

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VW023265.D
 Acq On : 06 Nov 2021 04:27
 Operator : SY/MD
 Sample : M4545-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 06:50:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 08 06:44:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	134624	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	136984	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64244	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	37020	4.390	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.800%	
7) Chloroethane-d5	1.571	69	34158	4.969	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.400%	
11) 1,1-Dichloroethene-d2	2.111	63	53412	3.383	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.600%	
20) 2-Butanone-d5	3.892	46	90141	70.743	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	141.480%#	
24) Chloroform-d	4.352	84	82445	4.587	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
26) 1,2-Dichloroethane-d4	5.037	65	39065	4.833	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.600%	
32) Benzene-d6	5.053	84	157506	4.481	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.600%	
36) 1,2-Dichloropropane-d6	6.072	67	49599	4.794	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.800%	
41) Toluene-d8	7.317	98	134430	4.082	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.600%	
43) trans-1,3-Dichloroprop...	7.625	79	16340	4.165	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.200%	
46) 2-Hexanone-d5	8.088	63	66317	45.944	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.880%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33442	4.495	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	53003	4.955	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.000%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.134	85	2280	0.174	ug/L #	79
3) Chloromethane	1.243	50	1079	0.097	ug/L	96
12) 1,1-Dichloroethene	2.118	96	960	0.120	ug/L #	1
13) Acetone	2.179	43	2863	3.039	ug/L	94
14) Carbon disulfide	2.301	76	3711	0.122	ug/L #	87
17) Methyl tert-butyl Ether	2.777	73	2408	0.136	ug/L #	91
22) cis-1,2-Dichloroethene	3.921	96	1646	0.173	ug/L	92
34) Trichloroethene	5.924	95	8950	0.879	ug/L	94
35) Methylcyclohexane	6.072	83	12248	0.762	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	5261	0.589	ug/L #	86
39) cis-1,3-Dichloropropene	6.992	75	1278	0.099	ug/L	98
42) Toluene	7.400	91	3229	0.079	ug/L	99
47) Tetrachloroethene	7.976	164	45971	5.210	ug/L	99
48) 2-Hexanone	8.146	43	2834	0.953	ug/L #	47
49) Dibromochloromethane	7.976	129	40252	4.946	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	7093	1.662	ug/L #	64

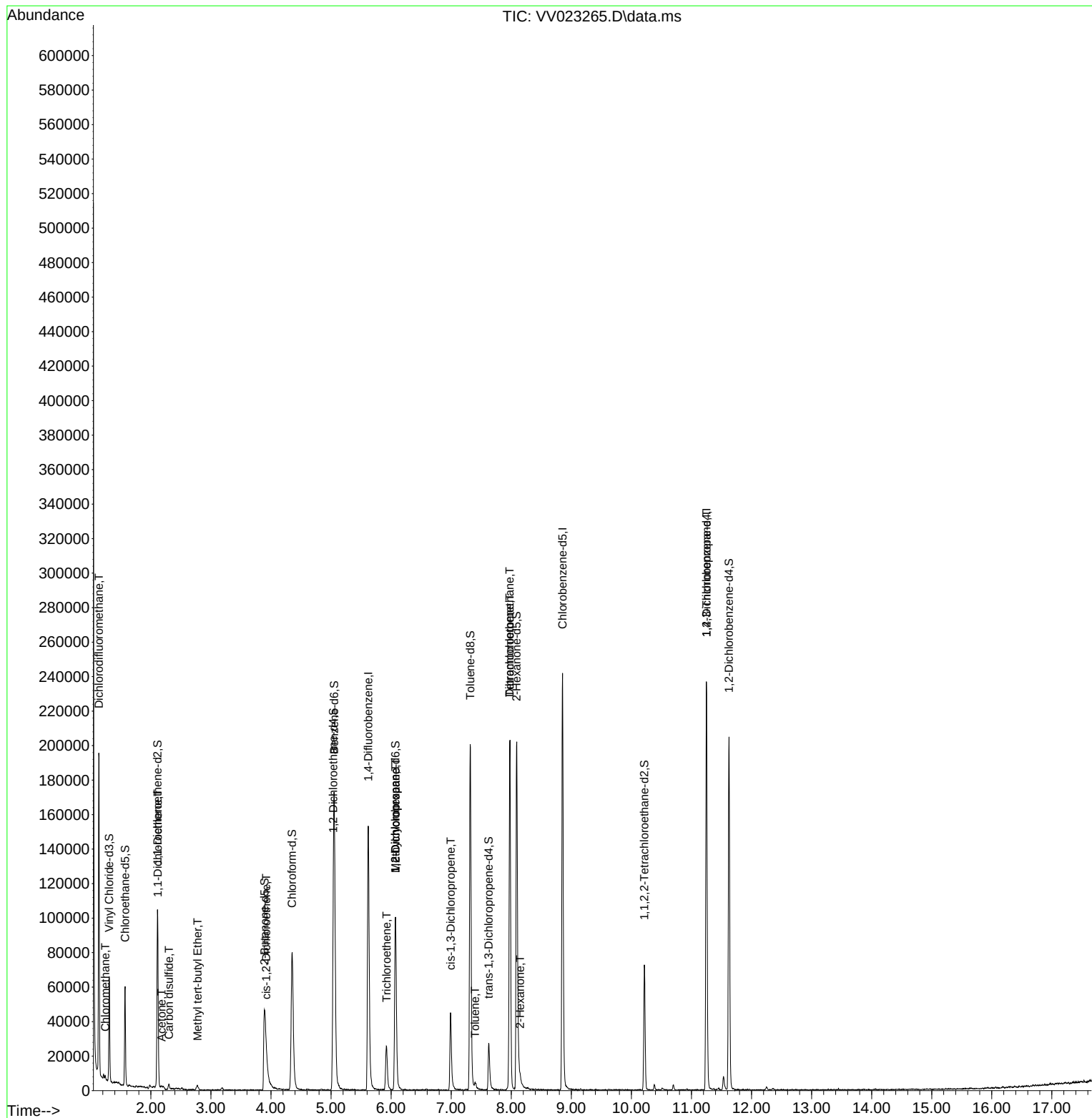
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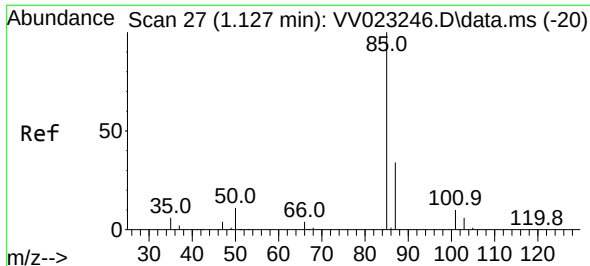
Instrument :
MSVOA_V
ClientSampleId :

