

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VW023359.D
 Acq On : 11 Nov 2021 02:34
 Operator : SY/MD
 Sample : M4558-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 11 03:56:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 03:34:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	130041	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	128509	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59707	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	24007	2.947	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	59.000%	
7) Chloroethane-d5	1.568	69	24191	3.643	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	72.800%	
11) 1,1-Dichloroethene-d2	2.111	63	39907	2.617	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	52.400%#	
20) 2-Butanone-d5	3.886	46	105552	75.206	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	150.420%#	
24) Chloroform-d	4.352	84	72174	4.157	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.200%	
26) 1,2-Dichloroethane-d4	5.037	65	35787	4.584	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.600%	
32) Benzene-d6	5.053	84	131548	3.990	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.800%	
36) 1,2-Dichloropropane-d6	6.075	67	44270	4.561	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.200%	
41) Toluene-d8	7.320	98	111192	3.599	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.000%	
43) trans-1,3-Dichloroprop...	7.628	79	14202	3.859	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.200%	
46) 2-Hexanone-d5	8.088	63	74694	55.160	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	110.320%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34261	4.908	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	46647	4.692	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.800%	
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	11544	1.072	ug/L	96
12) 1,1-Dichloroethene	2.121	96	5611	0.724	ug/L #	1
13) Acetone	2.182	43	3422	3.990	ug/L	94
18) trans-1,2-Dichloroethene	2.764	96	38141	4.001	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	5542170	604.096	ug/L #	95
25) Chloroform	4.381	83	8260	0.481	ug/L	91
27) 1,2-Dichloroethane	5.050	62	775	0.085	ug/L #	72
33) Benzene	5.111	78	2605	0.073	ug/L	100
35) Methylcyclohexane	5.940	83	364508	24.178	ug/L #	1
37) 1,2-Dichloropropane	6.075	63	5196	0.620	ug/L #	83
38) Bromodichloromethane	6.526	83	1576	0.140	ug/L #	88
39) cis-1,3-Dichloropropene	6.989	75	1211	0.100	ug/L #	74
42) Toluene	7.403	91	4626	0.120	ug/L	95
47) Tetrachloroethene	7.976	164	29473	3.560	ug/L	97
49) Dibromochloromethane	7.976	129	25630	3.357	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	7051	1.778	ug/L #	64

