

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092922\
 Data File : VX031769.D
 Acq On : 29 Sep 2022 13:36
 Operator : JC/MD
 Sample : N4846-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT15811-20220923

Quant Time: Sep 30 04:30:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

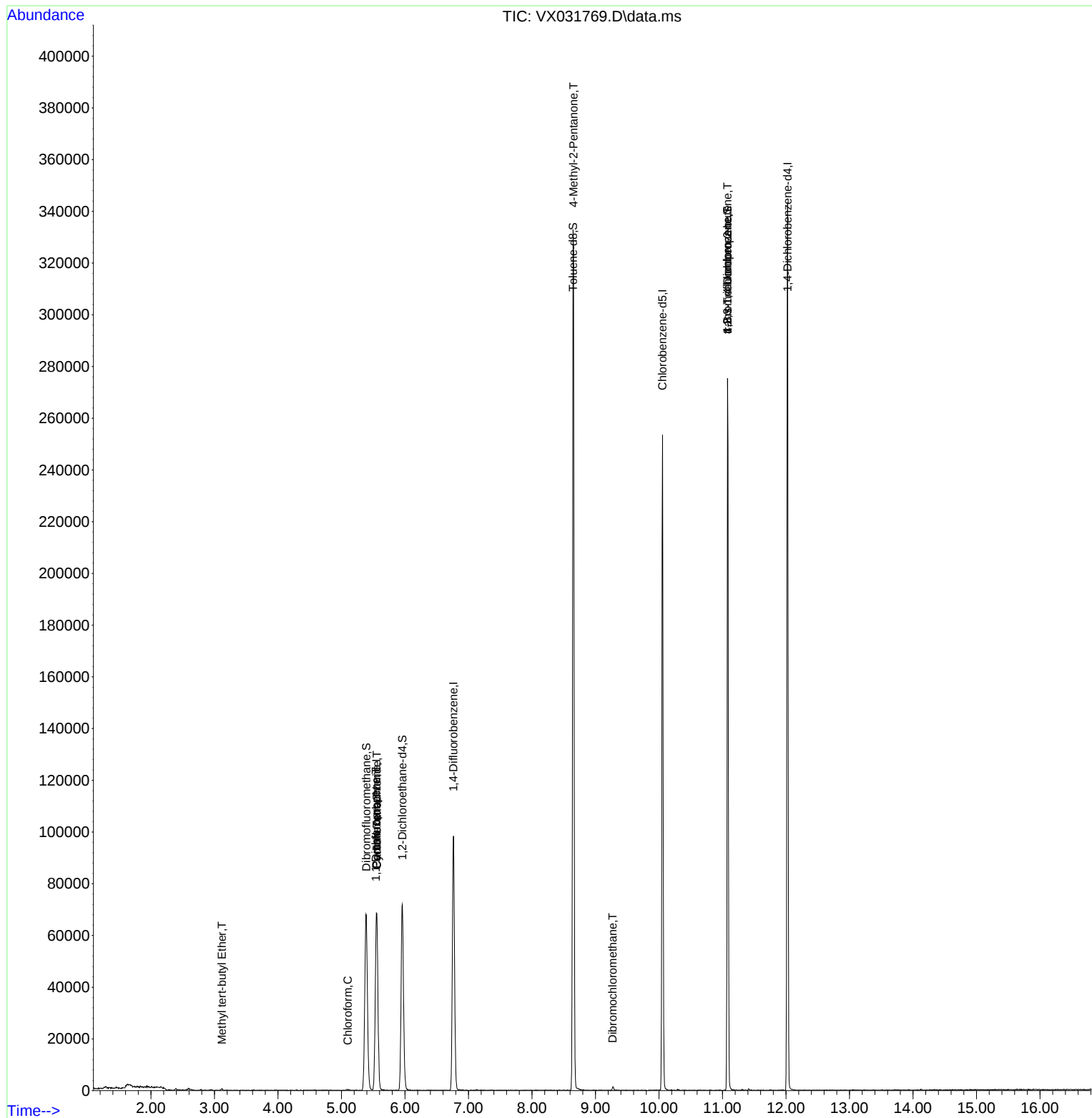
Internal Standards						
1) Pentafluorobenzene	5.550	168	66742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	103891	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70106	49.491	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.980%
35) Dibromofluoromethane	5.391	113	57991	46.847	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.700%
50) Toluene-d8	8.647	98	203967	45.449	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.900%
62) 4-Bromofluorobenzene	11.079	95	70352	42.770	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.540%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	360	Below Cal	#	83
5) Bromomethane	1.624	94	337	Below Cal		91
6) Chloroethane	1.697	64	39	Below Cal	#	43
11) Tert butyl alcohol	2.941	59	208	Below Cal	#	73
16) Acetone	2.392	43	755	Below Cal	#	74
17) Carbon Disulfide	2.508	76	184	Below Cal	#	75
19) Methyl tert-butyl Ether	3.117	73	635	0.202	ug/l	94
20) Methylene Chloride	2.794	84	127	Below Cal	#	21
30) Chloroform	5.099	83	545	0.256	ug/l	87
31) Cyclohexane	5.556	56	1595	1.184	ug/l #	34
36) 1,1-Dichloropropene	5.544	75	5036	3.542	ug/l #	50
38) Carbon Tetrachloride	5.556	117	6864	4.284	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	807	0.565	ug/l #	1
60) Dibromochloromethane	9.269	129	202	1.674	ug/l #	11
76) 1,2,3-Trichloropropane	11.079	75	36707	28.386	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	36707	93.726	ug/l #	11

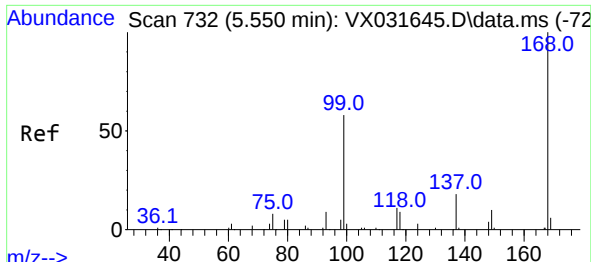
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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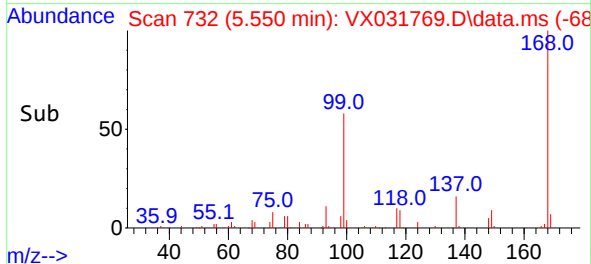
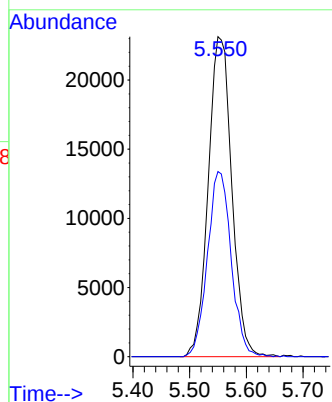
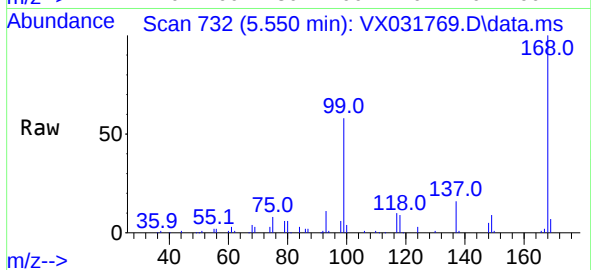