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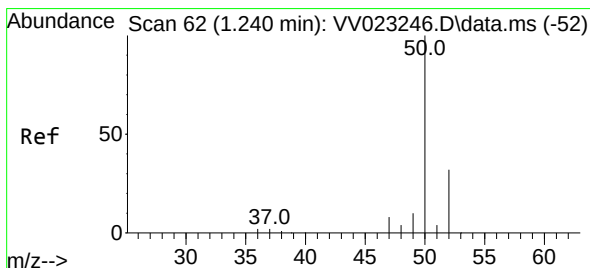
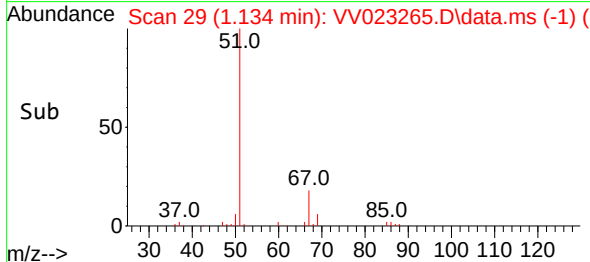
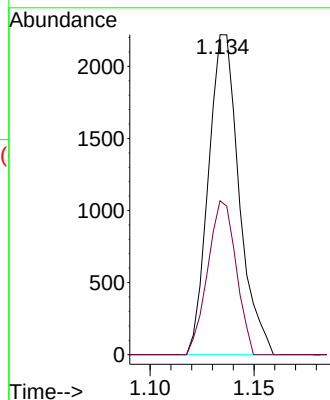
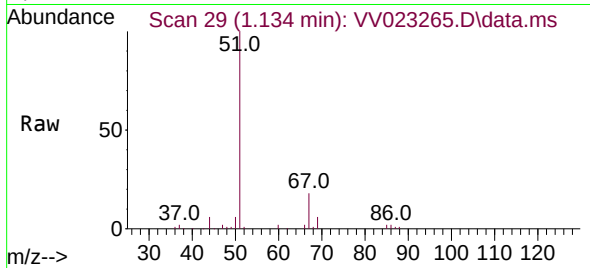




#2
 Dichlorodifluoromethane
 Concen: 0.174 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. 0.006 min
 Lab File: VV023265.D
 Acq: 06 Nov 2021 04:27

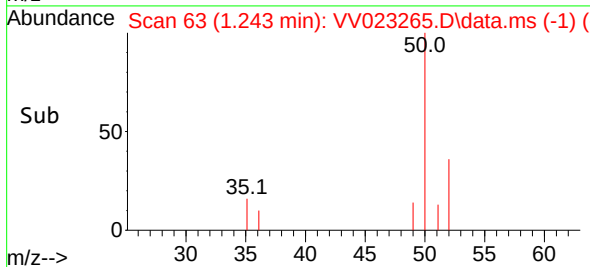
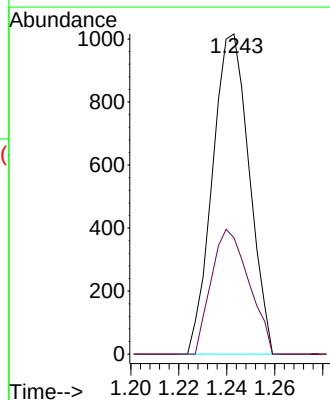
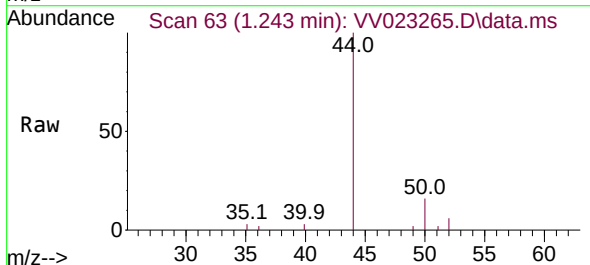
Instrument :
 MSVOA_V
 ClientSampleId :

