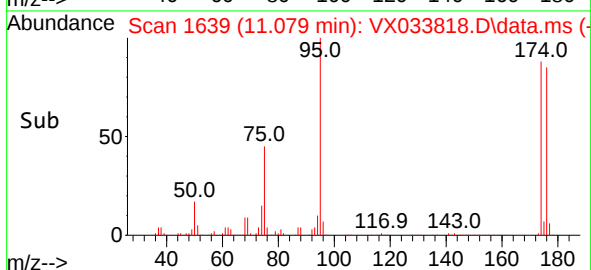
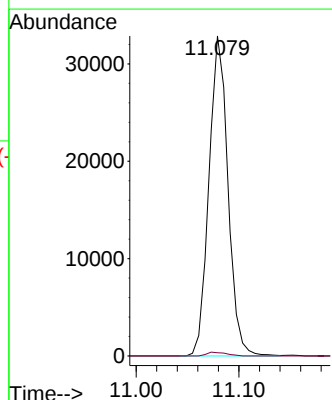
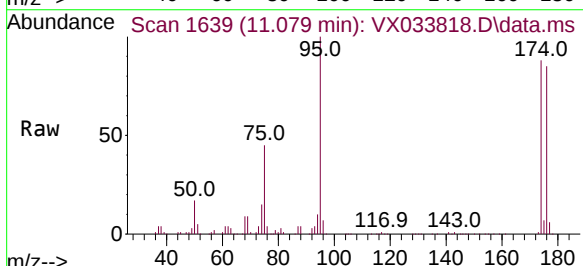
Acq: 20 Jan 2023 11:12

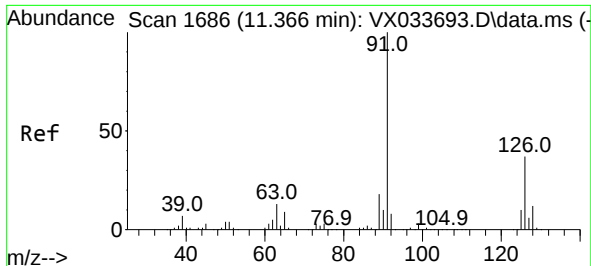
Tgt Ion: 75 Resp: 42275

Ion Ratio Lower Upper

75 100

77 1.2 21.8 65.4#

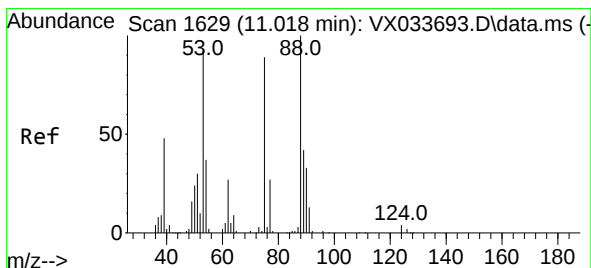
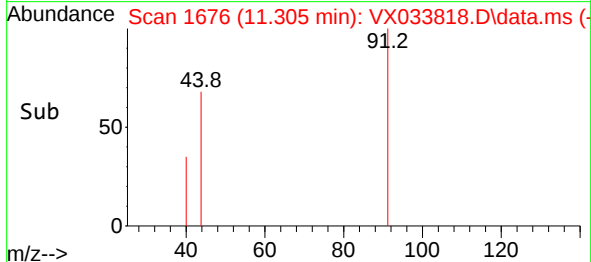
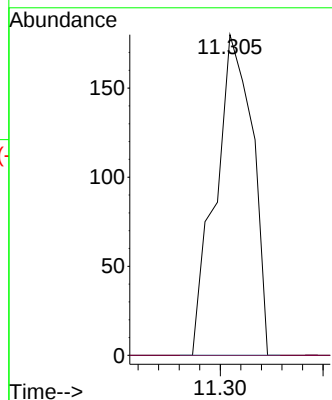
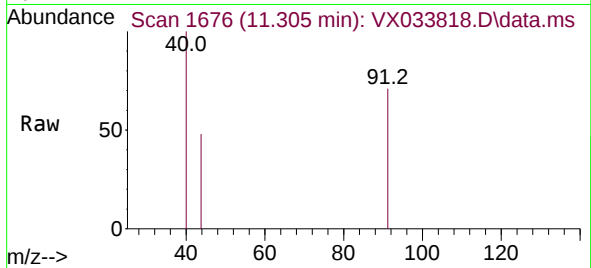




