

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112421\
 Data File : VW023696.D
 Acq On : 24 Nov 2021 13:30
 Operator : SY/MD
 Sample : M4723-12DL 40X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 26 01:52:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 01:51:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	138623	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	134268	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64513	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	45668	4.013	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	80.200%	
7) Chloroethane-d5	1.568	69	39617	4.429	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.600%	
11) 1,1-Dichloroethene-d2	2.108	63	64650	3.224	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.400%	
20) 2-Butanone-d5	3.896	46	54377	39.748	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	79.500%	
24) Chloroform-d	4.346	84	87300	4.406	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
26) 1,2-Dichloroethane-d4	5.034	65	44214	4.776	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.600%	
32) Benzene-d6	5.050	84	173400	4.741	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
36) 1,2-Dichloropropane-d6	6.069	67	49470	4.824	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.400%	
41) Toluene-d8	7.317	98	153197	4.483	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.600%	
43) trans-1,3-Dichloroprop...	7.625	79	19443	4.704	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.000%	
46) 2-Hexanone-d5	8.092	63	67765	49.347	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.700%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35324	4.787	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	59015	5.174	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.400%	
Target Compounds						Qvalue
3) Chloromethane	1.214	50	1977	0.173	ug/L #	61
5) Vinyl chloride	1.311	62	7984	0.665	ug/L	84
6) Bromomethane	1.526	94	362	0.053	ug/L	80
8) Chloroethane	1.311	64	3226	0.424	ug/L	99
12) 1,1-Dichloroethene	2.114	96	997	0.107	ug/L #	1
16) Methylene chloride	2.507	84	13905	1.049	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	101485	10.003	ug/L	98
27) 1,2-Dichloroethane	5.053	62	1277	0.121	ug/L #	73
34) Trichloroethene	5.918	95	18420	1.796	ug/L	96
35) Methylcyclohexane	6.069	83	12624	0.790	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	5708	0.627	ug/L #	84
42) Toluene	7.397	91	2545	0.061	ug/L	97
47) Tetrachloroethene	7.979	164	8112	0.869	ug/L	98
48) 2-Hexanone	8.146	43	5152	1.605	ug/L #	75
49) Dibromochloromethane	7.976	129	6944	0.804	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	6585	1.439	ug/L #	63

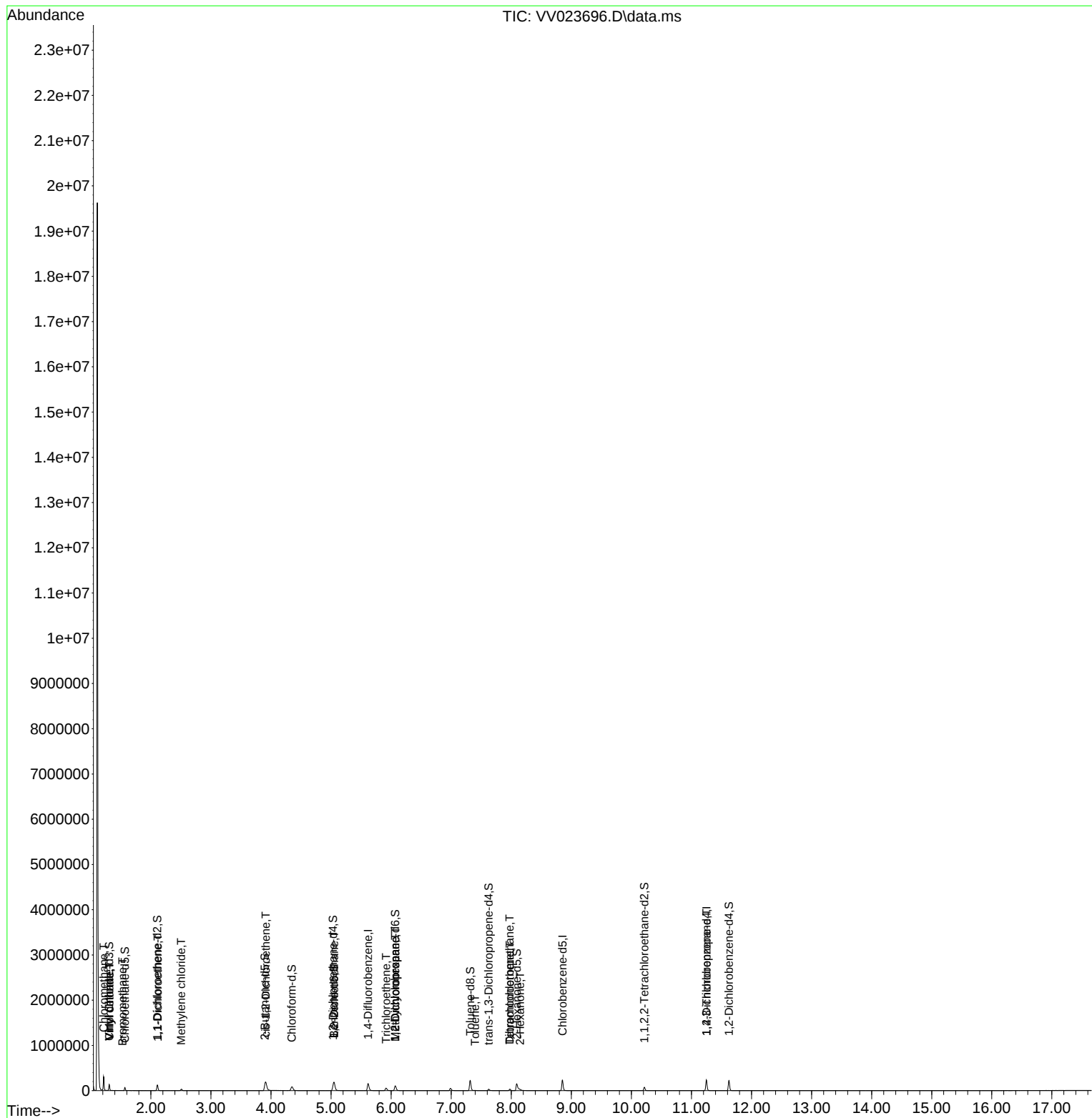
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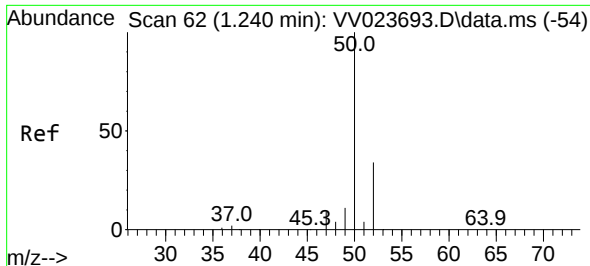
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112421\
Data File : VV023696.D
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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