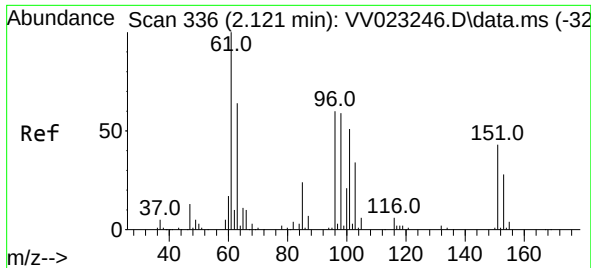
Tgt Ion: 85 Resp: 2280
 Ion Ratio Lower Upper
 85 100
 87 44.3 26.0 39.0#



#3
 Chloromethane
 Concen: 0.097 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV023265.D
 Acq: 06 Nov 2021 04:27

Tgt Ion: 50 Resp: 1079
 Ion Ratio Lower Upper
 50 100
 52 36.3 23.7 43.9

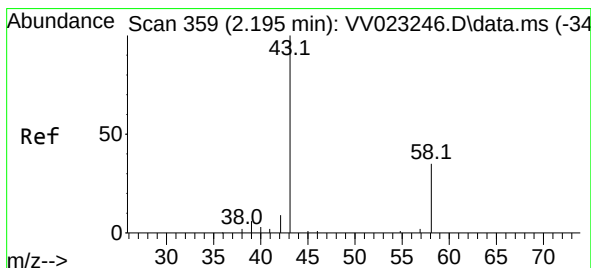
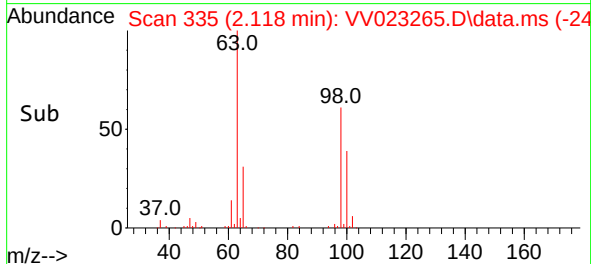
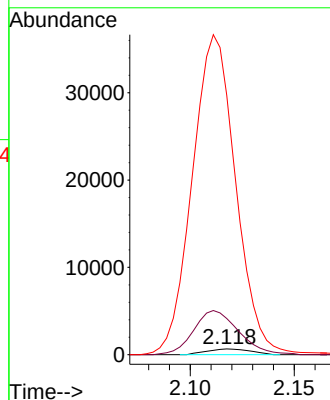
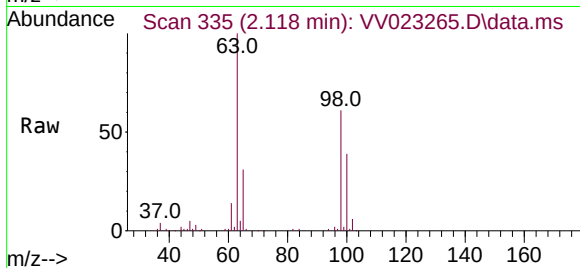




#12
1,1-Dichloroethene
Concen: 0.120 ug/L
RT: 2.118 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV023265.D
Acq: 06 Nov 2021 04:27

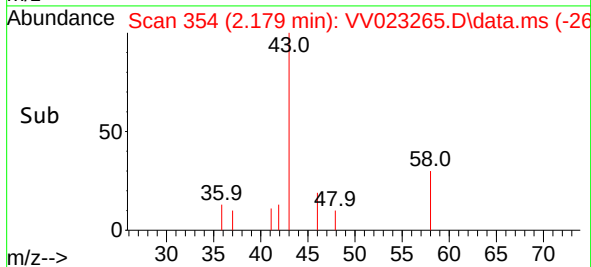
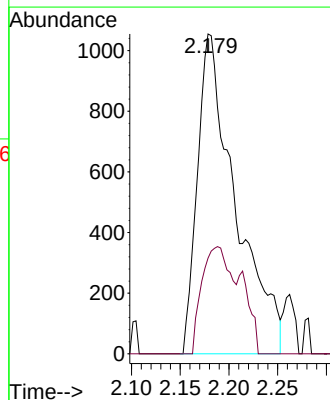
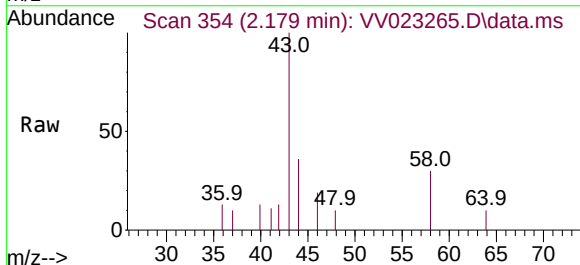
Instrument :
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ClientSampleId :

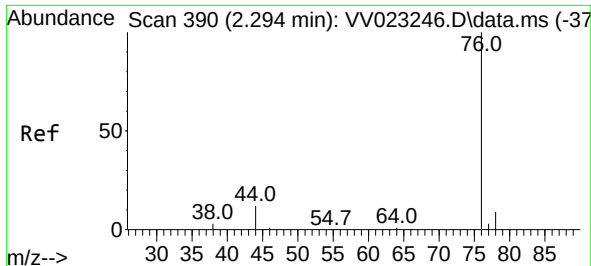
Tgt Ion: 96 Resp: 960
Ion Ratio Lower Upper
96 100
61 631.4 117.7 218.7#
63 4521.2 80.5 149.5#



#13
Acetone
Concen: 3.039 ug/L
RT: 2.179 min Scan# 354
Delta R.T. -0.016 min
Lab File: VV023265.D
Acq: 06 Nov 2021 04:27