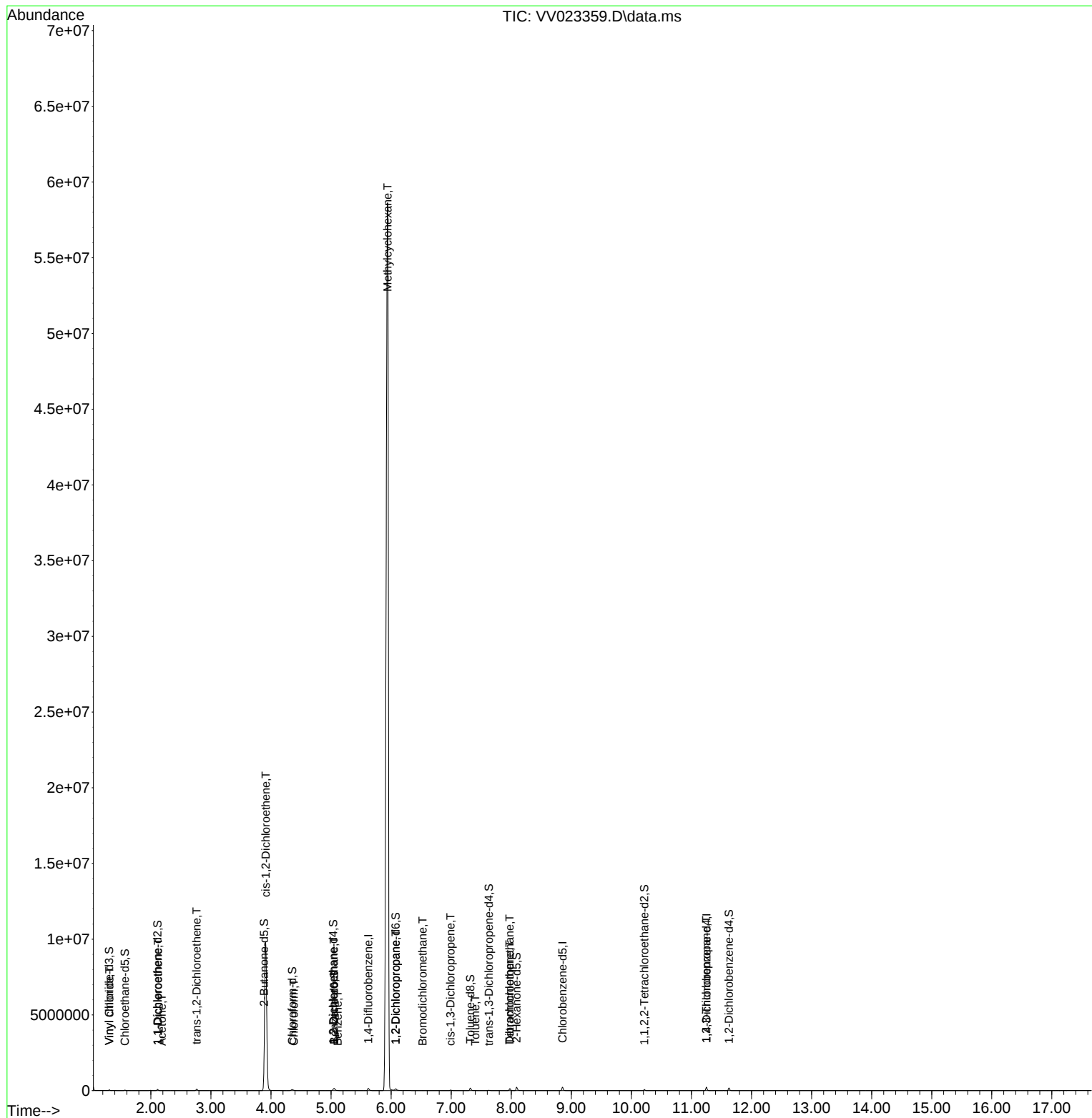
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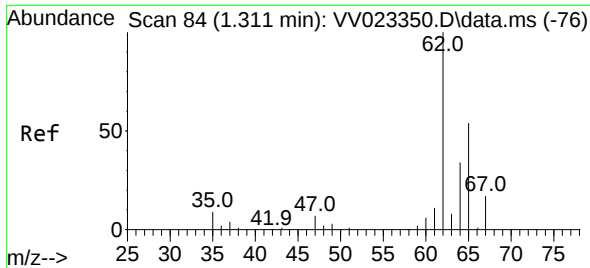
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111021\
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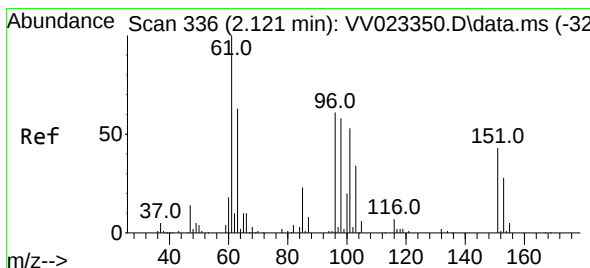
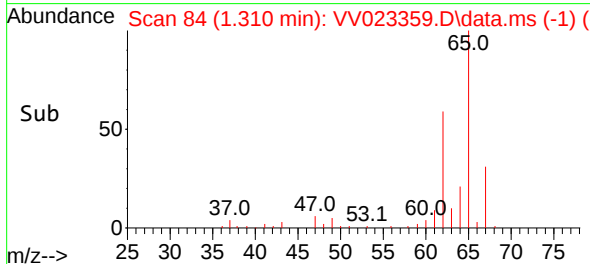
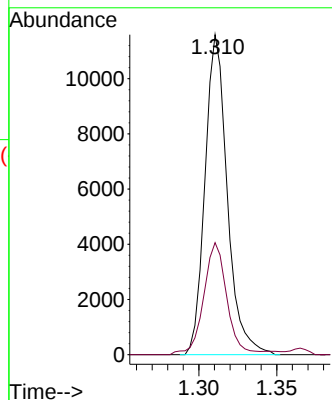
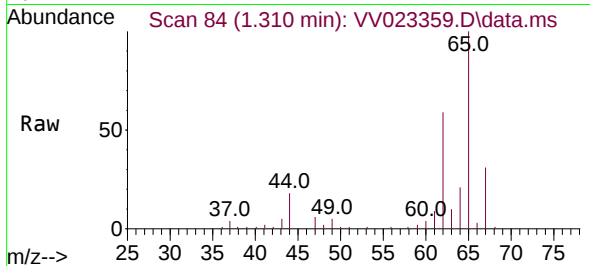




#5
 Vinyl chloride
 Concen: 1.072 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023359.D
 Acq: 11 Nov 2021 02:34

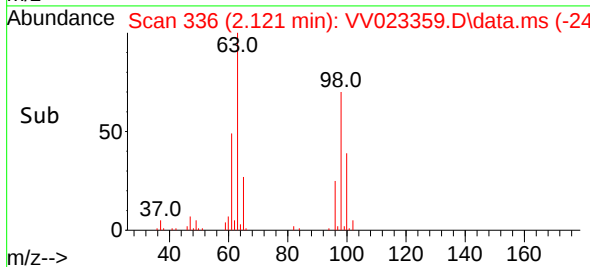
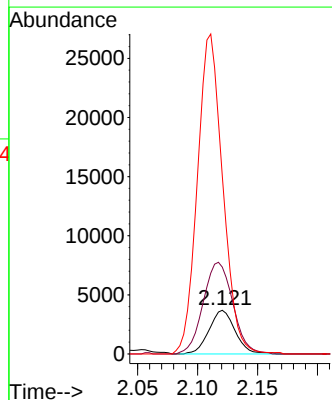
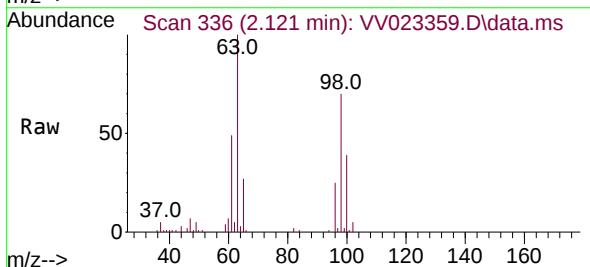
Instrument :
 MSVOA_V
 ClientSampleId :