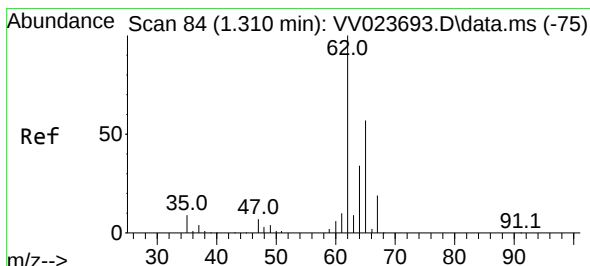
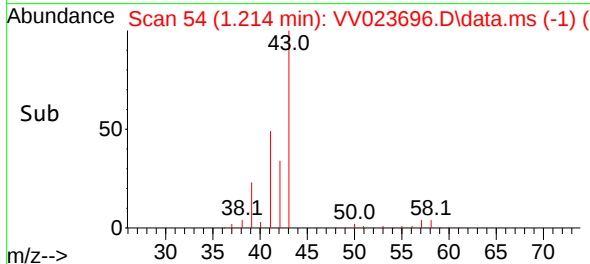
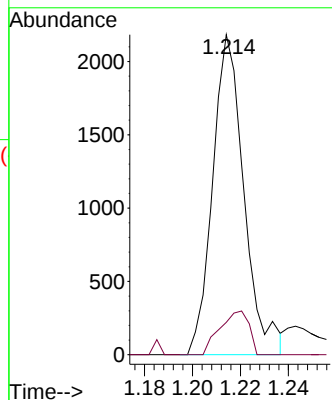
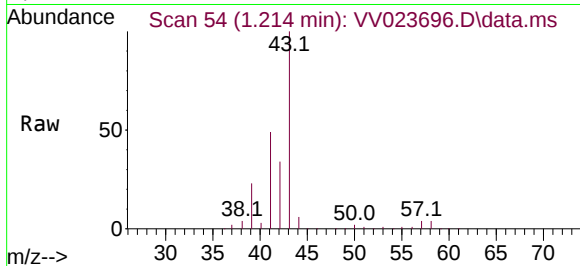




#3
Chloromethane
Concen: 0.173 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.026 min
Lab File: VV023696.D
Acq: 24 Nov 2021 13:30