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031769.D
Acq: 29 Sep 2022 13:36

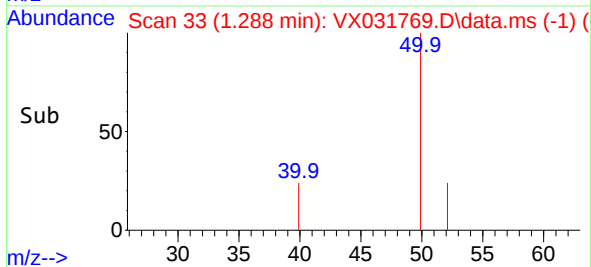
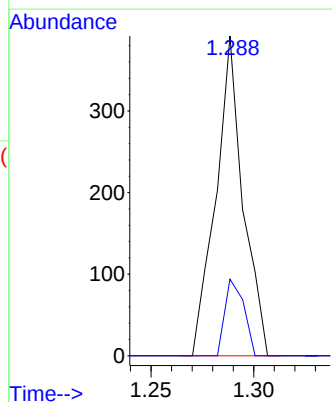
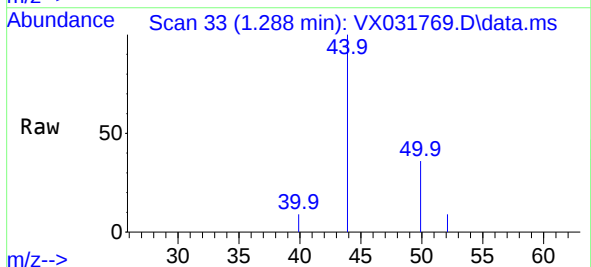
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20220923

Tgt Ion:168 Resp: 66742
Ion Ratio Lower Upper
168 100
99 57.8 48.8 73.2

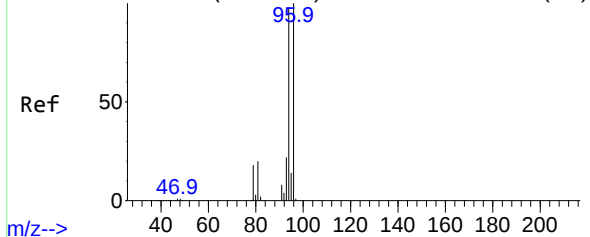


#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031769.D
Acq: 29 Sep 2022 13:36

Tgt Ion: 50 Resp: 360
Ion Ratio Lower Upper
50 100
52 24.0 26.9 40.3#



Abundance Scan 86 (1.611 min): VX031645.D\data.ms (-81)



#5

Bromomethane

Concen: Below Cal

RT: 1.624 min Scan# 81

Delta R.T. 0.013 min

Lab File: VX031769.D

Acq: 29 Sep 2022 13:36

Instrument :

MSVOA_X

ClientSampleId :

TT15811-20220923

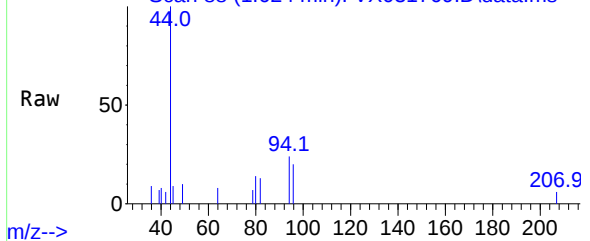
Tgt Ion: 94 Resp: 337

Ion Ratio Lower Upper

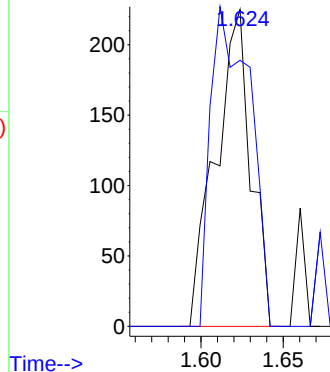
94 100

96 84.0 74.4 111.6

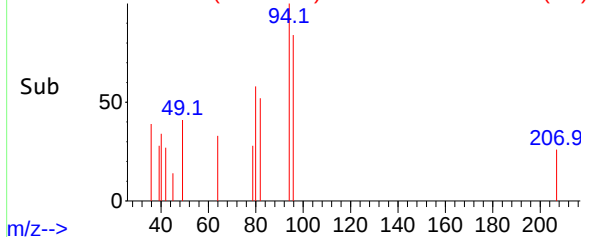
Abundance Scan 88 (1.624 min): VX031769.D\data.ms



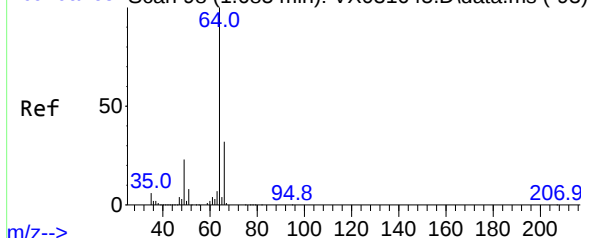
Abundance



Abundance Scan 88 (1.624 min): VX031769.D\data.ms (-37)



Abundance Scan 98 (1.685 min): VX031645.D\data.ms (-93)



#6

Chloroethane

Concen: Below Cal

RT: 1.697 min Scan# 100

Delta R.T. 0.012 min

Lab File: VX031769.D

Acq: 29 Sep 2022 13:36

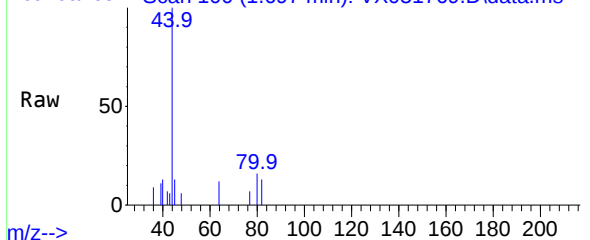
Tgt Ion: 64 Resp: 39

Ion Ratio Lower Upper

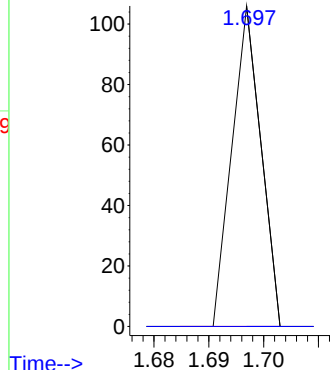
64 100

66 0.0 25.0 37.4#

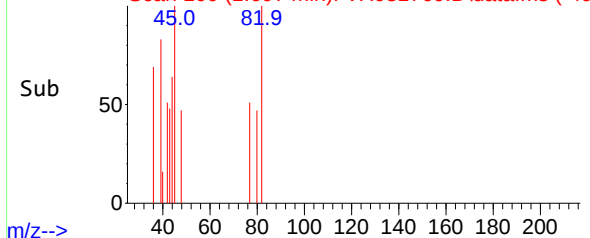
Abundance Scan 100 (1.697 min): VX031769.D\data.ms

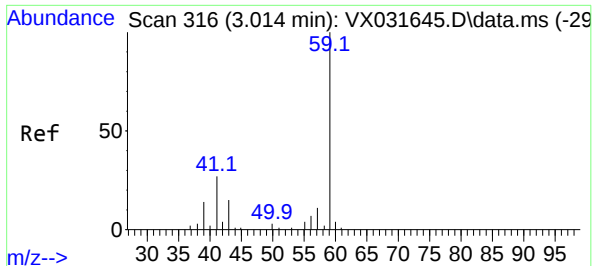


Abundance



Abundance Scan 100 (1.697 min): VX031769.D\data.ms (-49)