#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.305 min Scan# 1676
Delta R.T. -0.061 min
Lab File: VX033818.D
Acq: 20 Jan 2023 11:12

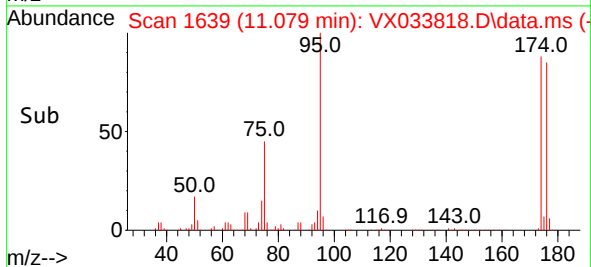
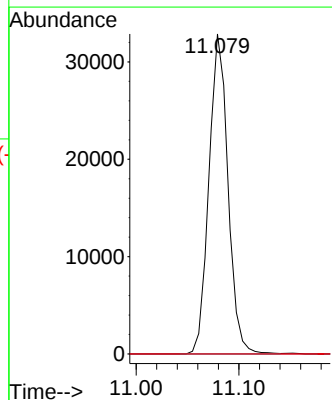
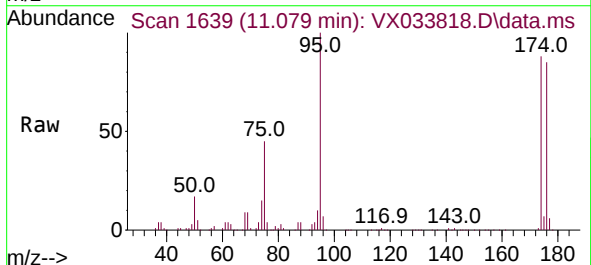
Instrument :
MSVOA_X
ClientSampleId :
VX0120WBL01

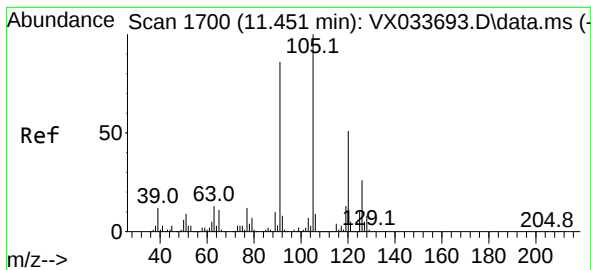
Tgt Ion: 91 Resp: 225
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.187 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033818.D
Acq: 20 Jan 2023 11:12

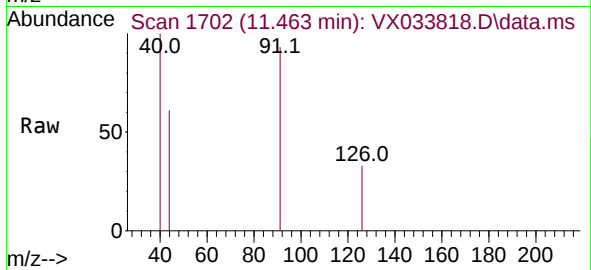
Tgt Ion: 75 Resp: 42275
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#





#82
 4-Chlorotoluene
 Concen: Below Cal
 RT: 11.463 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: VX033818.D
 Acq: 20 Jan 2023 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0120WBL01



Tgt Ion: 91 Resp: 202
 Ion Ratio Lower Upper
 91 100
 126 12.9 15.8 47.4#