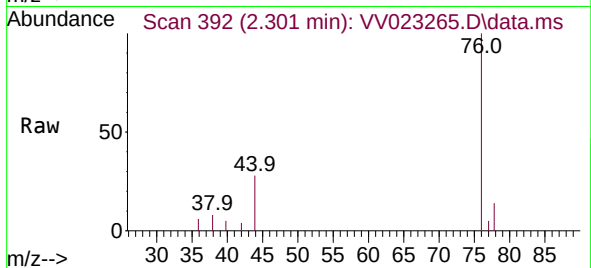
Tgt Ion: 43 Resp: 2863
Ion Ratio Lower Upper
43 100
58 26.0 0.0 45.8



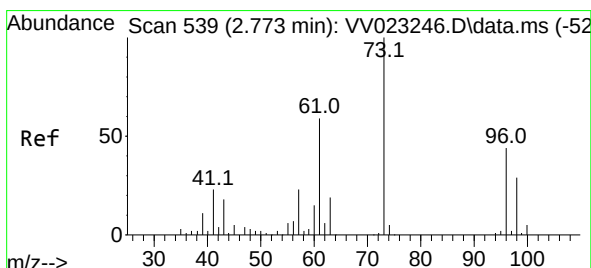
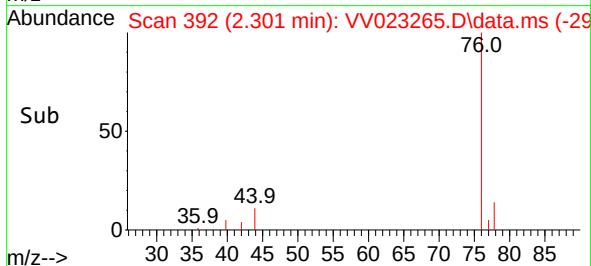
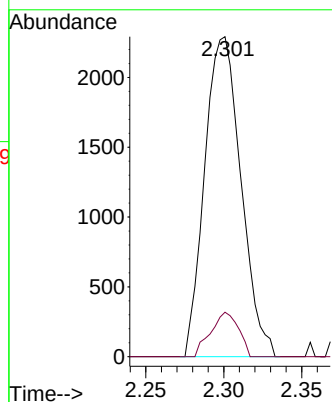


#14
Carbon disulfide
Concen: 0.122 ug/L
RT: 2.301 min Scan# 391
Delta R.T. 0.006 min
Lab File: VV023265.D
Acq: 06 Nov 2021 04:27

Instrument :
MSVOA_V
ClientSampleId :

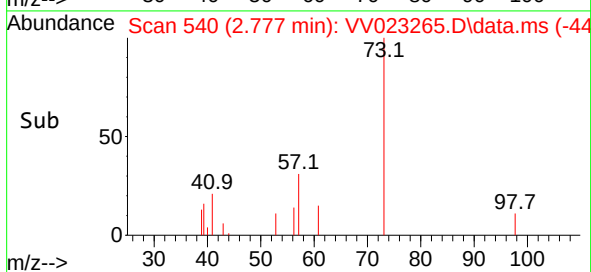
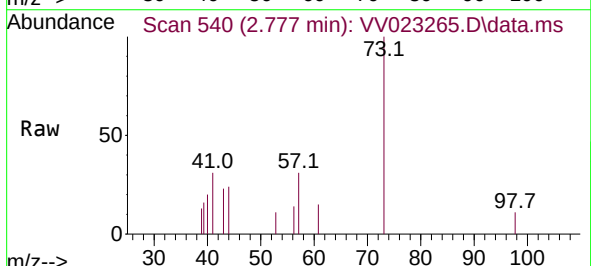
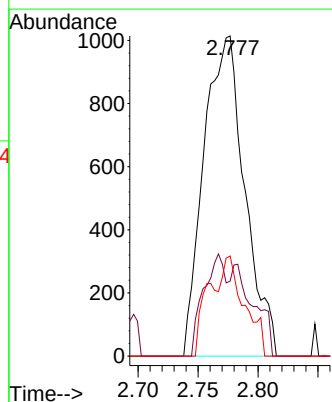


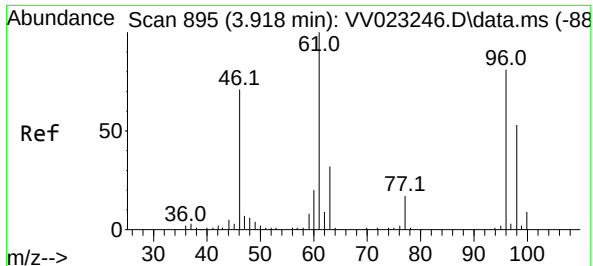
Tgt Ion: 76 Resp: 3711
Ion Ratio Lower Upper
76 100
78 13.9 7.4 11.0#



#17
Methyl tert-butyl Ether
Concen: 0.136 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.003 min
Lab File: VV023265.D
Acq: 06 Nov 2021 04:27

Tgt Ion: 73 Resp: 2408
Ion Ratio Lower Upper
73 100
43 15.3 14.2 21.4
57 17.0 17.8 26.8#





#22

cis-1,2-Dichloroethene

Concen: 0.173 ug/L

RT: 3.921 min Scan# 896

Delta R.T. 0.003 min

Lab File: VV023265.D

Acq: 06 Nov 2021 04:27

Instrument :

MSVOA_V

ClientSampleId :