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.941 min Scan# 30

Delta R.T. -0.048 min

Lab File: VX031769.D

Acq: 29 Sep 2022 13:36

Instrument :

MSVOA_X

ClientSampleId :

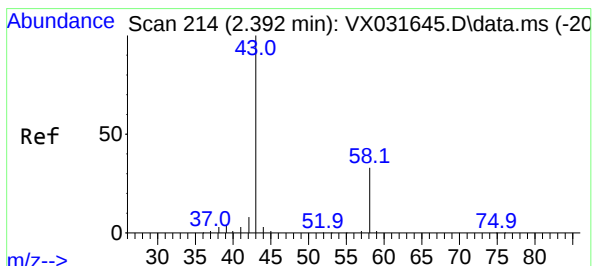
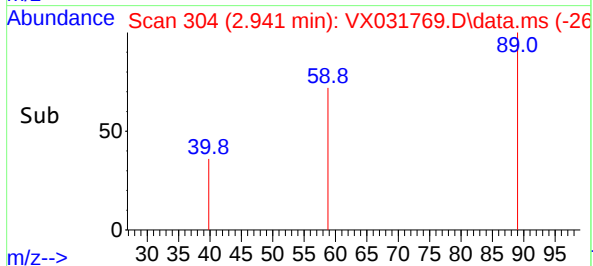
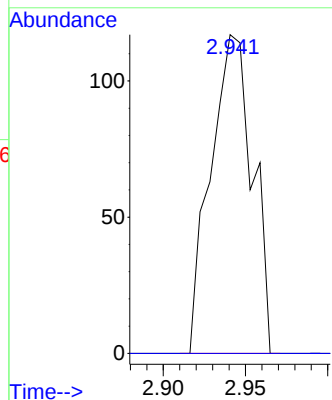
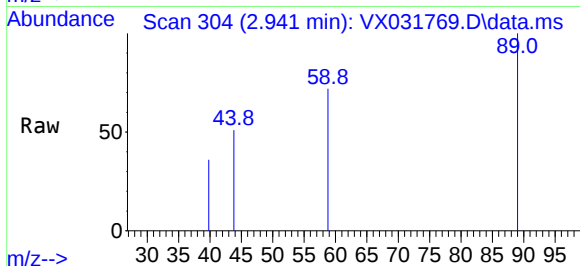
TT15811-20220923

Tgt Ion: 59 Resp: 208

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. 0.006 min

Lab File: VX031769.D

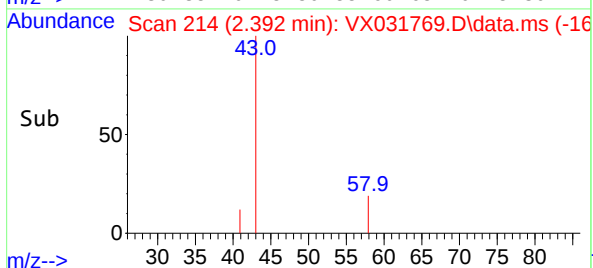
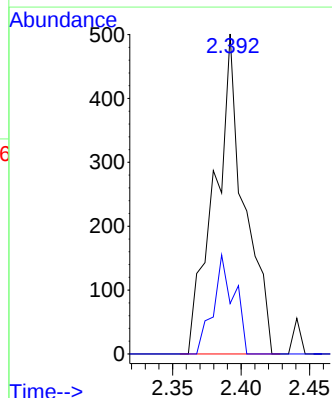
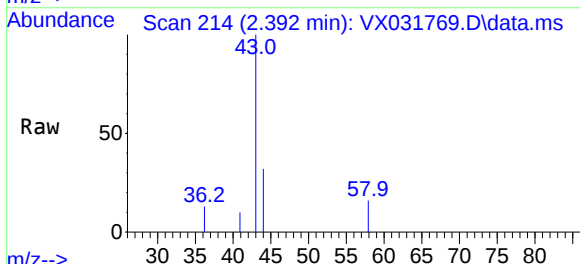
Acq: 29 Sep 2022 13:36

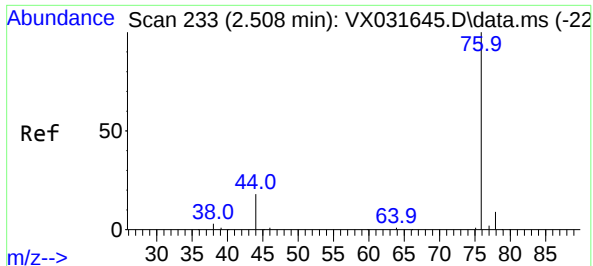
Tgt Ion: 43 Resp: 755

Ion Ratio Lower Upper

43 100

58 15.8 23.8 35.8#

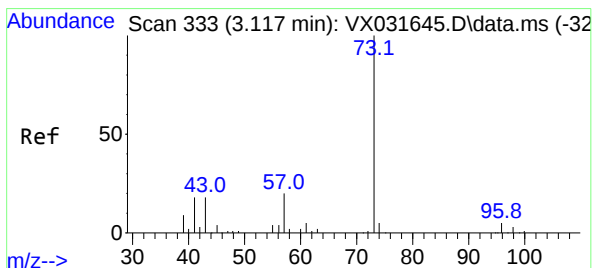
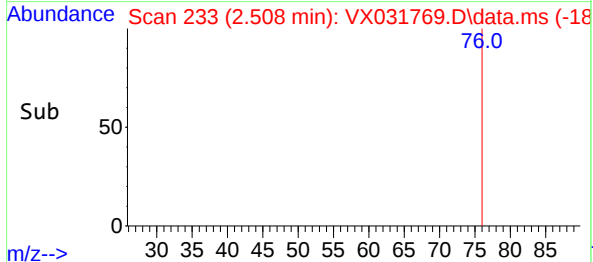
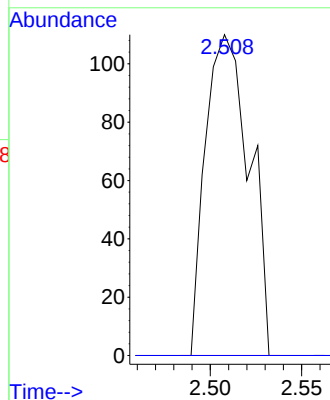
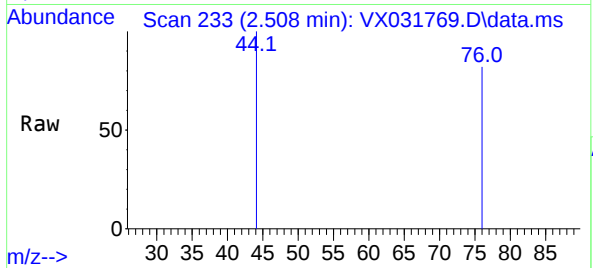




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031769.D
Acq: 29 Sep 2022 13:36