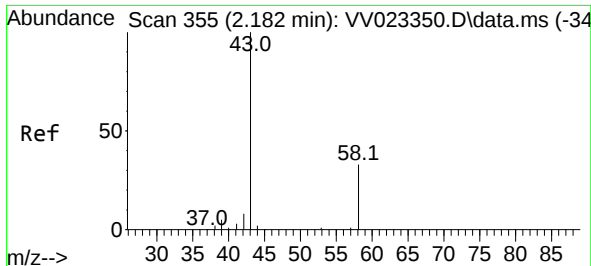
Tgt Ion: 62 Resp: 11544
 Ion Ratio Lower Upper
 62 100
 64 35.0 23.1 42.9



#12
 1,1-Dichloroethene
 Concen: 0.724 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV023359.D
 Acq: 11 Nov 2021 02:34

Tgt Ion: 96 Resp: 5611
 Ion Ratio Lower Upper
 96 100
 61 198.6 121.5 225.7
 63 407.7 99.6 185.0#





#13

Acetone

Concen: 3.990 ug/L

RT: 2.182 min Scan# 3

Delta R.T. -0.000 min

Lab File: VV023359.D

Acq: 11 Nov 2021 02:34

Instrument :

MSVOA_V

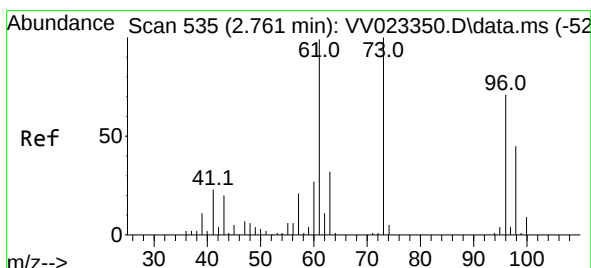
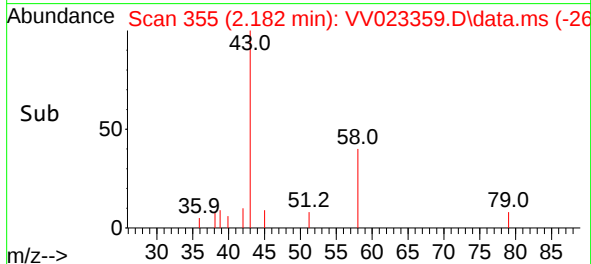
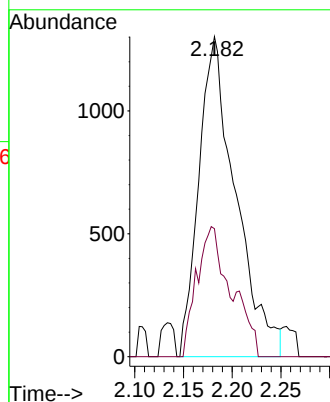
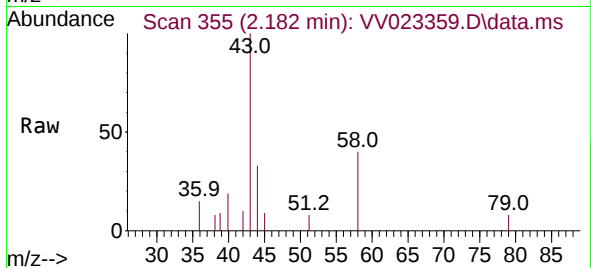
ClientSampleId :

Tgt Ion: 43 Resp: 3422

Ion Ratio Lower Upper

43 100

58 30.7 0.0 55.4



#18

trans-1,2-Dichloroethene

Concen: 4.001 ug/L

RT: 2.764 min Scan# 536

Delta R.T. 0.003 min

Lab File: VV023359.D

Acq: 11 Nov 2021 02:34

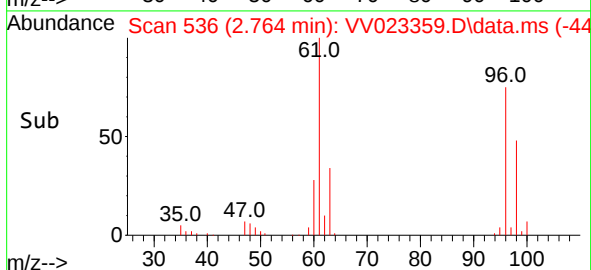
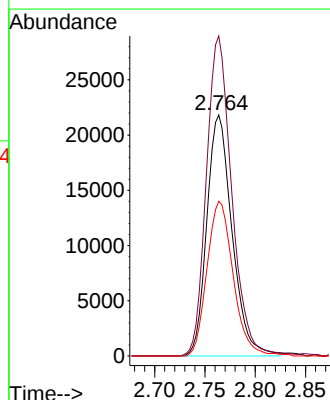
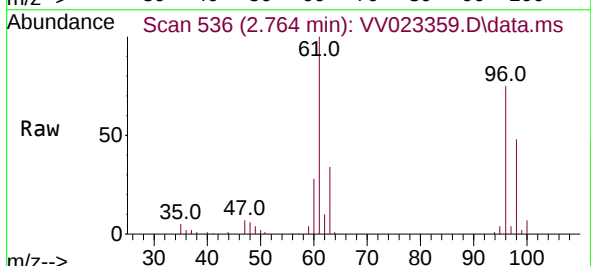
Tgt Ion: 96 Resp: 38141