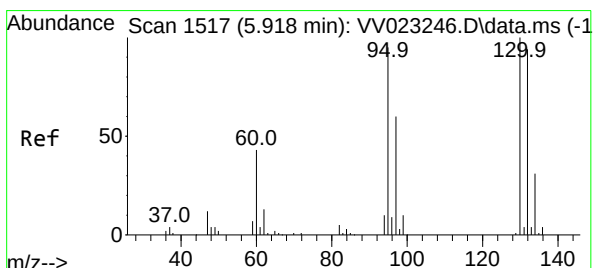
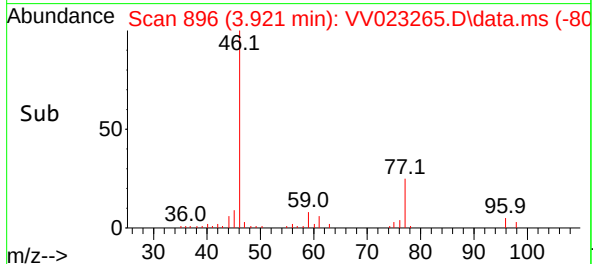
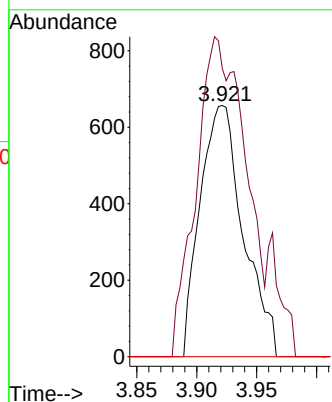
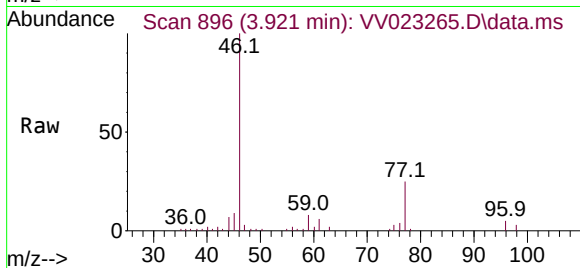
Tgt Ion: 96 Resp: 1646

Ion Ratio Lower Upper

96 100

61 114.8 86.7 160.9

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 0.879 ug/L

RT: 5.924 min Scan# 1519

Delta R.T. 0.006 min

Lab File: VV023265.D

Acq: 06 Nov 2021 04:27

Tgt Ion: 95 Resp: 8950

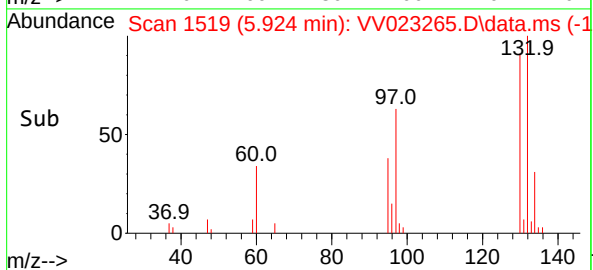
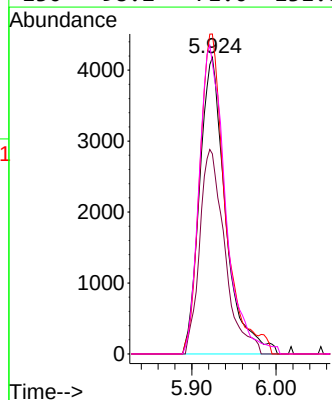
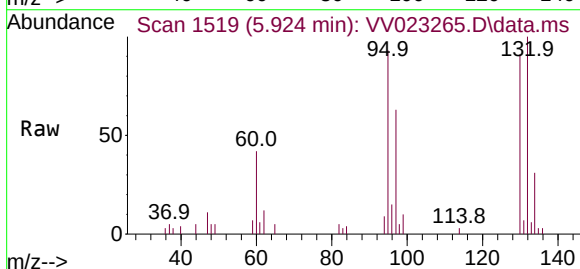
Ion Ratio Lower Upper

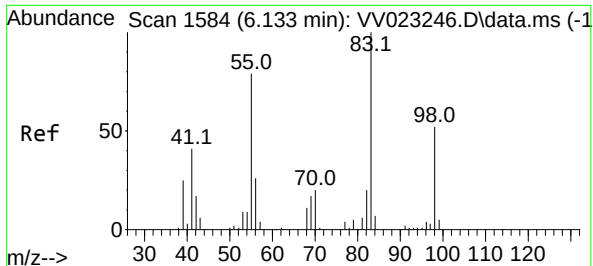
95 100

97 67.5 43.3 80.5

132 107.9 70.0 130.0

130 98.2 71.0 131.8





#35

Methylcyclohexane

Concen: 0.762 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV023265.D

Acq: 06 Nov 2021 04:27

Instrument :

MSVOA_V

ClientSampleId :

