

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100821\
 Data File : VW022711.D
 Acq On : 08 Oct 2021 18:55
 Operator : SY/MD
 Sample : M4022-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 09 01:26:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 09 01:23:25 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	113392	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	114660	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50570	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34767	4.456	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.200%
7) Chloroethane-d5	1.568	69	33467	4.774	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.102	63	55578	3.632	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	3.915	46	79424	38.827	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.660%
24) Chloroform-d	4.346	84	79604	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.034	65	38083	4.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.047	84	154714	4.533	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.072	67	47960	4.745	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.317	98	128596	4.358	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	7.625	79	14623	4.361	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.098	63	67395	49.872	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.740%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31889	4.657	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	49841	5.316	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						
3) Chloromethane	1.240	50	567	0.068	ug/L	96
9) Trichlorofluoromethane	1.751	101	207984	16.545	ug/L	99
12) 1,1-Dichloroethene	2.105	96	492	0.072	ug/L #	1
22) cis-1,2-Dichloroethene	3.905	96	2345	0.300	ug/L	94
27) 1,2-Dichloroethane	5.040	62	891	0.115	ug/L #	69
31) Carbon tetrachloride	4.818	117	4605	0.405	ug/L	99
34) Trichloroethene	5.912	95	22028	2.623	ug/L	97
35) Methylcyclohexane	6.072	83	11721	0.996	ug/L #	16
37) 1,2-Dichloropropane	6.069	63	5340	0.719	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	927	0.094	ug/L #	58
42) Toluene	7.397	91	2183	0.070	ug/L	98
45) 1,1,2-Trichloroethane	7.850	97	852	0.155	ug/L	87
47) Tetrachloroethene	7.976	164	444672	65.474	ug/L	99
48) 2-Hexanone	8.153	43	9863	3.380	ug/L #	77
49) Dibromochloromethane	7.973	129	387129	60.005	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	5426	1.544	ug/L #	62

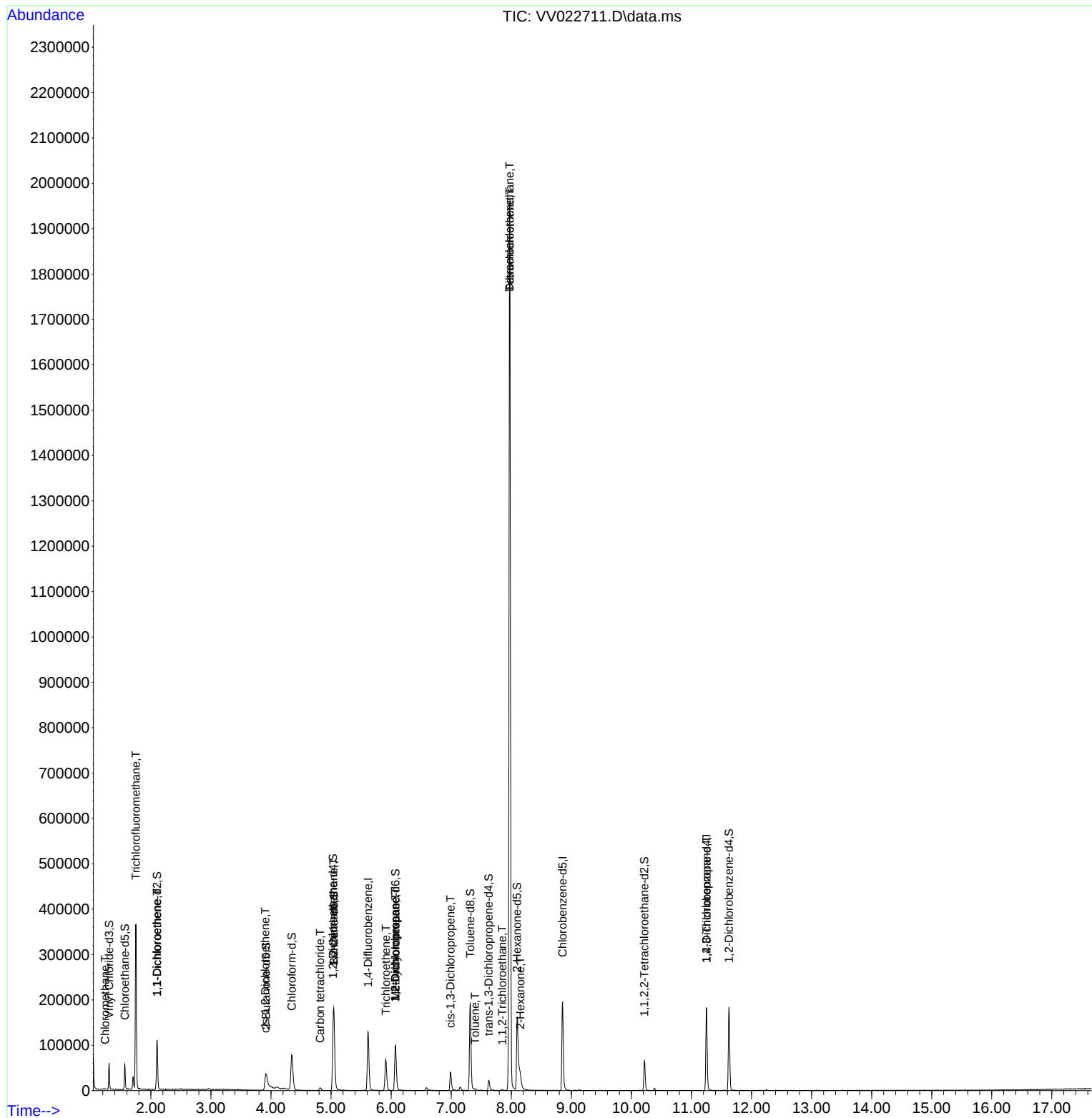
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_V
ClientSampleId :