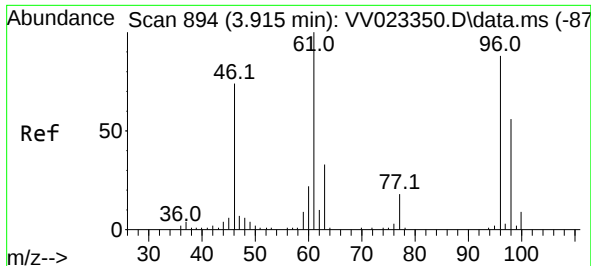
Ion Ratio Lower Upper

96 100

61 132.8 93.2 173.2

98 64.2 47.0 87.2





#22

cis-1,2-Dichloroethene

Concen: 604.096 ug/L

RT: 3.912 min Scan# 894

Delta R.T. -0.003 min

Lab File: VV023359.D

Acq: 11 Nov 2021 02:34

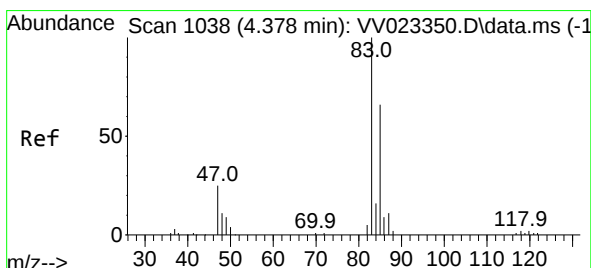
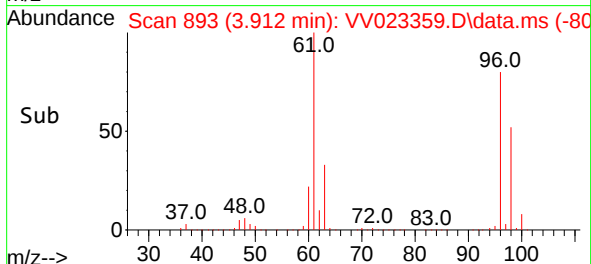
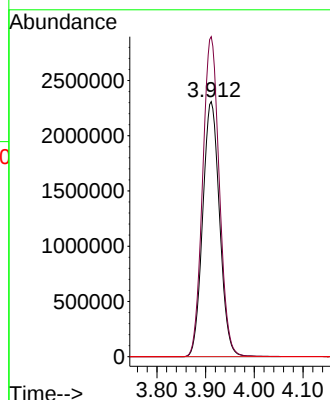
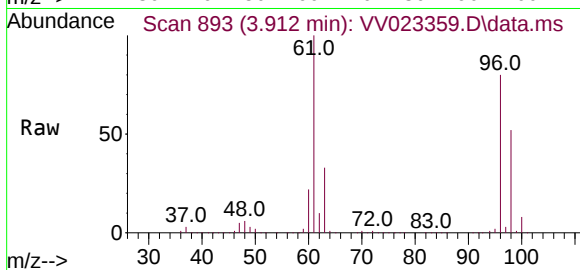
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 5542170

Ion	Ratio	Lower	Upper
96	100		
61	125.4	92.3	171.3
68	0.0	0.4	0.8



#25

Chloroform

Concen: 0.481 ug/L

RT: 4.381 min Scan# 1039

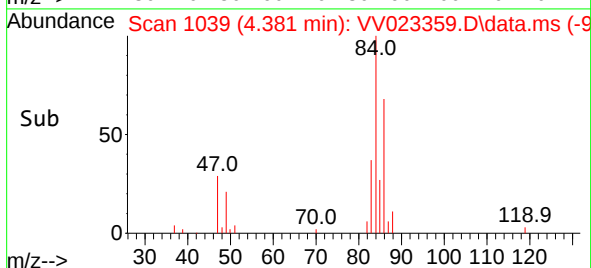
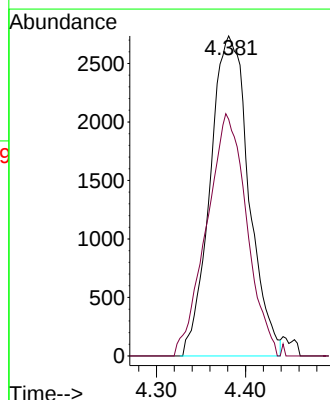
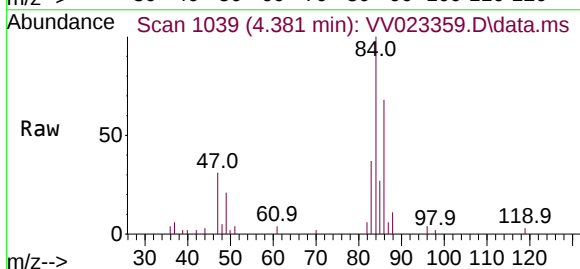
Delta R.T. 0.003 min