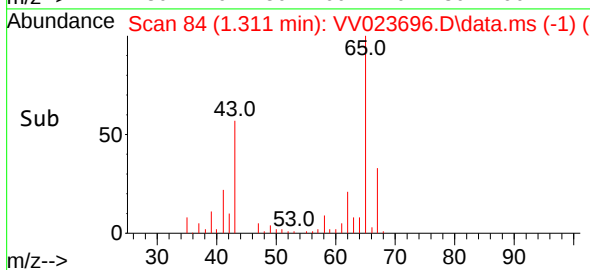
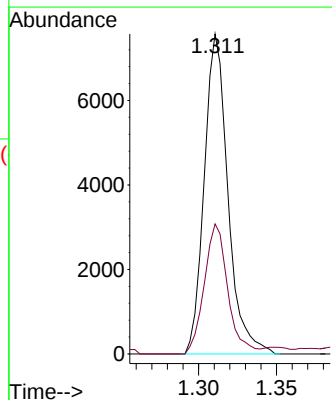
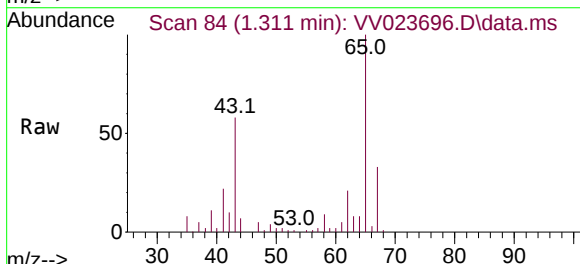
Instrument :
MSVOA_V
ClientSampleId :

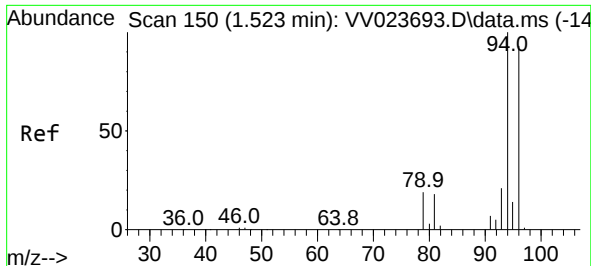
Tgt Ion: 50 Resp: 1977
Ion Ratio Lower Upper
50 100
52 10.1 22.0 41.0#



#5
Vinyl chloride
Concen: 0.665 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV023696.D
Acq: 24 Nov 2021 13:30

Tgt Ion: 62 Resp: 7984
Ion Ratio Lower Upper
62 100
64 40.7 22.4 41.6

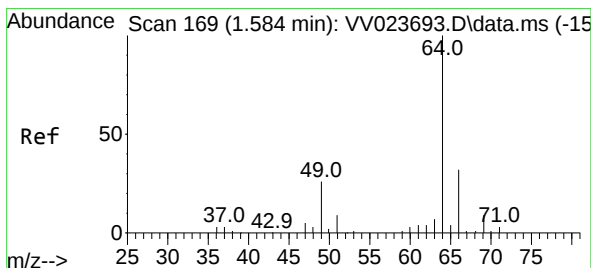
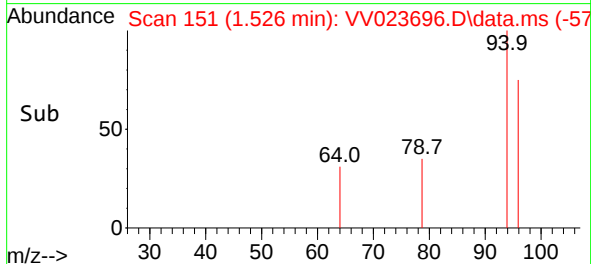
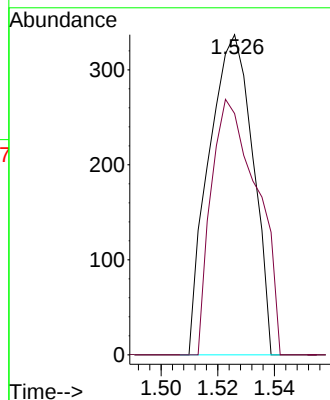
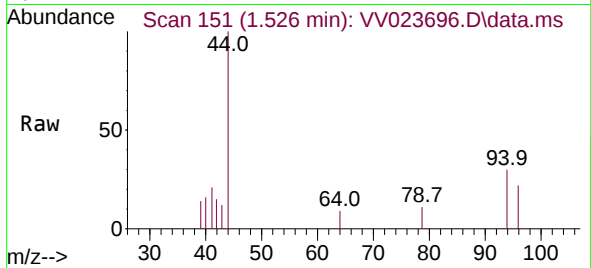