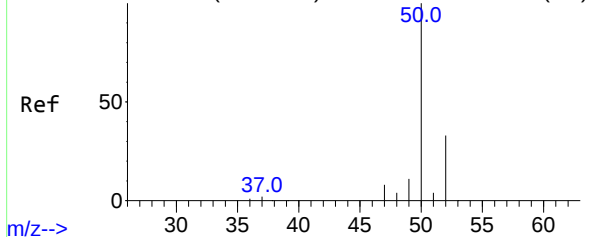
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100821\
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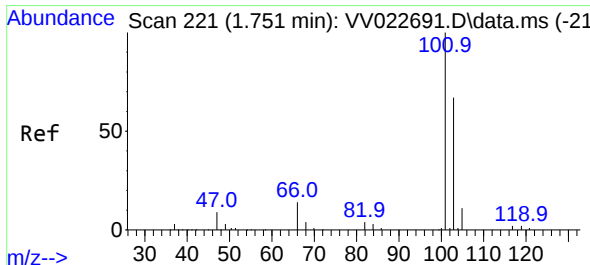
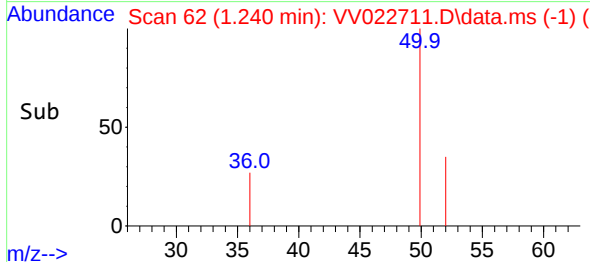
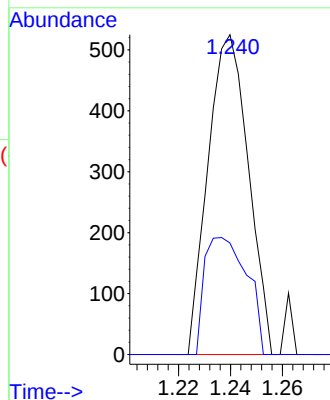
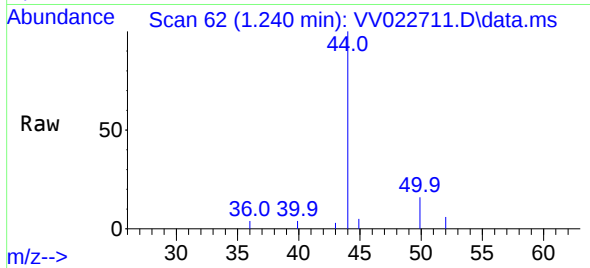


Abundance Scan 62 (1.240 min): VV022691.D\data.ms (-54)



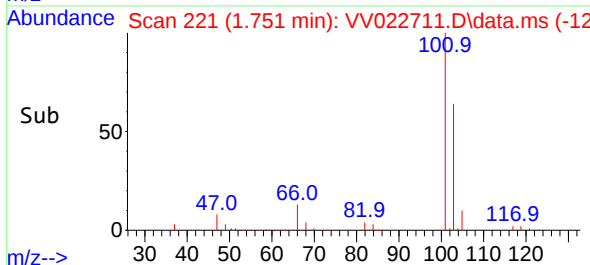
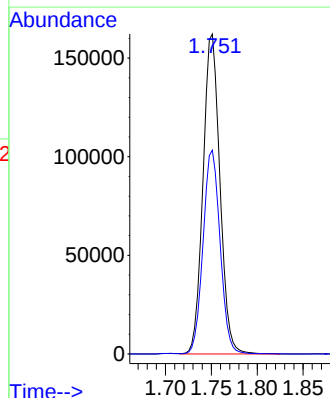
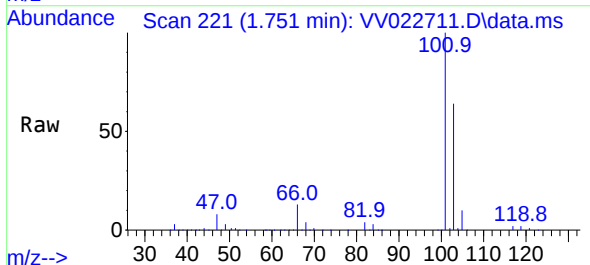
#3
Chloromethane
Concen: 0.068 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV022711.D
Acq: 08 Oct 2021 18:55

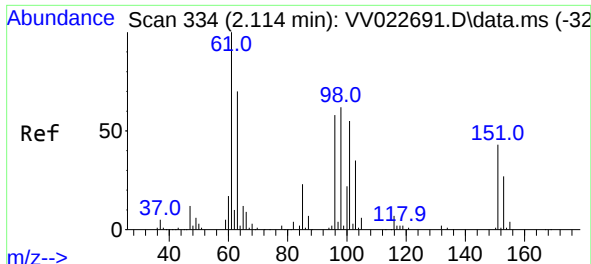
Tgt Ion: 50 Resp: 567
Ion Ratio Lower Upper
50 100
52 34.9 22.9 42.5