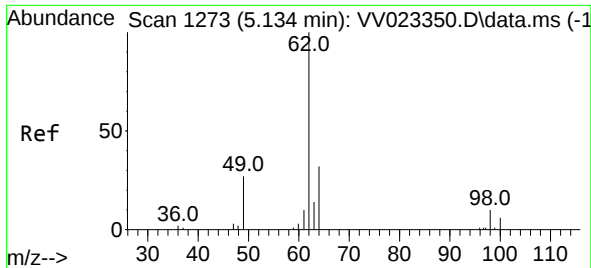
Lab File: VV023359.D

Acq: 11 Nov 2021 02:34

Tgt Ion: 83 Resp: 8260

Ion	Ratio	Lower	Upper
83	100		
85	73.9	46.8	86.8

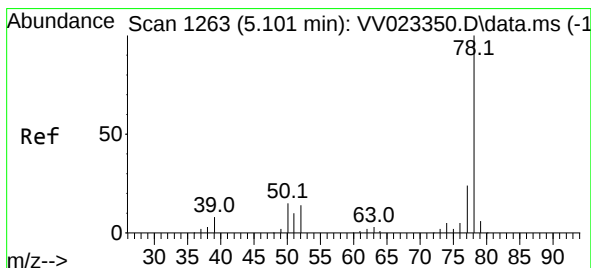
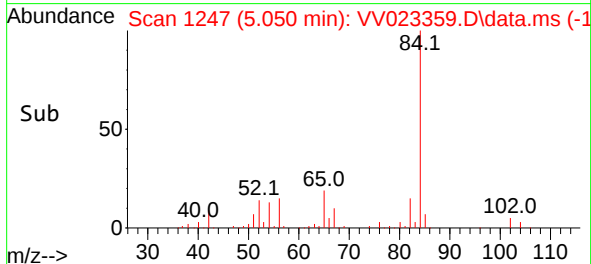
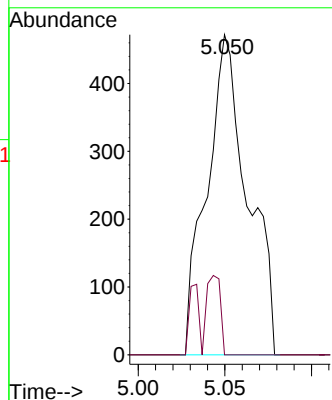
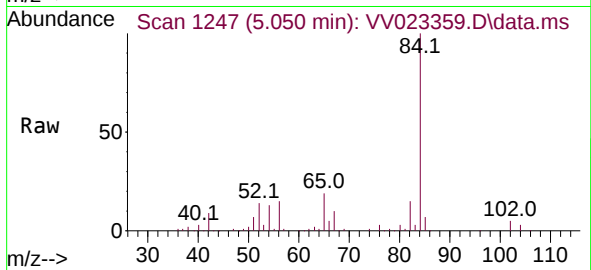




#27
1,2-Dichloroethane
Concen: 0.085 ug/L
RT: 5.050 min Scan# 11
Delta R.T. -0.084 min
Lab File: VV023359.D
Acq: 11 Nov 2021 02:34

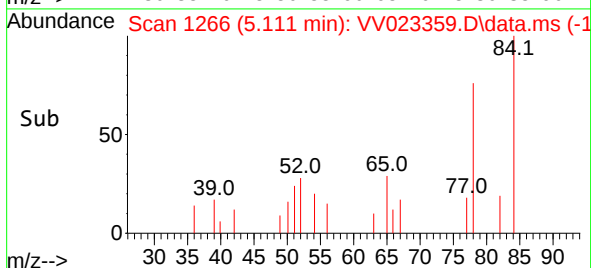
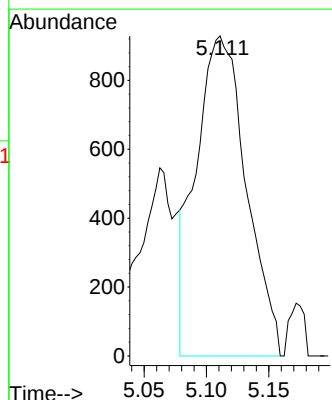
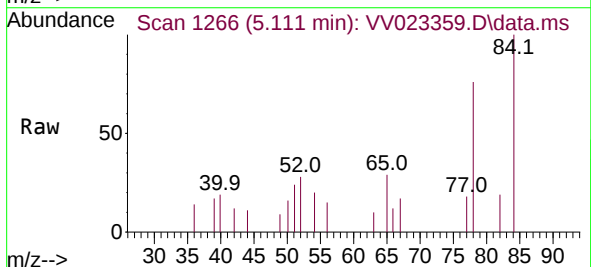
Instrument :
MSVOA_V
ClientSampleId :

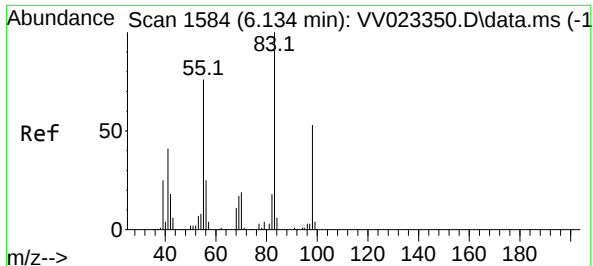
Tgt Ion: 62 Resp: 775
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#



#33
Benzene
Concen: 0.073 ug/L
RT: 5.111 min Scan# 1266
Delta R.T. 0.009 min
Lab File: VV023359.D
Acq: 11 Nov 2021 02:34