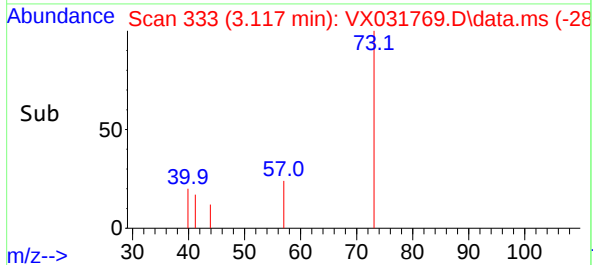
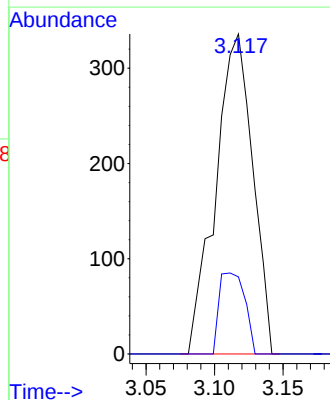
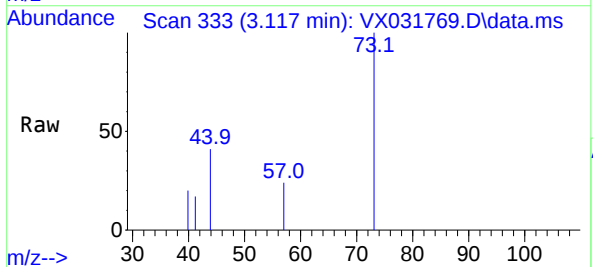
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20220923

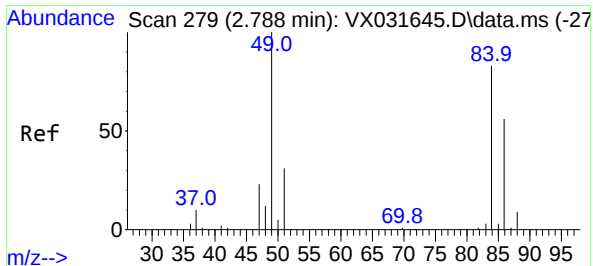
Tgt Ion: 76 Resp: 184
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#19
Methyl tert-butyl Ether
Concen: 0.202 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX031769.D
Acq: 29 Sep 2022 13:36

Tgt Ion: 73 Resp: 635
Ion Ratio Lower Upper
73 100
57 24.1 17.2 25.8

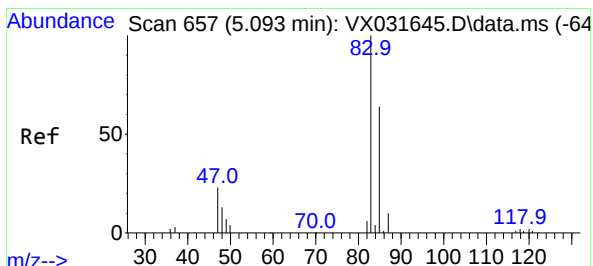
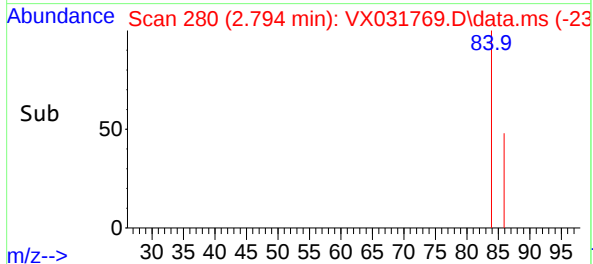
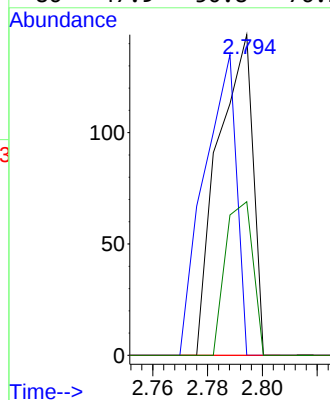
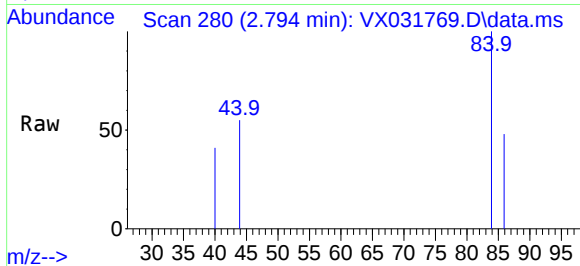




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031769.D
Acq: 29 Sep 2022 13:36

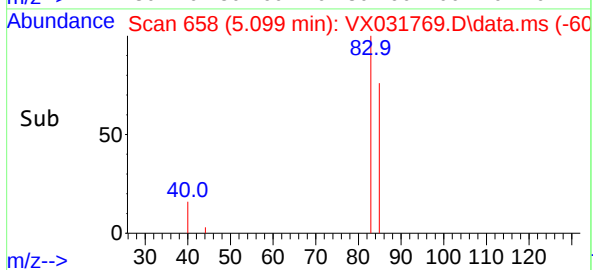
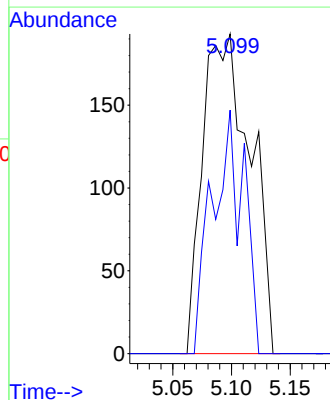
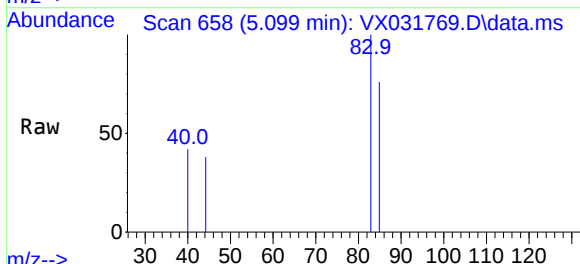
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20220923

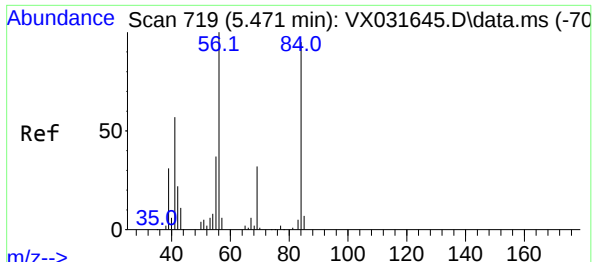
Tgt Ion:	84	Resp:	127
Ion	Ratio	Lower	Upper
84	100		
49	0.0	105.9	158.9#
51	0.0	32.2	48.2#
86	47.9	50.8	76.2#



#30
Chloroform
Concen: 0.256 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX031769.D
Acq: 29 Sep 2022 13:36

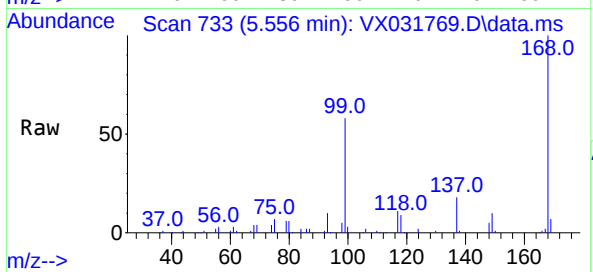
Tgt Ion:	83	Resp:	545
Ion	Ratio	Lower	Upper
83	100		
85	76.2	52.8	79.2