#9
Trichlorofluoromethane
Concen: 16.545 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV022711.D
Acq: 08 Oct 2021 18:55

Tgt Ion: 101 Resp: 207984
Ion Ratio Lower Upper
101 100
103 63.8 50.3 75.5

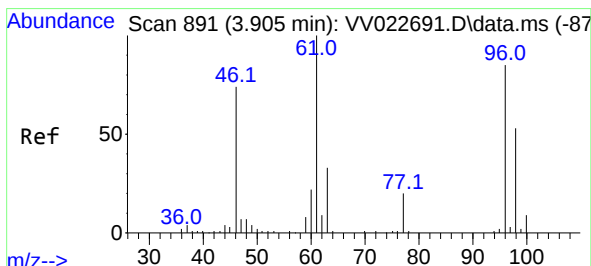
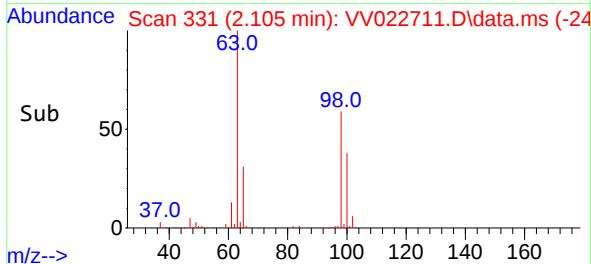
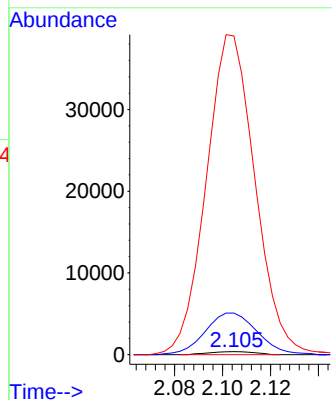
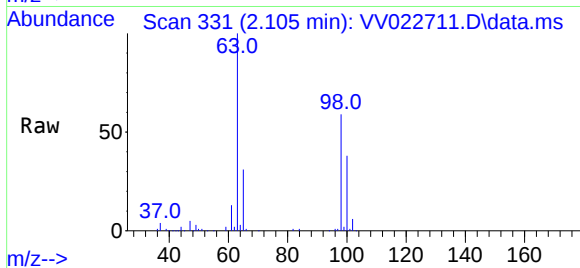




#12
1,1-Dichloroethene
Concen: 0.072 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.009 min
Lab File: VV022711.D
Acq: 08 Oct 2021 18:55

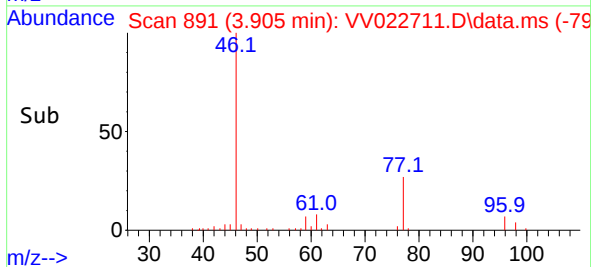
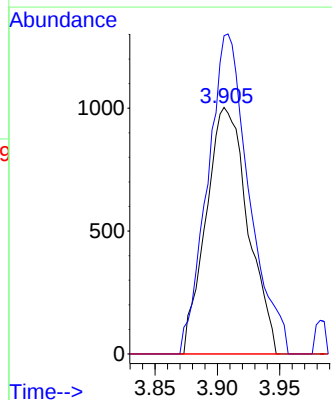
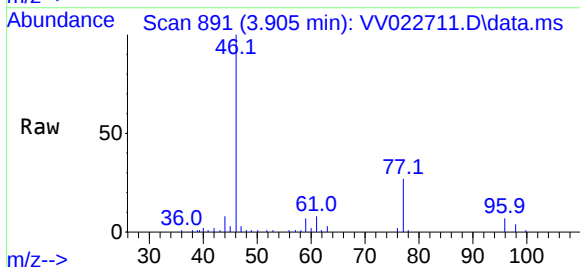
Instrument :
MSVOA_V
ClientSampled :

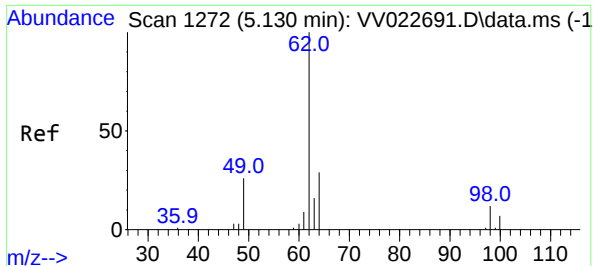
Tgt Ion: 96 Resp: 492
Ion Ratio Lower Upper
96 100
61 1391.3 127.3 236.5#
63 10655.7 106.2 197.2#



#22
cis-1,2-Dichloroethene
Concen: 0.300 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.000 min
Lab File: VV022711.D
Acq: 08 Oct 2021 18:55

Tgt Ion: 96 Resp: 2345
Ion Ratio Lower Upper
96 100
61 129.1 86.0 159.6
68 0.0 0.0 0.0