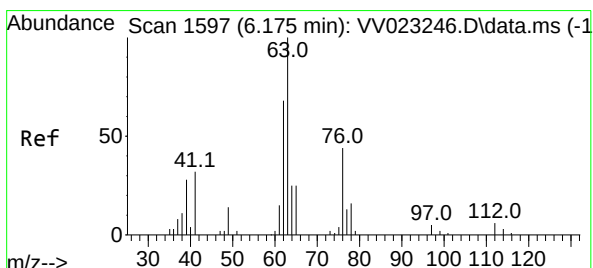
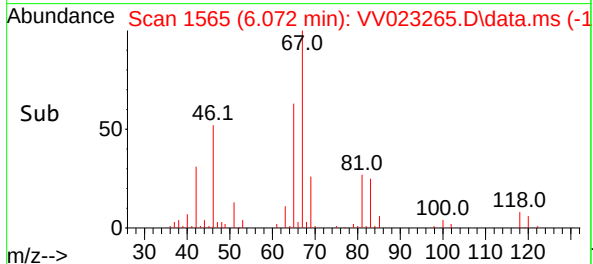
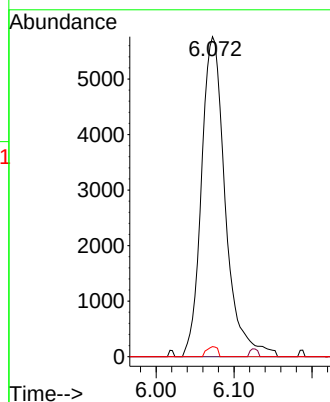
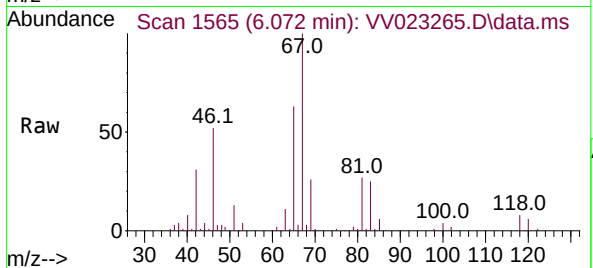
Tgt Ion: 83 Resp: 12248

Ion Ratio Lower Upper

83 100

55 0.8 59.6 89.4#

98 1.4 40.6 61.0#



#37

1,2-Dichloropropane

Concen: 0.589 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.103 min

Lab File: VV023265.D

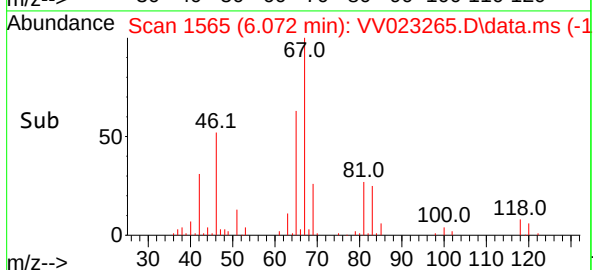
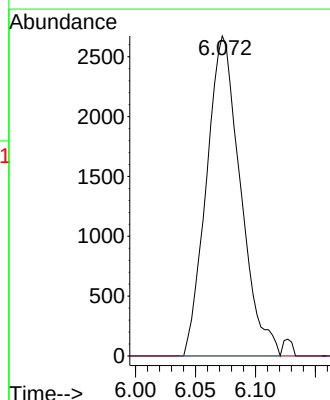
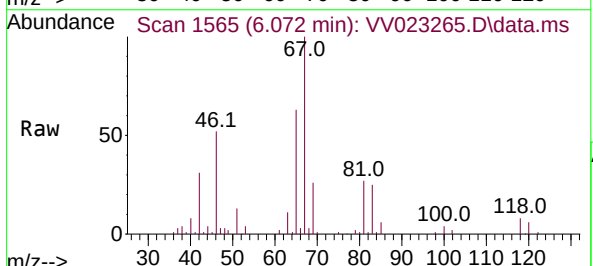
Acq: 06 Nov 2021 04:27

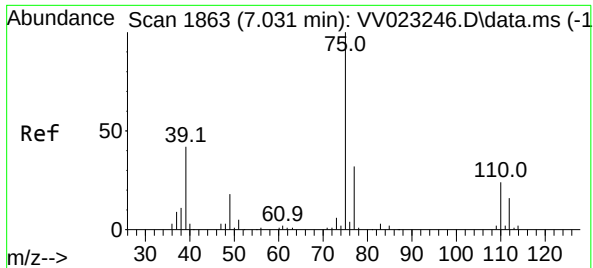
Tgt Ion: 63 Resp: 5261

Ion Ratio Lower Upper

63 100

112 0.8 4.5 6.7#





#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 6.992 min Scan# 1863

Delta R.T. -0.039 min

Lab File: VV023265.D

Acq: 06 Nov 2021 04:27

Instrument :

MSVOA_V

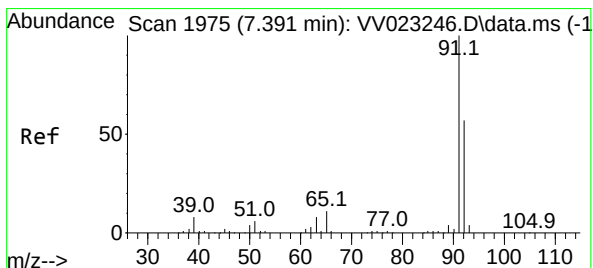
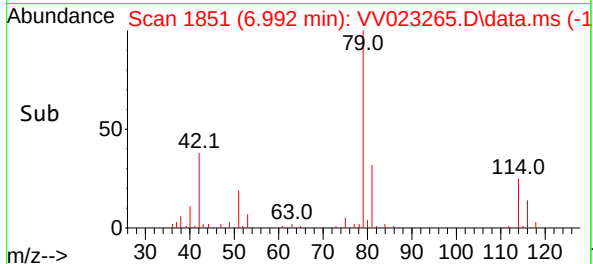
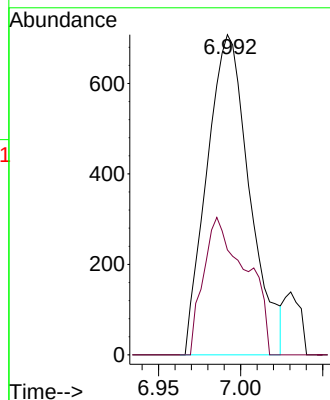
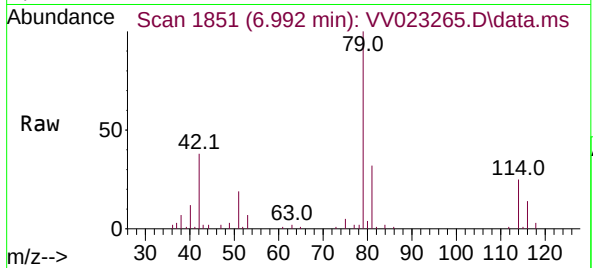
ClientSampleId :