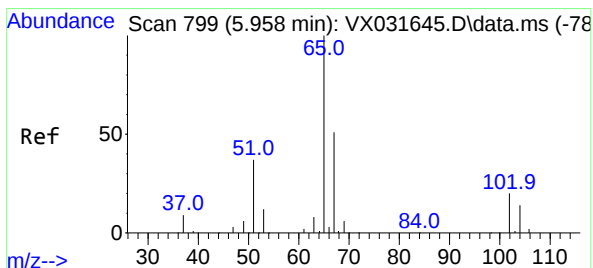
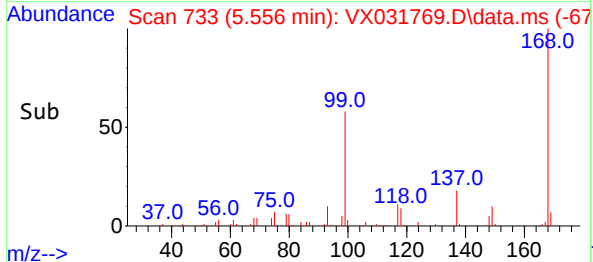
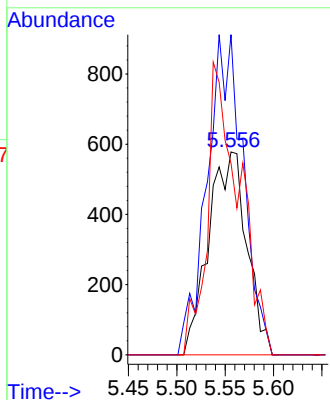


#31
Cyclohexane
Concen: 1.184 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX031769.D
Acq: 29 Sep 2022 13:36

Instrument :
MSVOA_X
ClientSampleId :
TT15811-20220923

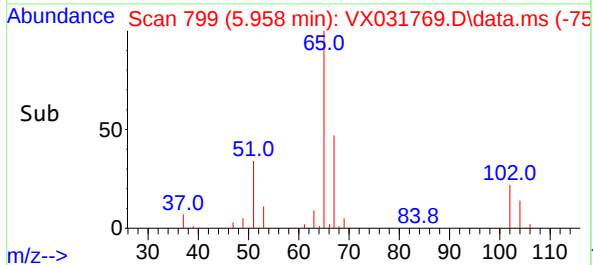
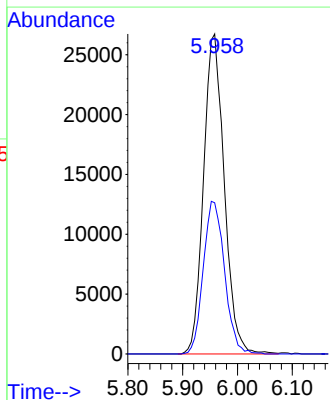
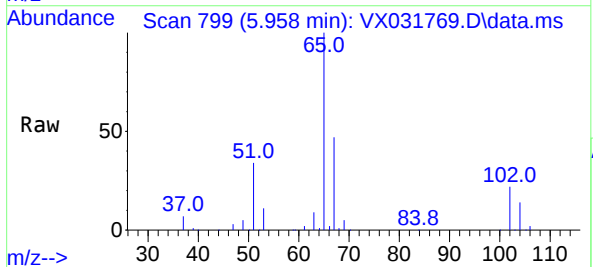


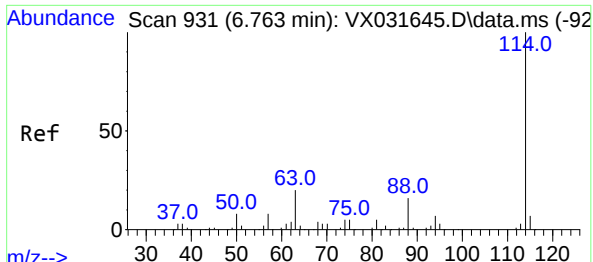
Tgt Ion: 56 Resp: 1595
Ion Ratio Lower Upper
56 100
69 157.8 25.1 37.7#
84 94.5 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 49.491 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031769.D
Acq: 29 Sep 2022 13:36

Tgt Ion: 65 Resp: 70106
Ion Ratio Lower Upper
65 100
67 49.0 0.0 102.4

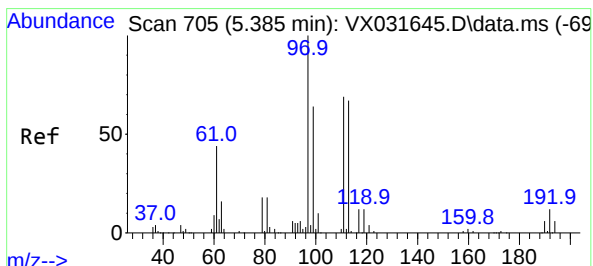
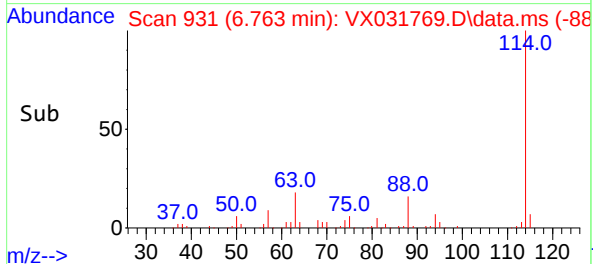
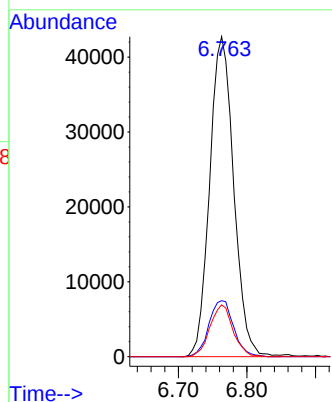
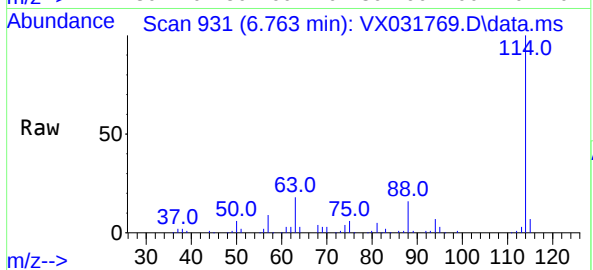




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031769.D
Acq: 29 Sep 2022 13:36

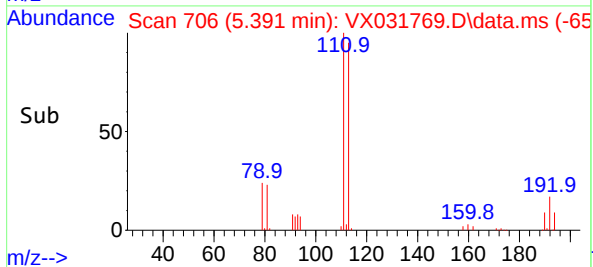
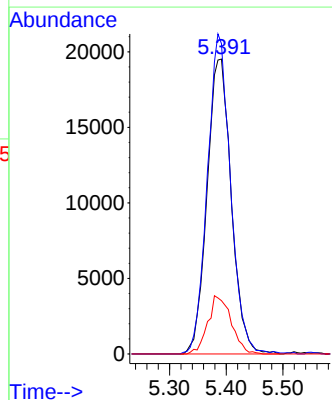
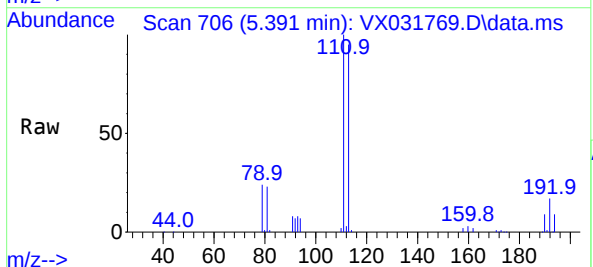
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20220923