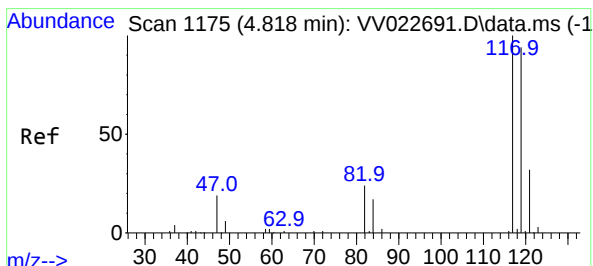
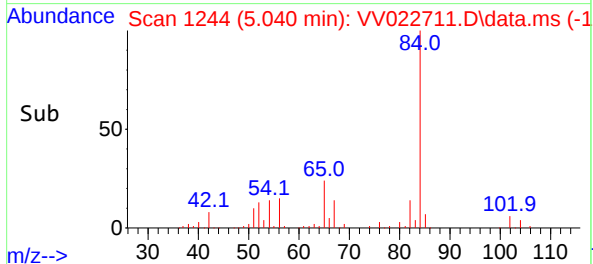
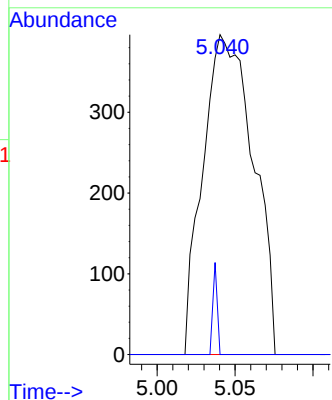
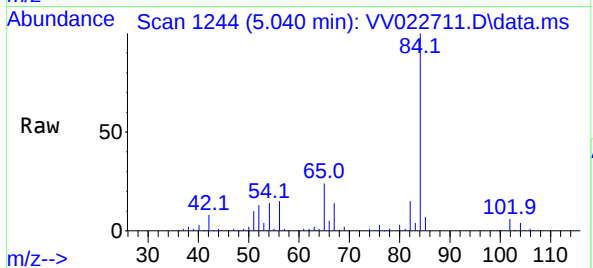




#27
1,2-Dichloroethane
Concen: 0.115 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. -0.090 min
Lab File: VV022711.D
Acq: 08 Oct 2021 18:55

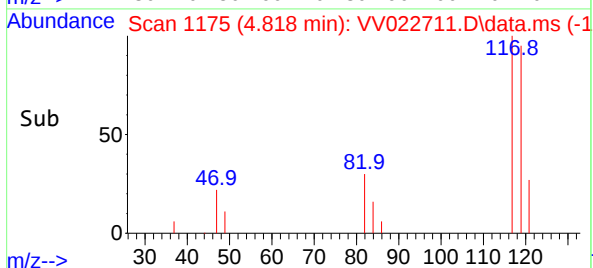
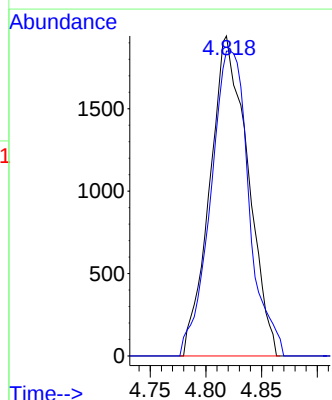
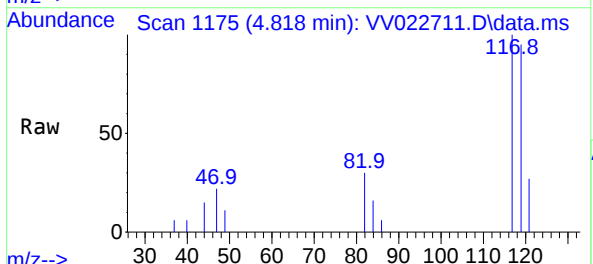
Instrument :
MSVOA_V
ClientSampled :

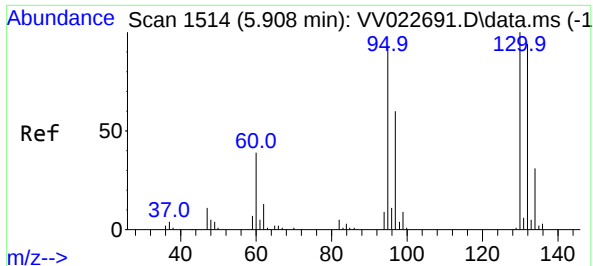
Tgt Ion: 62 Resp: 891
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#



#31
Carbon tetrachloride
Concen: 0.405 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VV022711.D
Acq: 08 Oct 2021 18:55