#6
Bromomethane
Concen: 0.053 ug/L
RT: 1.526 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023696.D
Acq: 24 Nov 2021 13:30

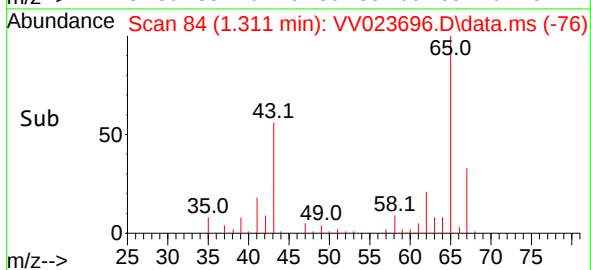
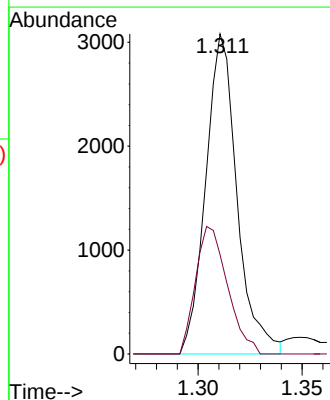
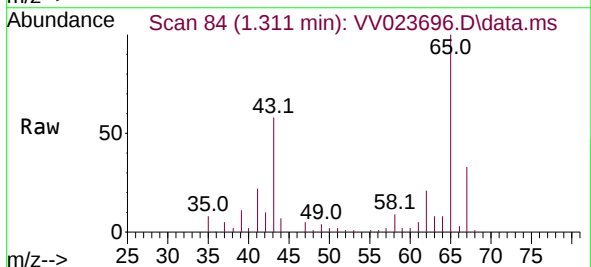
Instrument :
MSVOA_V
ClientSampleId :

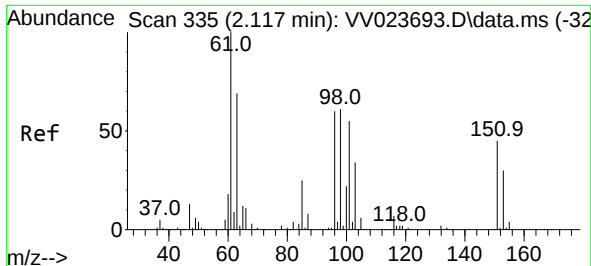
Tgt Ion: 94 Resp: 362
Ion Ratio Lower Upper
94 100
96 75.4 66.2 123.0



#8
Chloroethane
Concen: 0.424 ug/L
RT: 1.311 min Scan# 84
Delta R.T. -0.273 min
Lab File: VV023696.D
Acq: 24 Nov 2021 13:30

Tgt Ion: 64 Resp: 3226
Ion Ratio Lower Upper
64 100
66 31.0 21.4 39.8





#12

1,1-Dichloroethene

Concen: 0.107 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.003 min

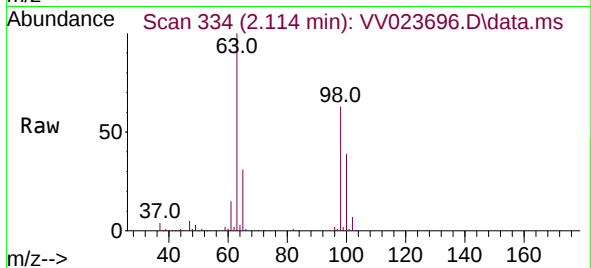
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Acq: 24 Nov 2021 13:30

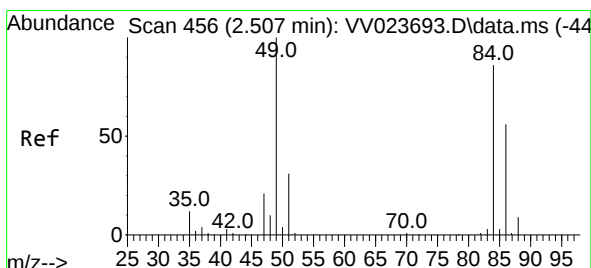
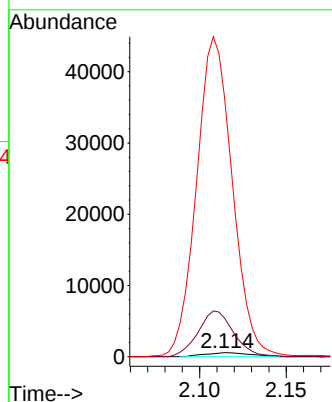
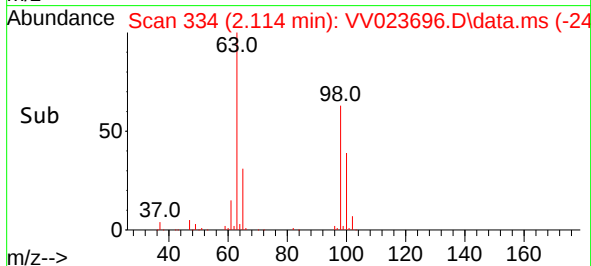
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	96	Resp:	997
Ion	Ratio	Lower	Upper
96	100		
61	978.3	116.1	215.5#
63	6591.0	79.4	147.4#