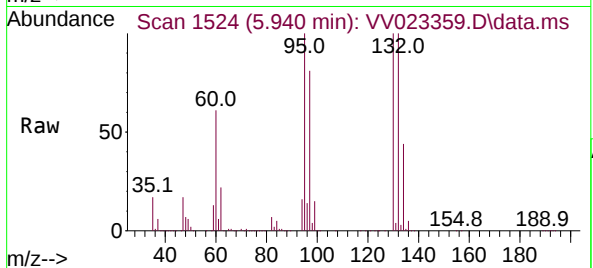
Tgt Ion: 78 Resp: 2605



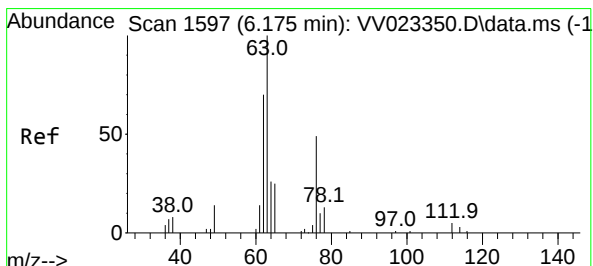
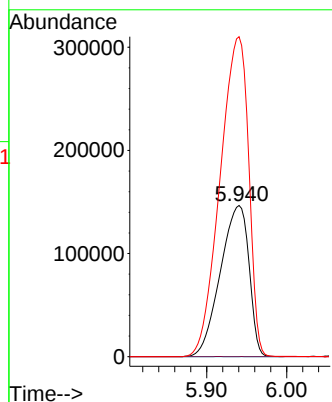
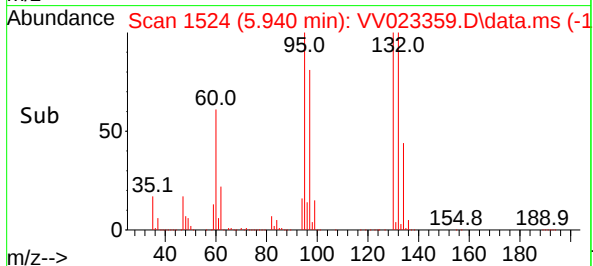


#35
Methylcyclohexane
Concen: 24.178 ug/L
RT: 5.940 min Scan# 11
Delta R.T. -0.193 min
Lab File: VV023359.D
Acq: 11 Nov 2021 02:34

Instrument :
MSVOA_V
ClientSampleId :

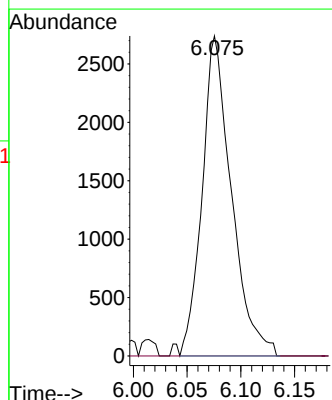
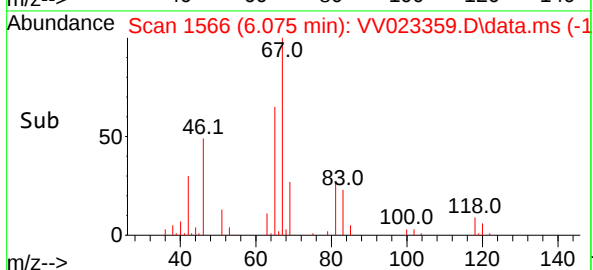
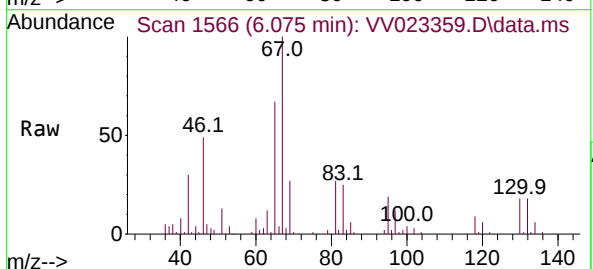


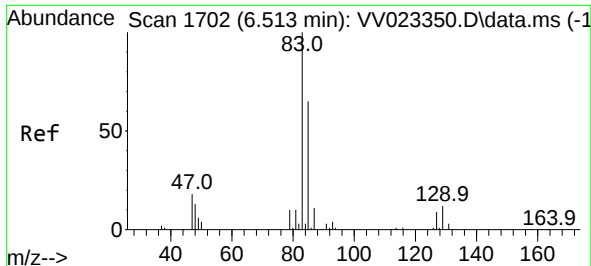
Tgt Ion: 83 Resp: 364508
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 211.4 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.620 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.100 min
Lab File: VV023359.D
Acq: 11 Nov 2021 02:34

Tgt Ion: 63 Resp: 5196
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#38

Bromodichloromethane

Concen: 0.140 ug/L

RT: 6.526 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV023359.D

Acq: 11 Nov 2021 02:34

Instrument :

MSVOA_V

ClientSampleId :

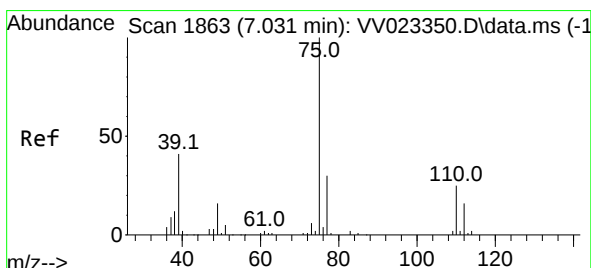
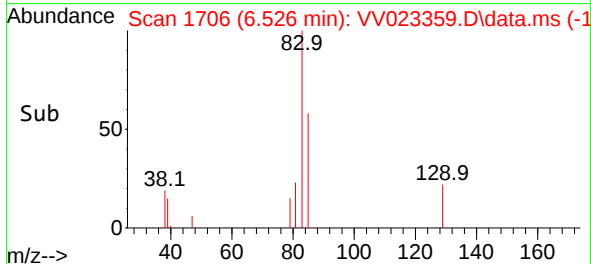
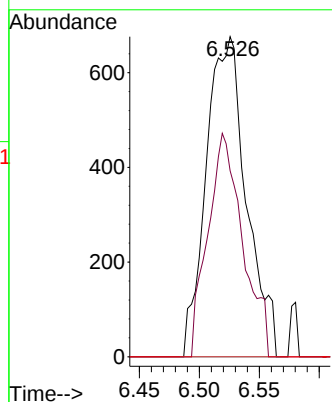
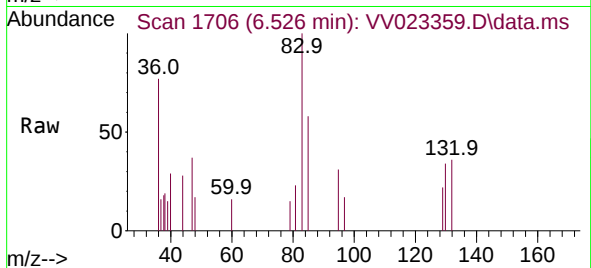
Tgt Ion: 83 Resp: 1576