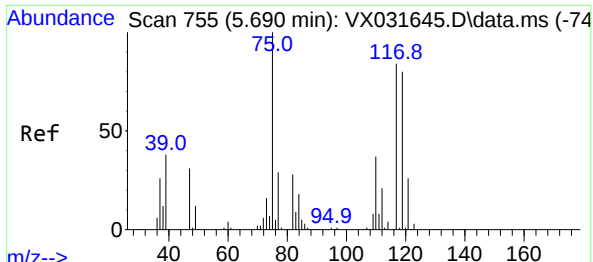
Tgt Ion:114 Resp: 103891
Ion Ratio Lower Upper
114 100
63 17.5 0.0 42.6
88 16.2 0.0 33.0



#35
Dibromofluoromethane
Concen: 46.847 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031769.D
Acq: 29 Sep 2022 13:36

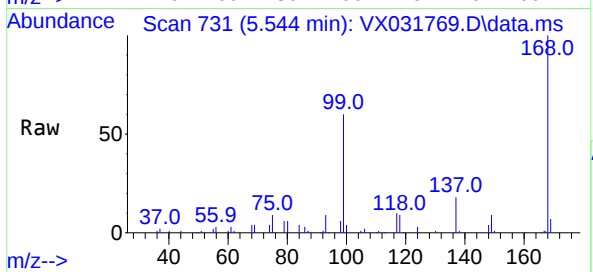
Tgt Ion:113 Resp: 57991
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 19.1 14.1 21.1



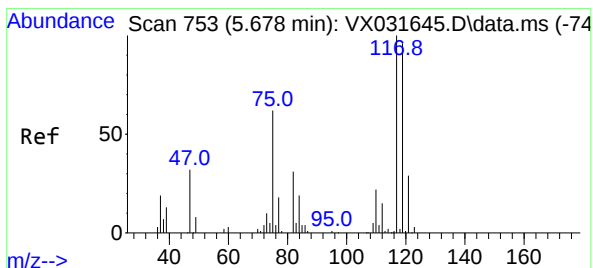
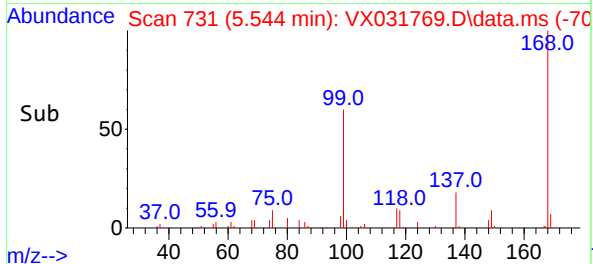
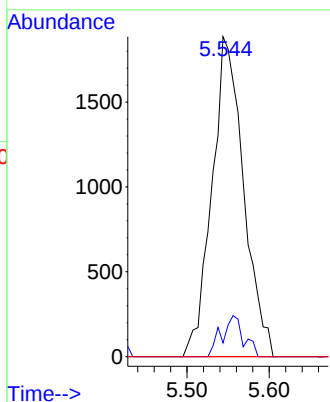


#36
1,1-Dichloropropene
Concen: 3.542 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX031769.D
Acq: 29 Sep 2022 13:36

Instrument :
MSVOA_X
ClientSampleId :
TT15811-20220923

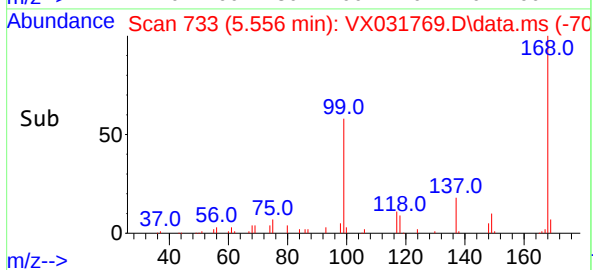
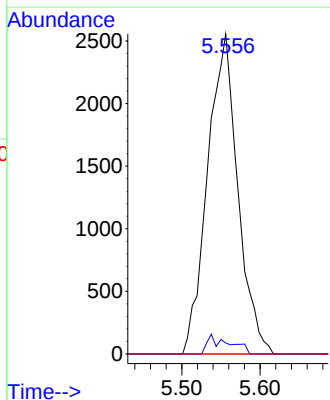
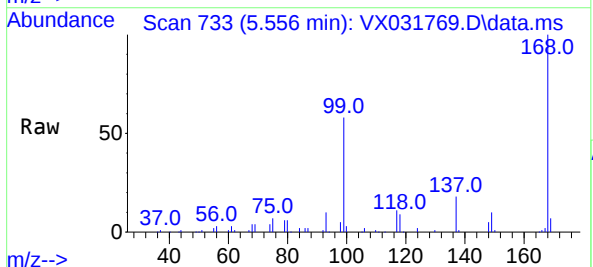


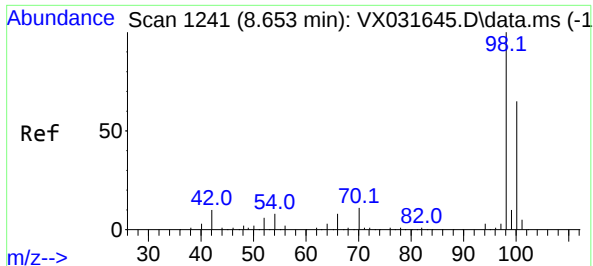
Tgt Ion: 75 Resp: 5036
Ion Ratio Lower Upper
75 100
110 8.8 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.284 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX031769.D
Acq: 29 Sep 2022 13:36

Tgt Ion: 117 Resp: 6864
Ion Ratio Lower Upper
117 100
119 3.4 74.6 112.0#
121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 45.449 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX031769.D

Acq: 29 Sep 2022 13:36

Instrument :

MSVOA_X

ClientSampleId :

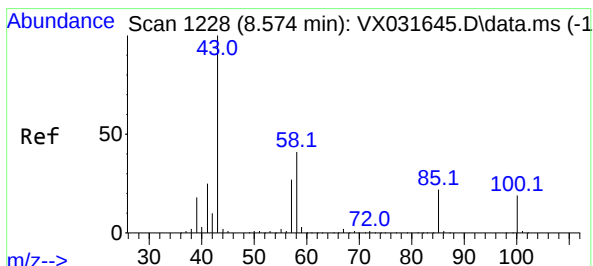
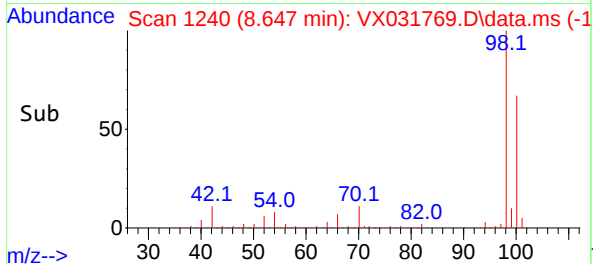
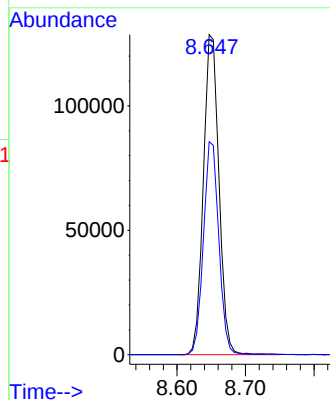
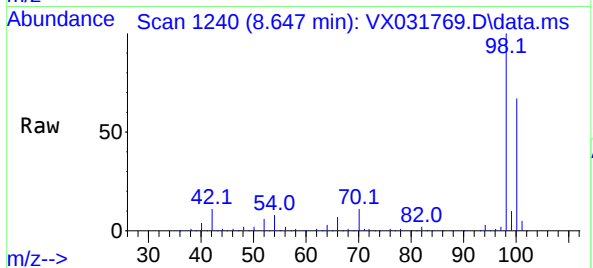
TT15811-20220923