#16

Methylene chloride

Concen: 1.049 ug/L

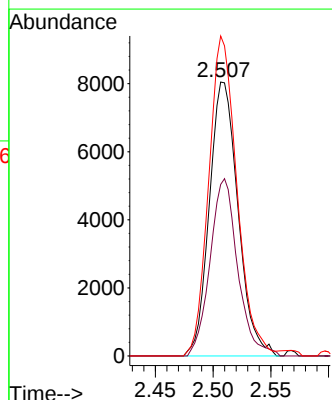
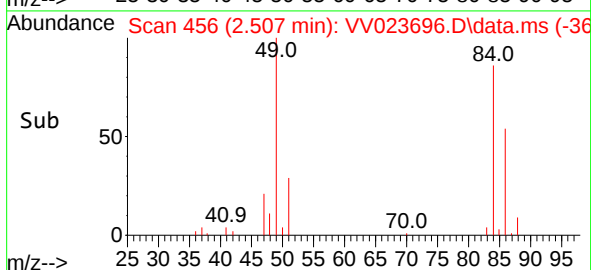
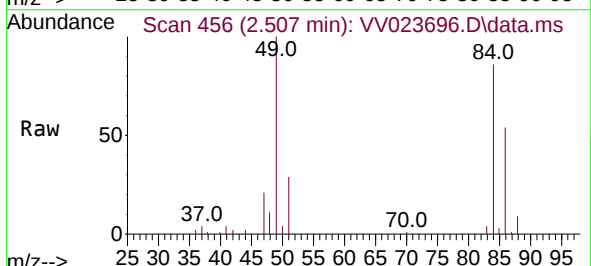
RT: 2.507 min Scan# 456

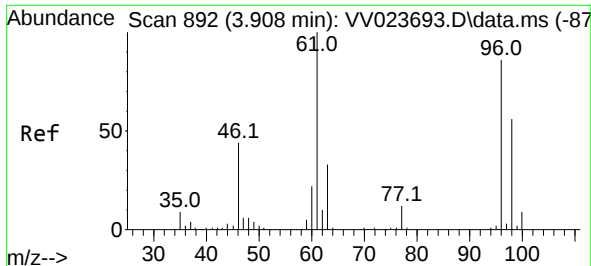
Delta R.T. 0.000 min

Lab File: VV023696.D

Acq: 24 Nov 2021 13:30

Tgt Ion:	84	Resp:	13905
Ion	Ratio	Lower	Upper
84	100		
86	62.6	42.6	79.0
49	116.8	79.7	147.9

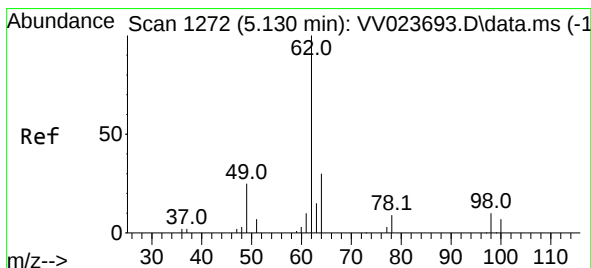
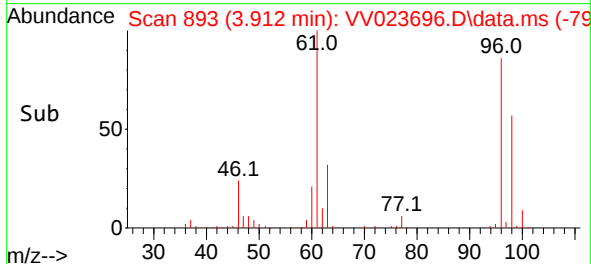
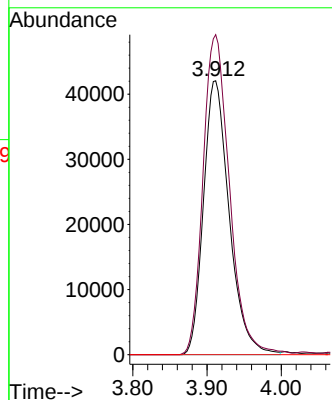
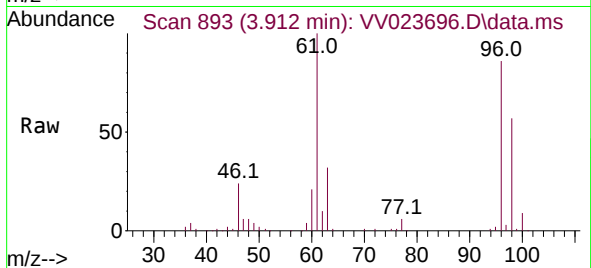