Tgt Ion: 75 Resp: 1278

Ion Ratio Lower Upper

75 100

77 32.8 22.3 41.3



#42

Toluene

Concen: 0.079 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.010 min

Lab File: VV023265.D

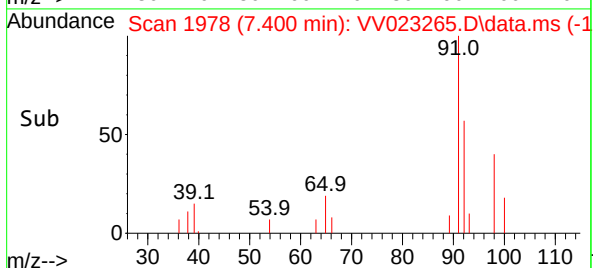
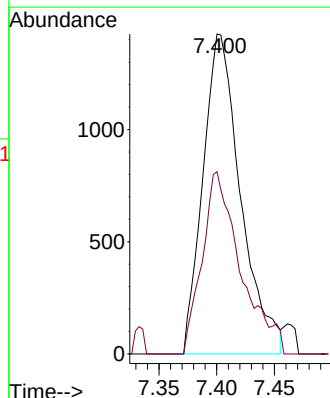
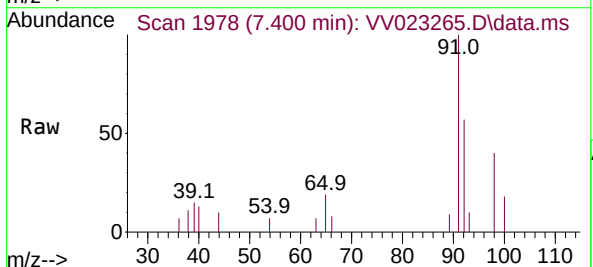
Acq: 06 Nov 2021 04:27

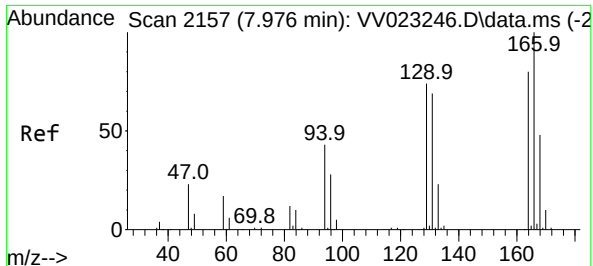
Tgt Ion: 91 Resp: 3229

Ion Ratio Lower Upper

91 100

92 56.9 40.4 75.0





#47

Tetrachloroethene

Concen: 5.210 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

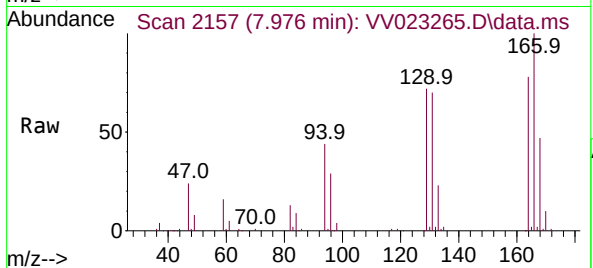
Lab File: VV023265.D

Acq: 06 Nov 2021 04:27

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 45971

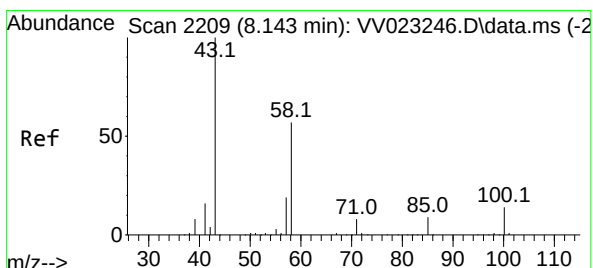
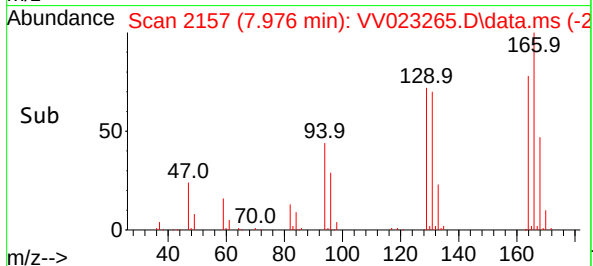
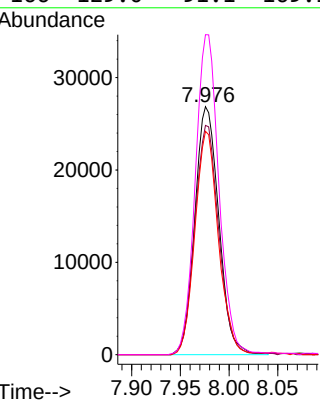
Ion Ratio Lower Upper