Tgt Ion: 117 Resp: 4605
Ion Ratio Lower Upper
117 100
119 96.0 77.4 116.0



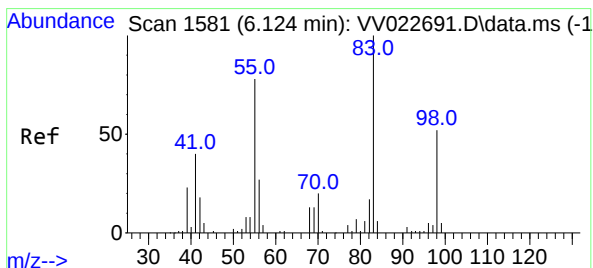
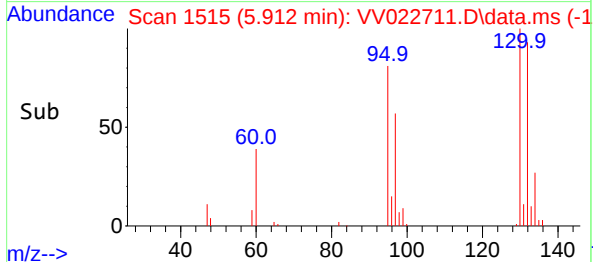
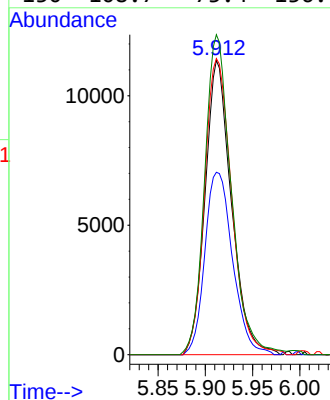
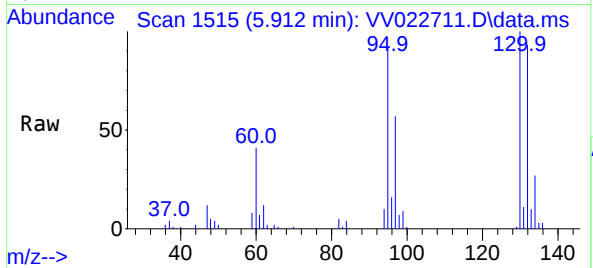


#34
Trichloroethene
Concen: 2.623 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV022711.D
Acq: 08 Oct 2021 18:55

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 95 Resp: 22028

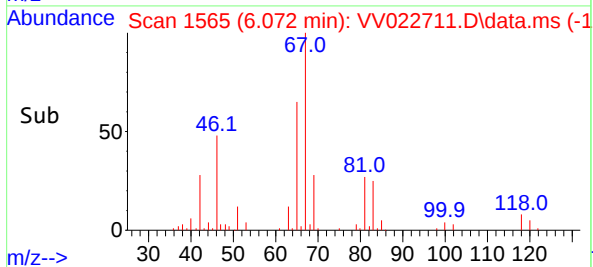
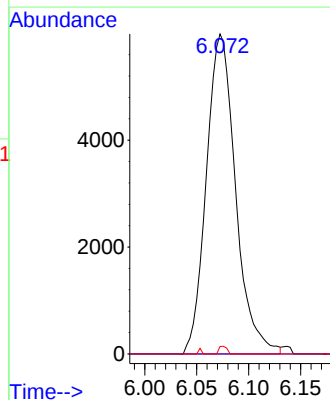
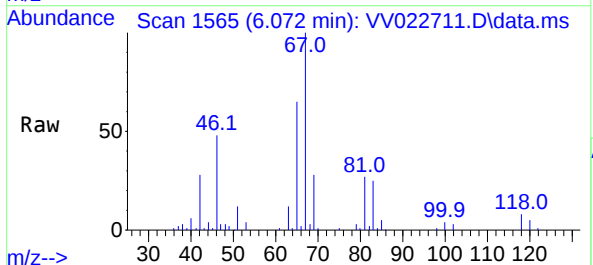
Ion	Ratio	Lower	Upper
95	100		
97	61.9	45.8	85.2
132	100.6	72.2	134.0
130	108.7	73.4	136.4

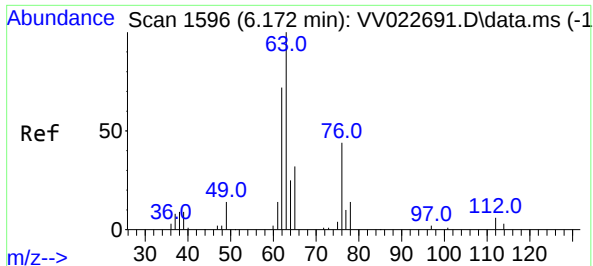


#35
Methylcyclohexane
Concen: 0.996 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.051 min
Lab File: VV022711.D
Acq: 08 Oct 2021 18:55

Tgt Ion: 83 Resp: 11721

Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.8	95.6#
98	0.6	42.1	63.1#

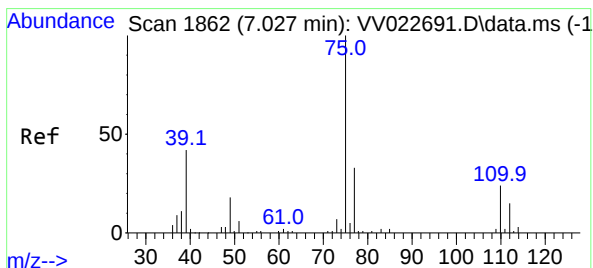
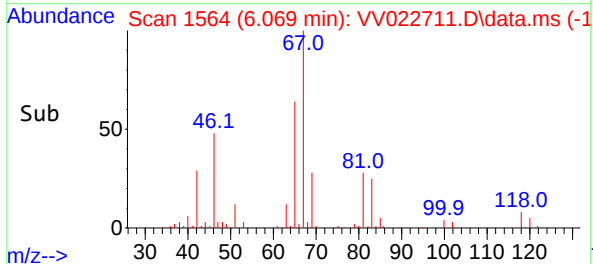
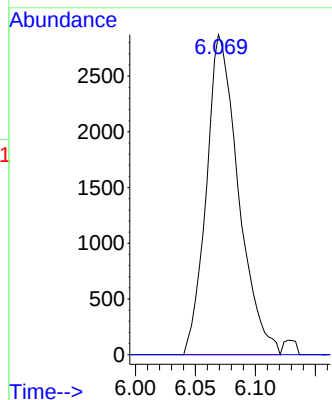
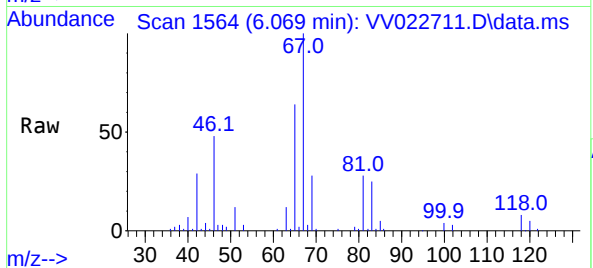