#22
 cis-1,2-Dichloroethene
 Concen: 10.003 ug/L
 RT: 3.912 min Scan# 89
 Delta R.T. 0.003 min
 Lab File: VV023696.D
 Acq: 24 Nov 2021 13:30

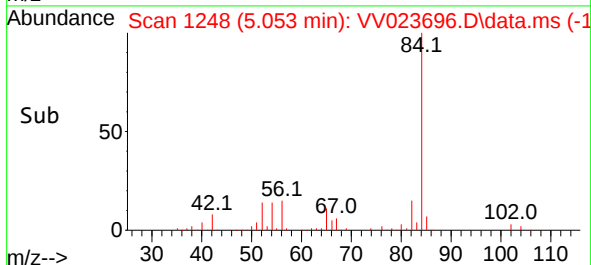
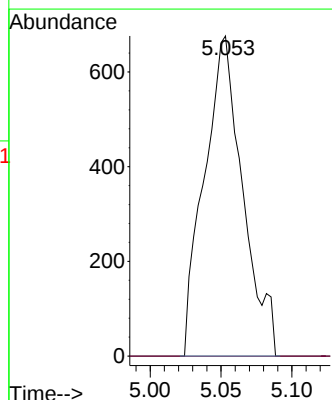
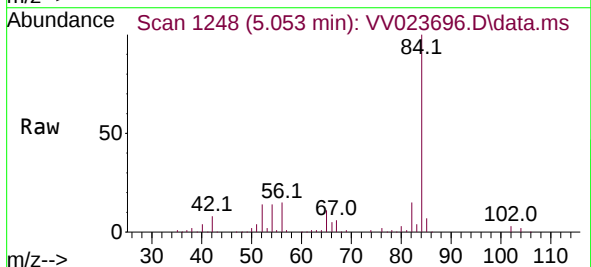
Instrument :
 MSVOA_V
 ClientSampleId :

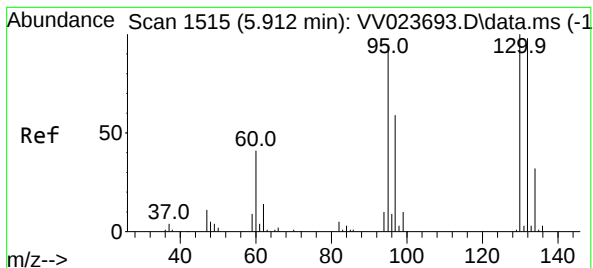
Tgt Ion: 96 Resp: 101485
 Ion Ratio Lower Upper
 96 100
 61 116.9 83.4 154.8
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.121 ug/L
 RT: 5.053 min Scan# 1248
 Delta R.T. -0.077 min
 Lab File: VV023696.D
 Acq: 24 Nov 2021 13:30

Tgt Ion: 62 Resp: 1277
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.1 12.1#