Ion Ratio Lower Upper

83 100

85 58.1 46.1 85.7

127 0.0 7.2 10.8#



#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.042 min

Lab File: VV023359.D

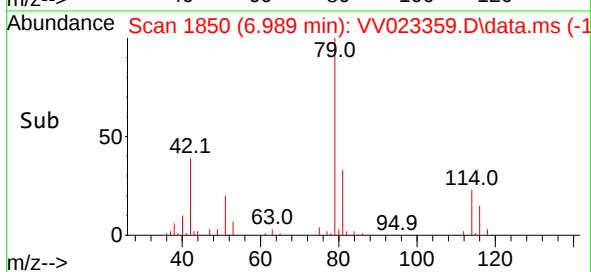
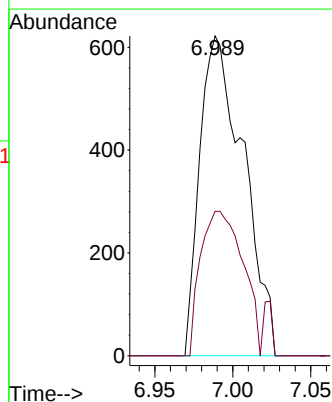
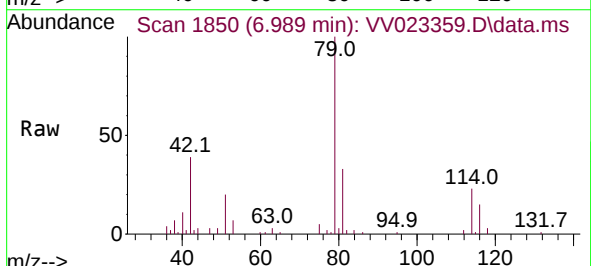
Acq: 11 Nov 2021 02:34

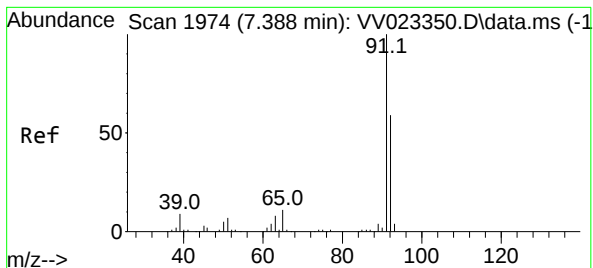
Tgt Ion: 75 Resp: 1211

Ion Ratio Lower Upper

75 100

77 45.2 21.6 40.2#





#42

Toluene

Concen: 0.120 ug/L

RT: 7.403 min Scan# 1974

Delta R.T. 0.016 min

Lab File: VV023359.D

Acq: 11 Nov 2021 02:34

Instrument :

MSVOA_V

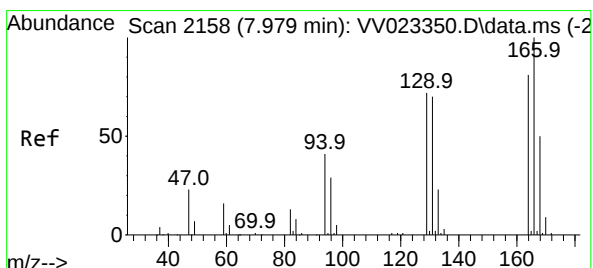
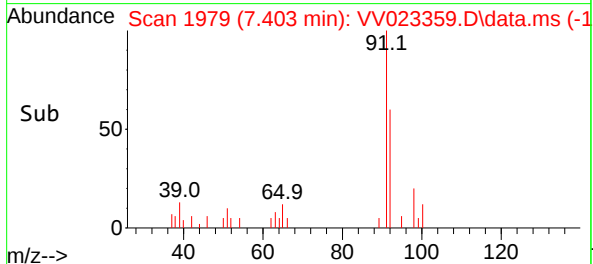
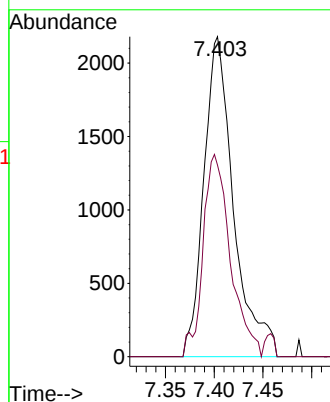
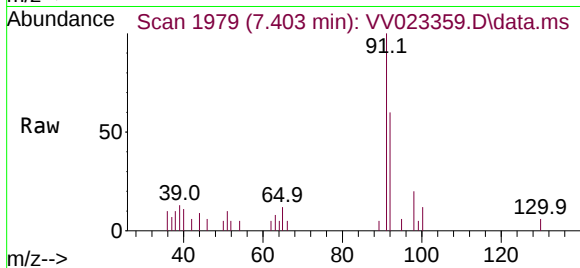
ClientSampleId :