Tgt Ion: 98 Resp: 203967

Ion Ratio Lower Upper

98 100

100 65.6 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.565 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX031769.D

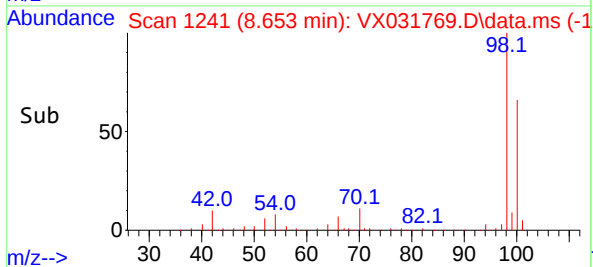
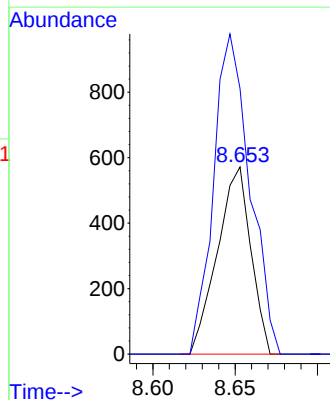
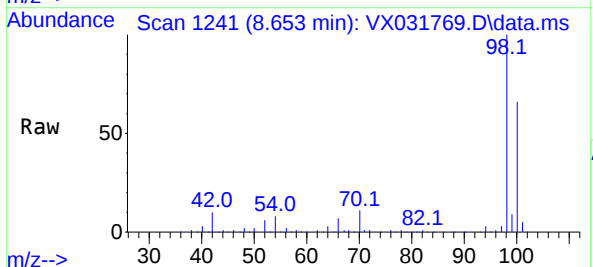
Acq: 29 Sep 2022 13:36

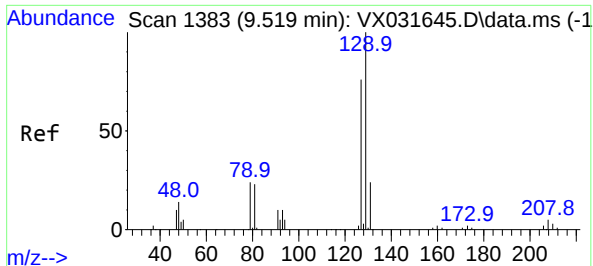
Tgt Ion: 43 Resp: 807

Ion Ratio Lower Upper

43 100

58 186.0 30.6 46.0#





#60

Dibromochloromethane

Concen: 1.674 ug/l

RT: 9.269 min Scan# 11

Delta R.T. -0.256 min

Lab File: VX031769.D

Acq: 29 Sep 2022 13:36

Instrument :

MSVOA_X

ClientSampleId :

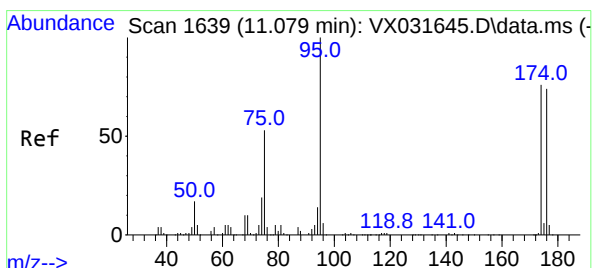
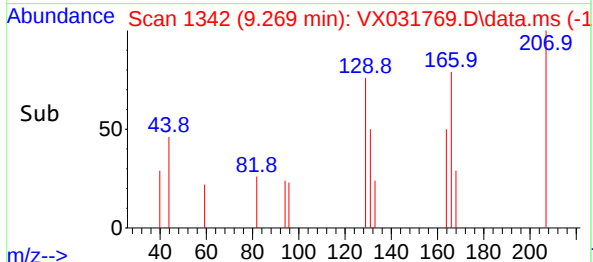
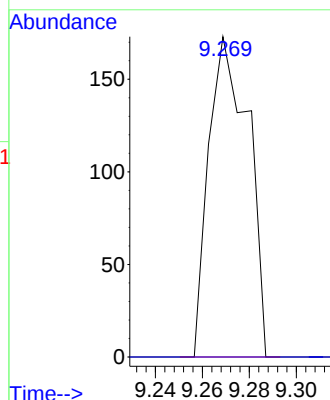
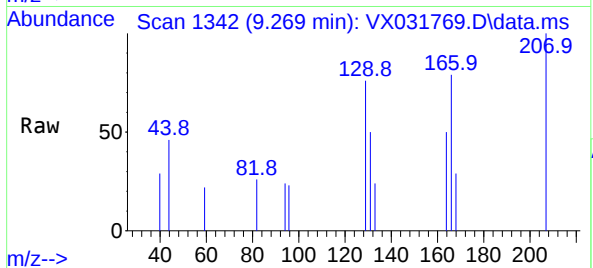
TT15811-20220923

Tgt Ion:129 Resp: 202

Ion Ratio Lower Upper

129 100

127 0.0 38.7 116.1#



#62

4-Bromofluorobenzene

Concen: 42.770 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031769.D

Acq: 29 Sep 2022 13:36

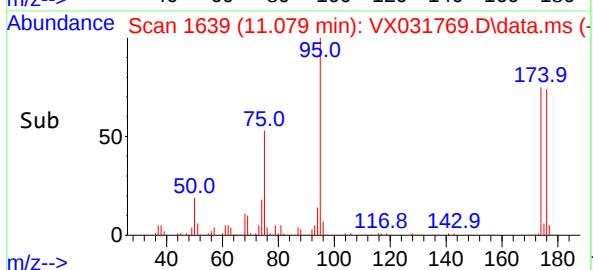
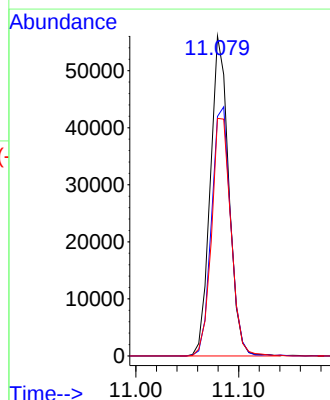
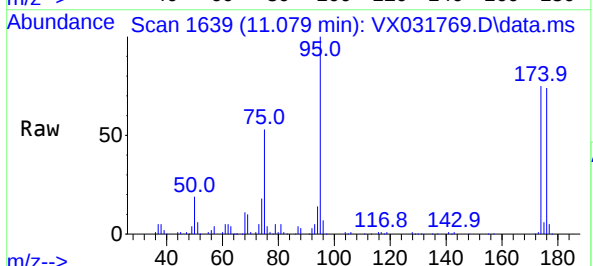
Tgt Ion: 95 Resp: 70352