#34

Trichloroethene

Concen: 1.796 ug/L

RT: 5.918 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV023696.D

Acq: 24 Nov 2021 13:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 18420

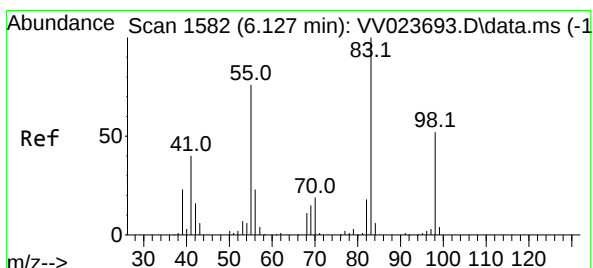
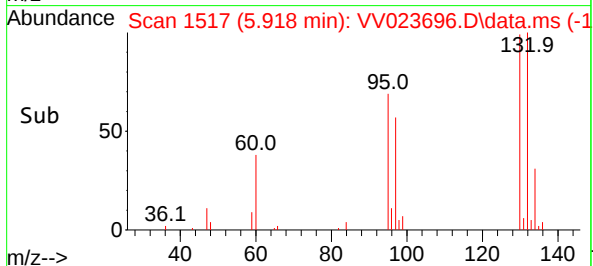
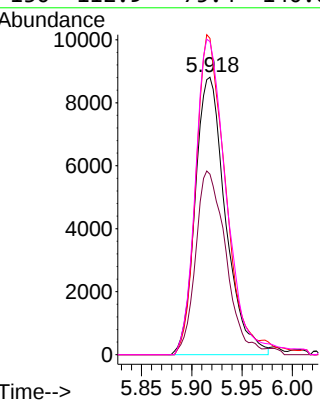
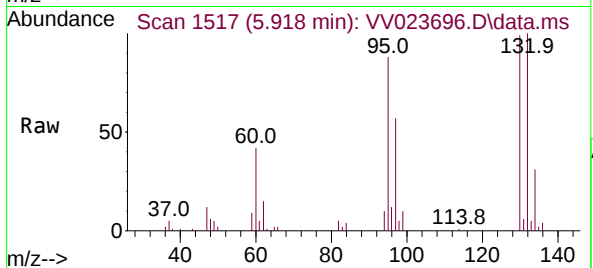
Ion Ratio Lower Upper

95 100

97 65.0 45.2 84.0

132 114.0 76.1 141.3

130 112.9 75.4 140.0



#35

Methylcyclohexane

Concen: 0.790 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV023696.D

Acq: 24 Nov 2021 13:30

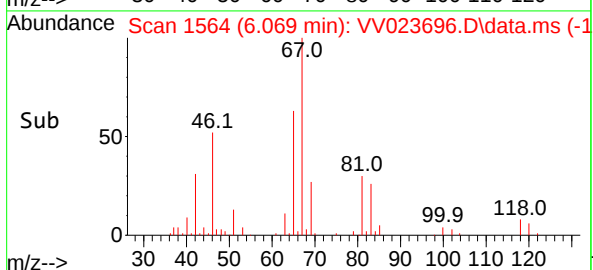
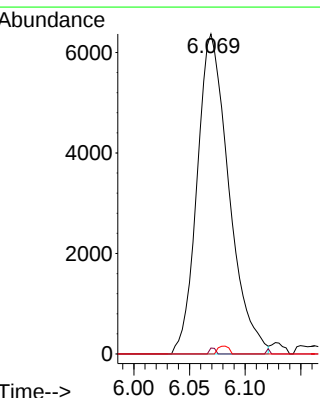
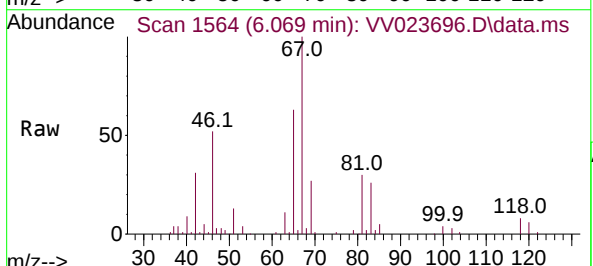
Tgt Ion: 83 Resp: 12624

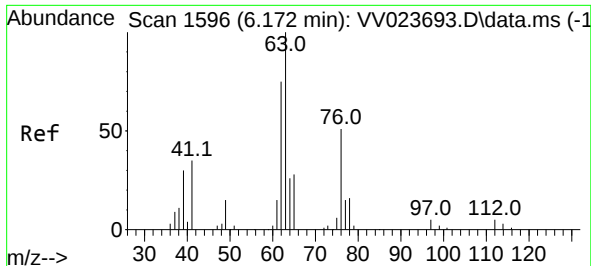
Ion Ratio Lower Upper

83 100

55 0.4 60.2 90.2#

98 0.8 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.627 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV023696.D

Acq: 24 Nov 2021 13:30

Instrument :