Tgt Ion: 91 Resp: 4626

Ion Ratio Lower Upper

91 100

92 59.9 39.3 72.9



#47

Tetrachloroethene

Concen: 3.560 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.003 min

Lab File: VV023359.D

Acq: 11 Nov 2021 02:34

Tgt Ion: 164 Resp: 29473

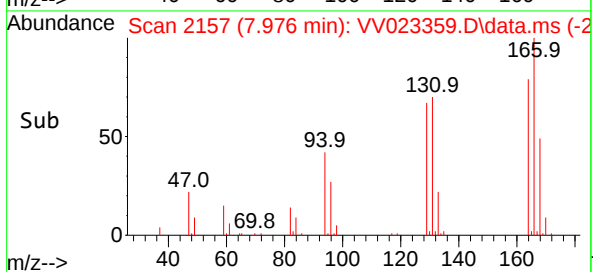
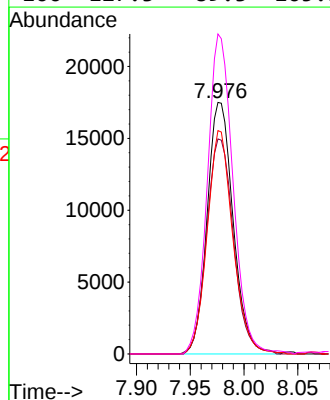
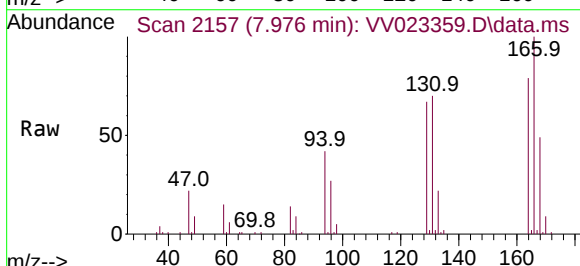
Ion Ratio Lower Upper

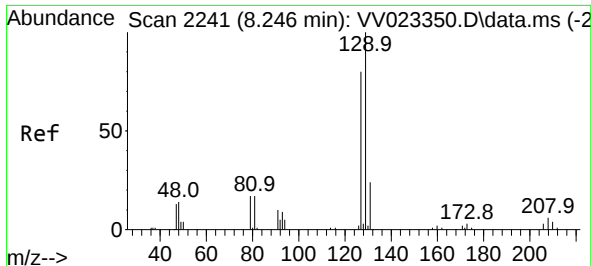
164 100

129 85.5 64.0 119.0

131 88.8 63.4 117.8

166 127.3 89.3 165.9





#49

Dibromochloromethane

Concen: 3.357 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV023359.D

Acq: 11 Nov 2021 02:34

Instrument :

MSVOA_V

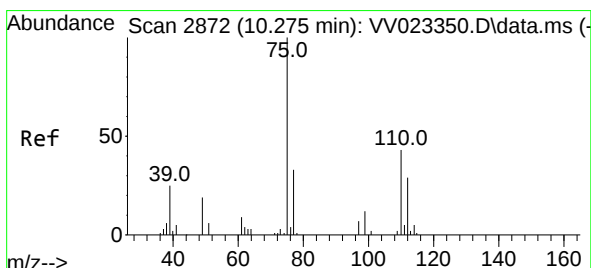
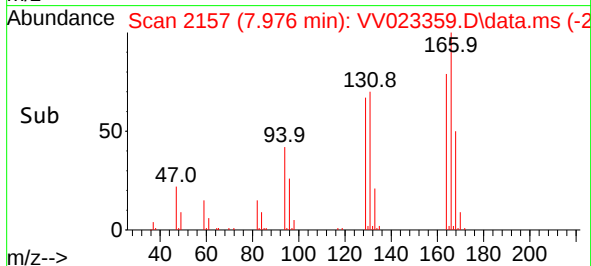
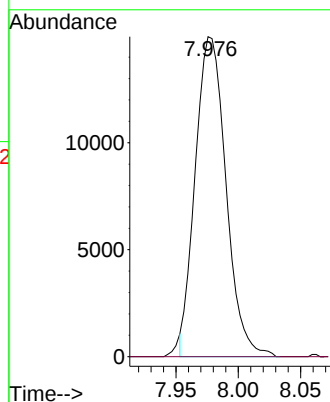
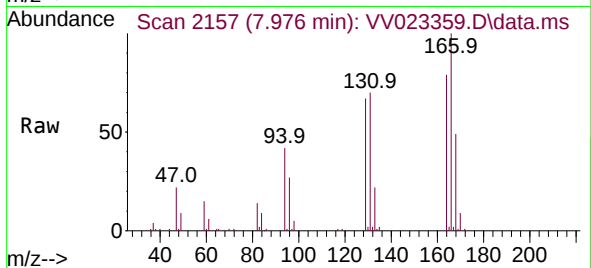
ClientSampleId :

Tgt Ion:129 Resp: 25630

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 1.778 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.971 min

Lab File: VV023359.D

Acq: 11 Nov 2021 02:34

Tgt Ion: 75 Resp: 7051

Ion Ratio Lower Upper

75 100

77 31.3 26.6 39.8

110 1.2 31.8 47.6#