164 100

129 92.4 65.5 121.7

131 90.1 63.9 118.7

166 129.0 91.1 169.1



#48

2-Hexanone

Concen: 0.953 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VV023265.D

Acq: 06 Nov 2021 04:27

Tgt Ion: 43 Resp: 2834

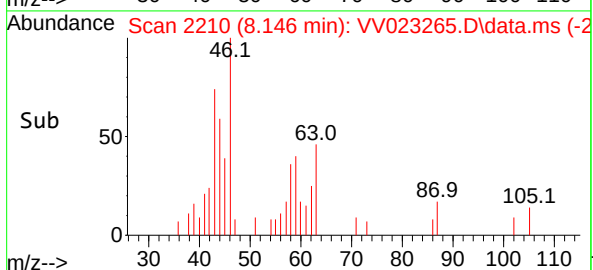
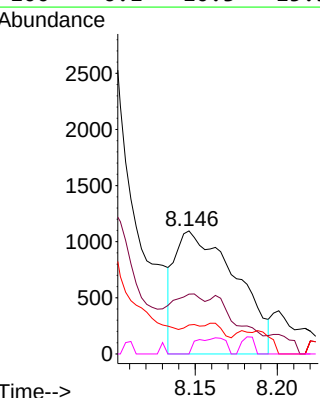
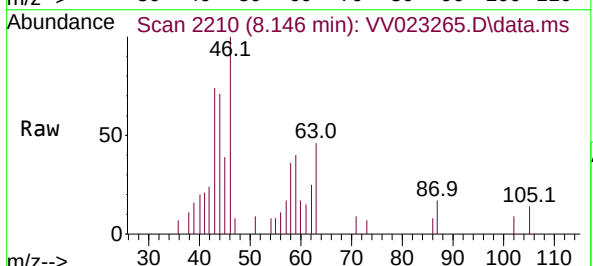
Ion Ratio Lower Upper

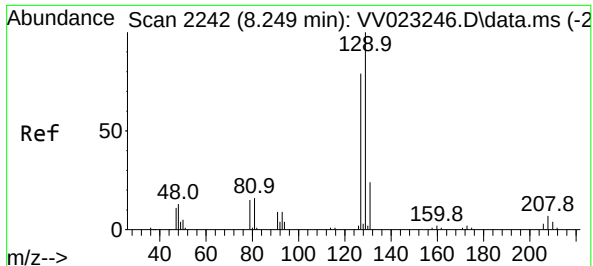
43 100

58 6.7 43.0 64.6#

57 0.0 14.9 22.3#

100 6.1 10.3 15.5#





#49

Dibromochloromethane

Concen: 4.946 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.273 min

Lab File: VV023265.D

Acq: 06 Nov 2021 04:27

Instrument :

MSVOA_V

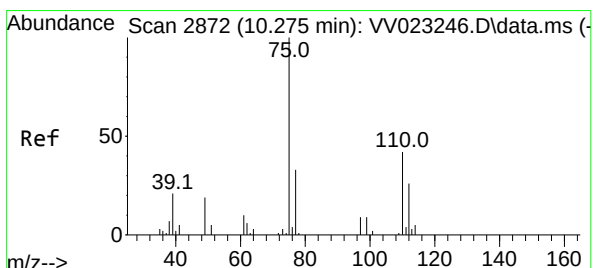
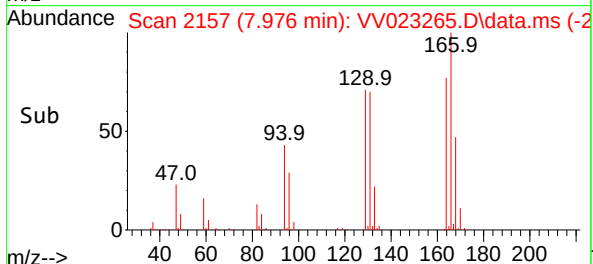
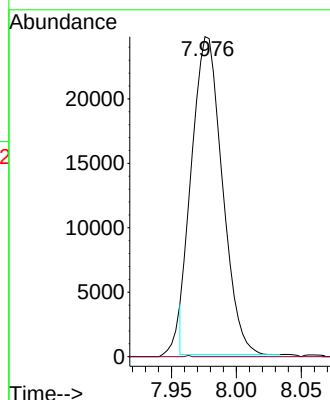
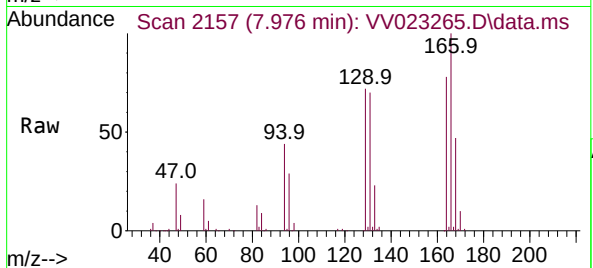
ClientSampleId :

Tgt Ion:129 Resp: 40252

Ion Ratio Lower Upper

129 100

127 0.0 54.4 101.0#



#61

1,2,3-Trichloropropane

Concen: 1.662 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV023265.D

Acq: 06 Nov 2021 04:27

Tgt Ion: 75 Resp: 7093

Ion Ratio Lower Upper

75 100

77 35.4 26.6 39.8

110 1.9 33.0 49.4#