#37
1,2-Dichloropropane
Concen: 0.719 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV022711.D
Acq: 08 Oct 2021 18:55

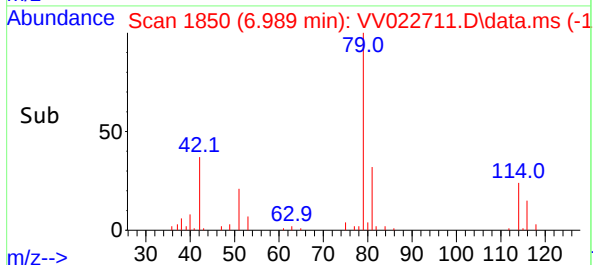
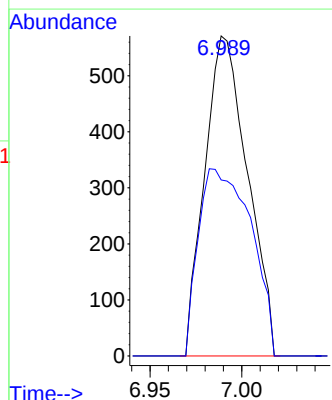
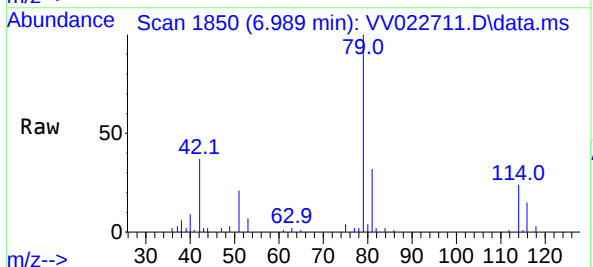
Instrument :
MSVOA_V
ClientSampled :

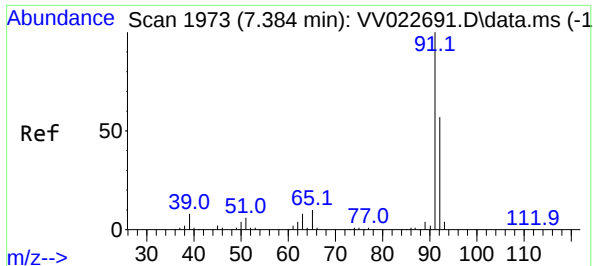
Tgt Ion: 63 Resp: 5340
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#



#39
cis-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.038 min
Lab File: VV022711.D
Acq: 08 Oct 2021 18:55

Tgt Ion: 75 Resp: 927
Ion Ratio Lower Upper
75 100
77 55.0 22.3 41.3#

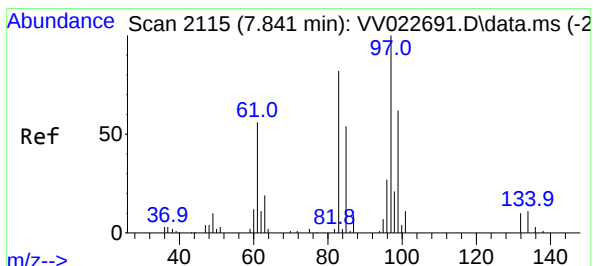
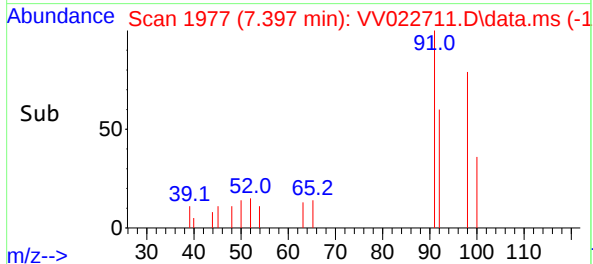
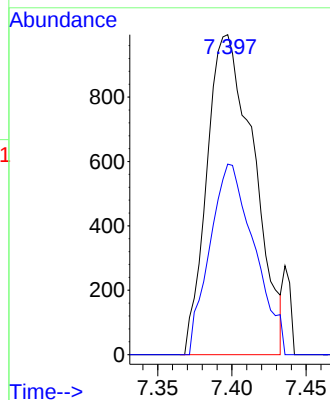
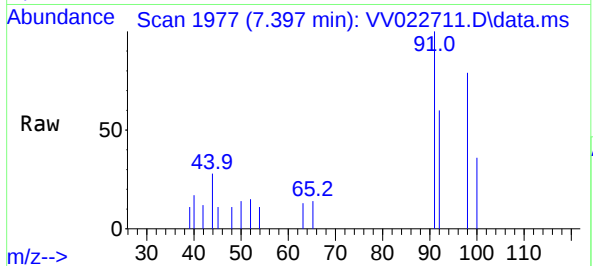