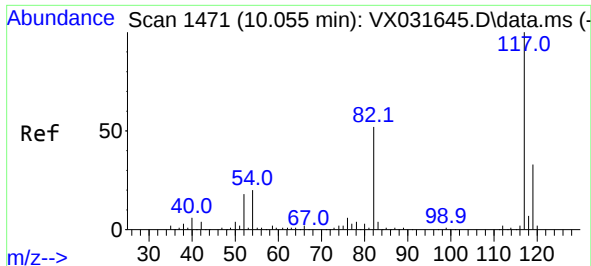
Ion Ratio Lower Upper

95 100

174 80.4 0.0 153.2

176 77.5 0.0 144.0

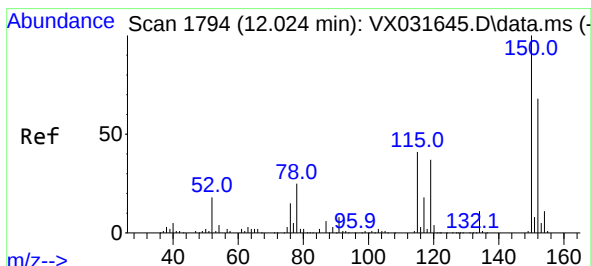
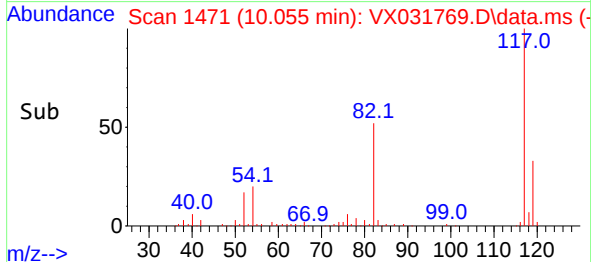
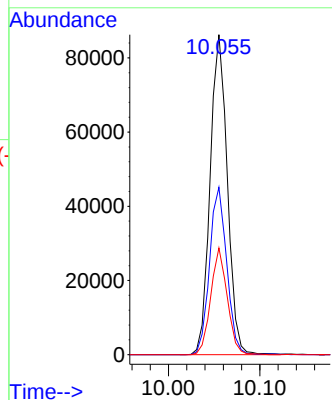
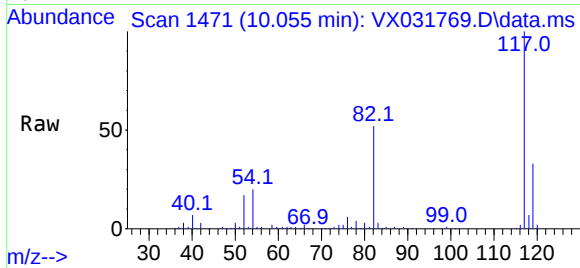




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031769.D
Acq: 29 Sep 2022 13:36

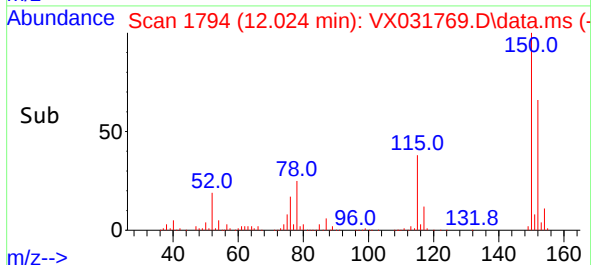
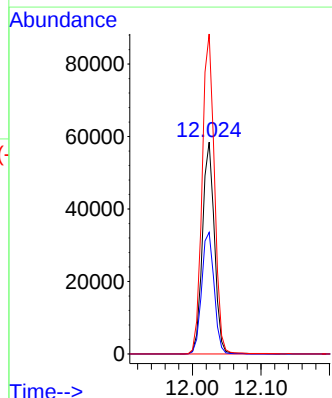
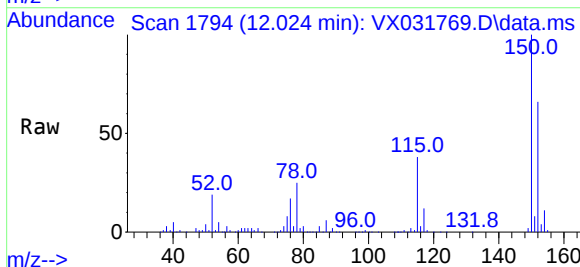
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20220923

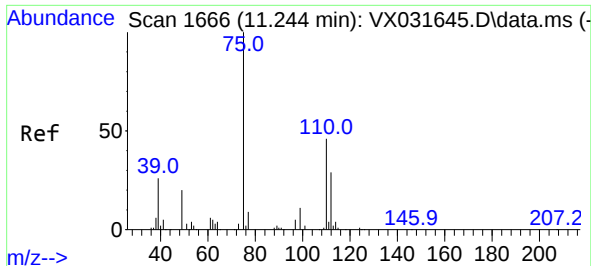
Tgt Ion:117 Resp: 112522
Ion Ratio Lower Upper
117 100
82 52.3 46.8 70.2
119 33.3 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031769.D
Acq: 29 Sep 2022 13:36

Tgt Ion:152 Resp: 71331
Ion Ratio Lower Upper
152 100
115 59.9 43.4 130.1
150 155.0 0.0 346.8

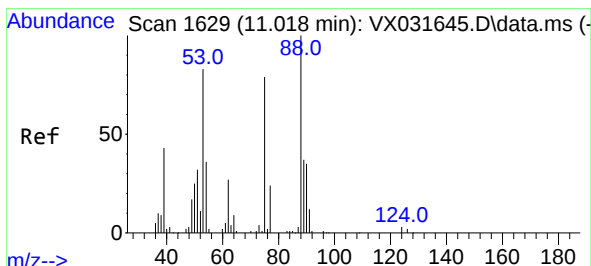
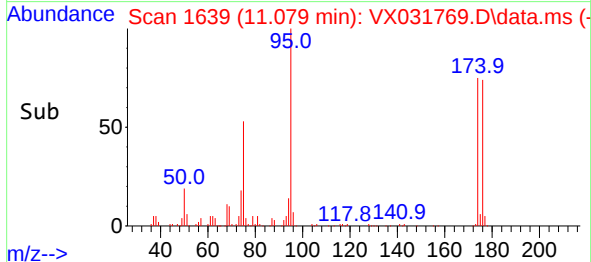
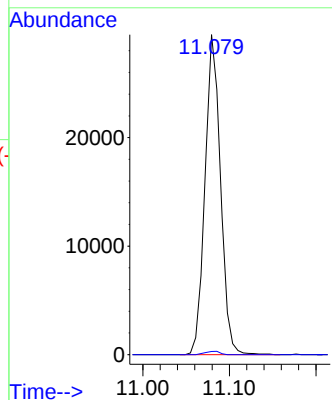
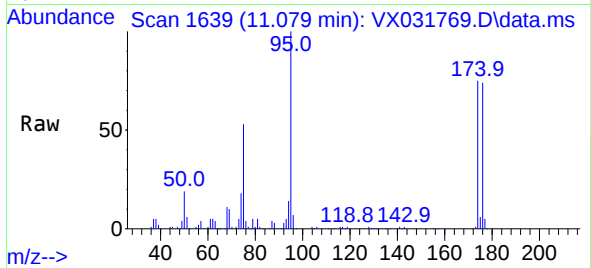




#76
1,2,3-Trichloropropane
Concen: 28.386 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031769.D
Acq: 29 Sep 2022 13:36

Instrument :
MSVOA_X
ClientSampleId :
TT15811-20220923

Tgt Ion: 75 Resp: 36707
Ion Ratio Lower Upper
75 100
77 1.0 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.726 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031769.D
Acq: 29 Sep 2022 13:36

Tgt Ion: 75 Resp: 36707
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