#42
Toluene
Concen: 0.070 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.013 min
Lab File: VV022711.D
Acq: 08 Oct 2021 18:55

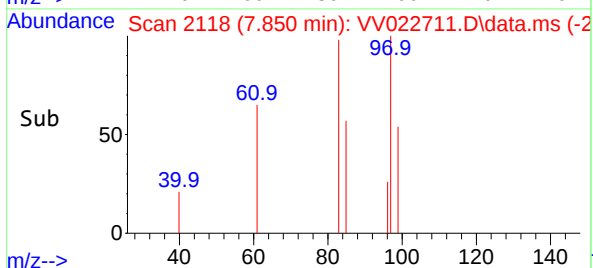
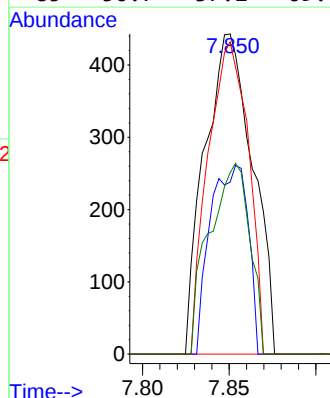
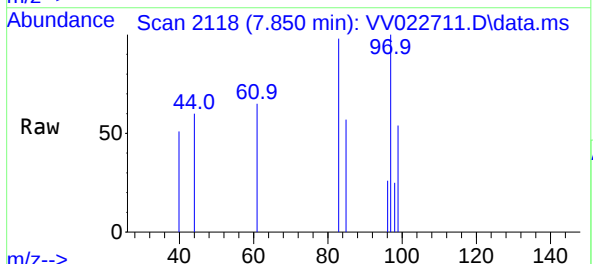
Instrument :
MSVOA_V
ClientSampled :

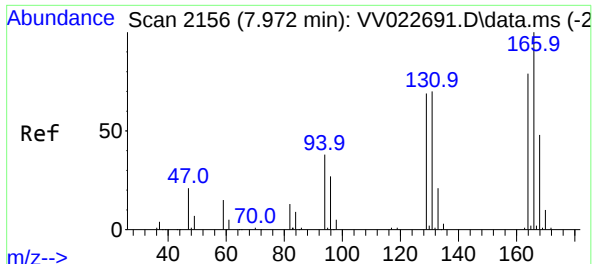
Tgt Ion: 91 Resp: 2183
Ion Ratio Lower Upper
91 100
92 59.6 40.7 75.7



#45
1,1,2-Trichloroethane
Concen: 0.155 ug/L
RT: 7.850 min Scan# 2118
Delta R.T. 0.010 min
Lab File: VV022711.D
Acq: 08 Oct 2021 18:55

Tgt Ion: 97 Resp: 852
Ion Ratio Lower Upper
97 100
99 53.7 44.5 82.7
83 97.5 56.6 105.0
85 56.7 37.2 69.0





#47

Tetrachloroethene

Concen: 65.474 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV022711.D

Acq: 08 Oct 2021 18:55

Tgt Ion:164 Resp: 444672

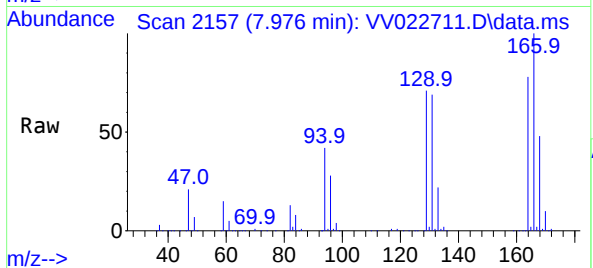
Ion Ratio Lower Upper

164 100

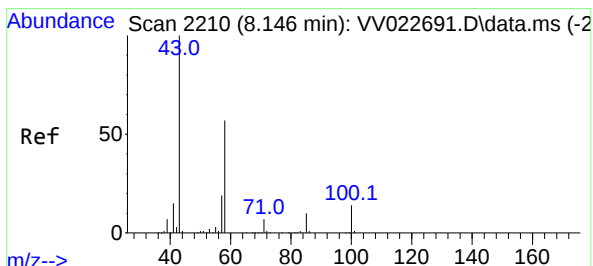
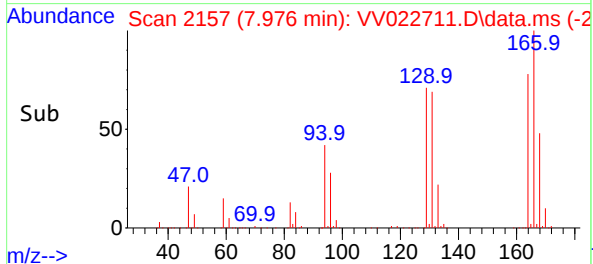
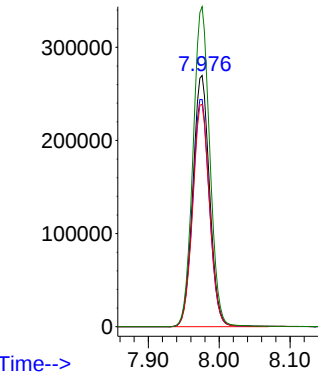
129 90.4 65.0 120.6

131 88.5 62.2 115.4

166 127.4 89.2 165.8



Abundance



#48

2-Hexanone

Concen: 3.380 ug/L

RT: 8.153 min Scan# 2212

Delta R.T. 0.007 min

Lab File: VV022711.D

Acq: 08 Oct 2021 18:55

Tgt Ion: 43 Resp: 9863

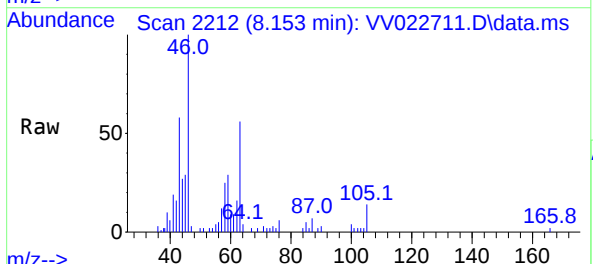
Ion Ratio Lower Upper

43 100

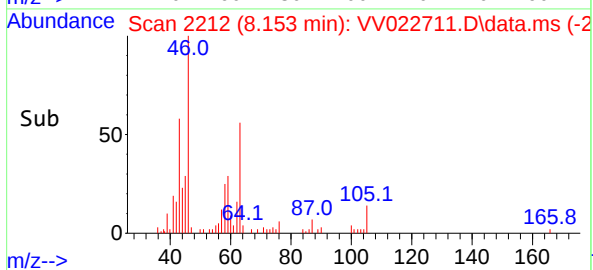
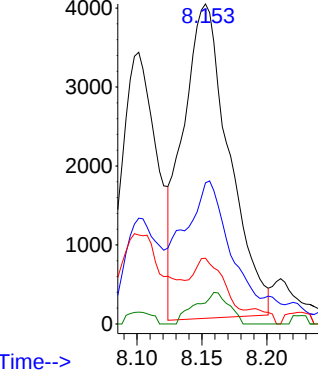
58 38.8 47.4 71.0#

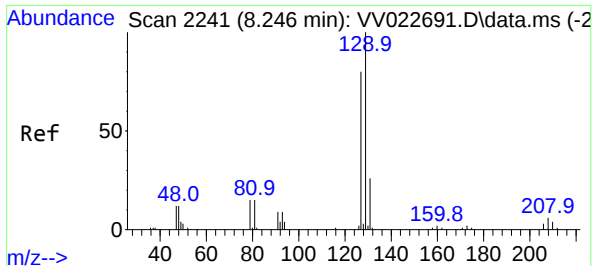
57 11.3 15.3 22.9#

100 7.2 10.4 15.6#



Abundance





#49

Dibromochloromethane

Concen: 60.005 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.273 min

Lab File: VV022711.D

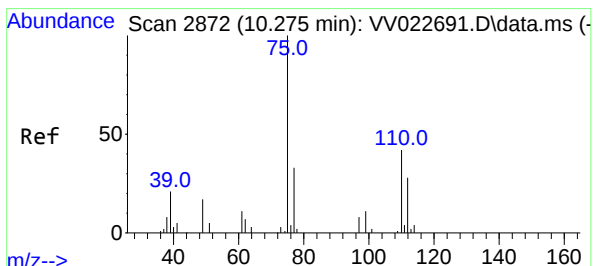
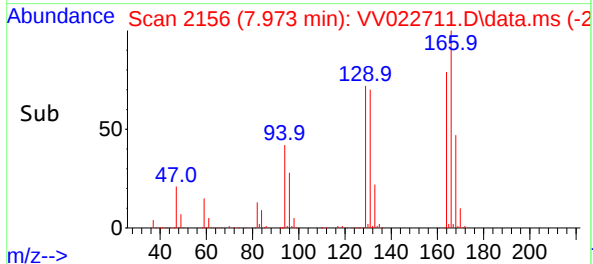
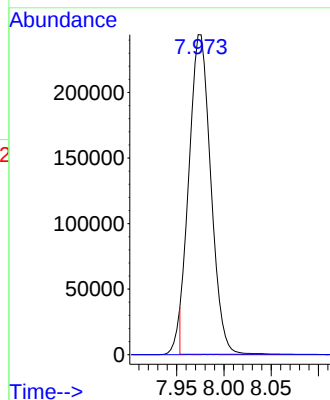
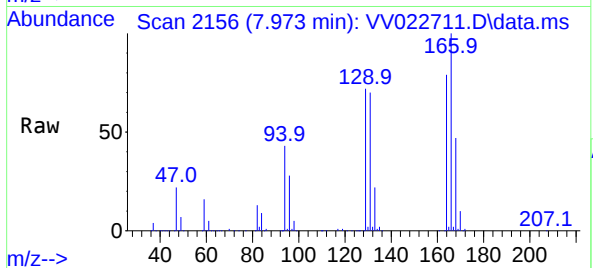
Acq: 08 Oct 2021 18:55

Tgt Ion:129 Resp: 387129

Ion Ratio Lower Upper

129 100

127 0.0 59.1 109.9#



#61

1,2,3-Trichloropropane

Concen: 1.544 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022711.D

Acq: 08 Oct 2021 18:55

Tgt Ion: 75 Resp: 5426

Ion Ratio Lower Upper

75 100

77 34.7 25.4 38.2

110 3.2 34.2 51.4#