MSVOA_V

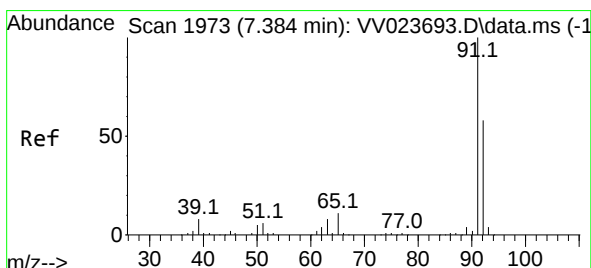
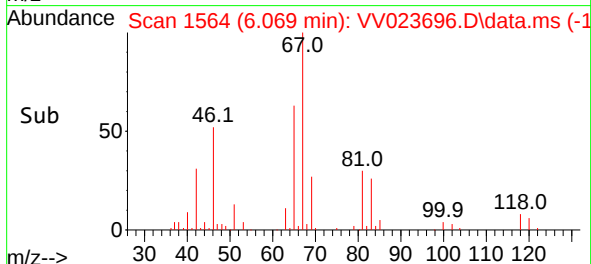
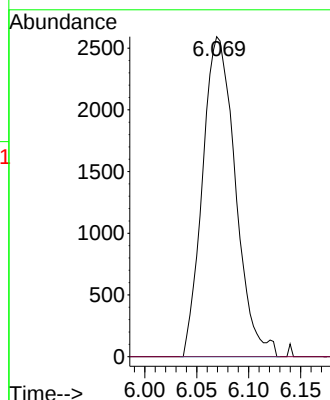
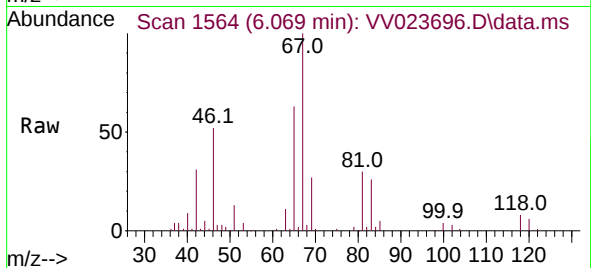
ClientSampleId :

Tgt Ion: 63 Resp: 5708

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#42

Toluene

Concen: 0.061 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.013 min

Lab File: VV023696.D

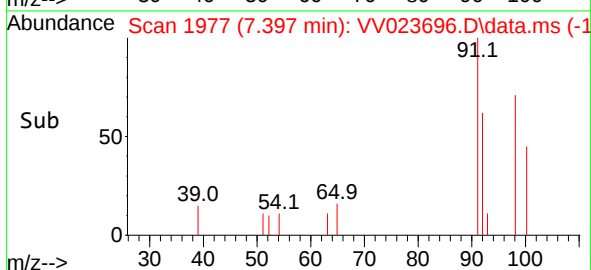
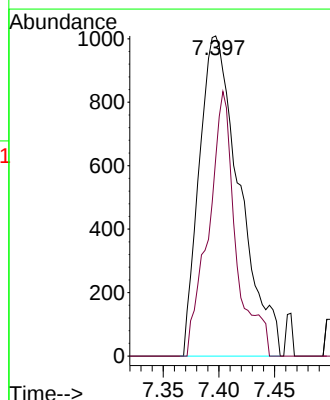
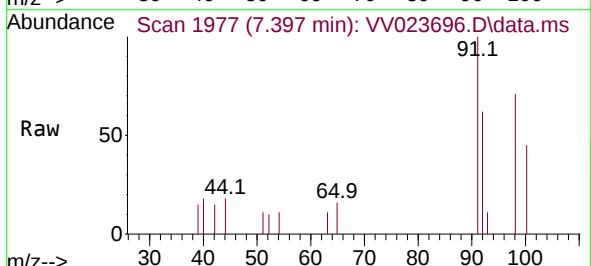
Acq: 24 Nov 2021 13:30

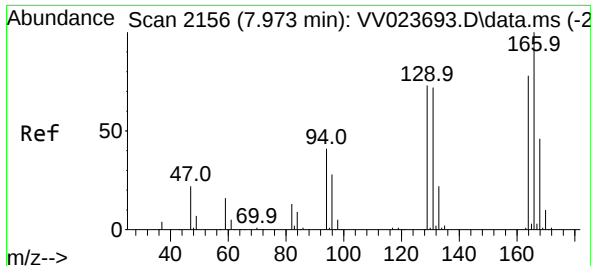
Tgt Ion: 91 Resp: 2545

Ion Ratio Lower Upper

91 100

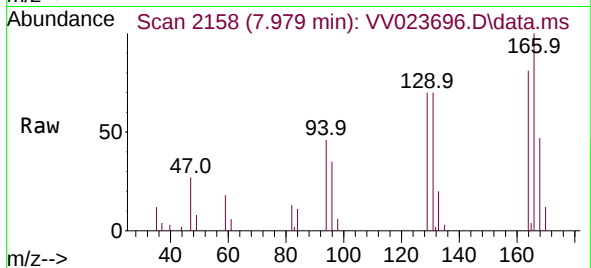
92 61.7 41.5 77.1



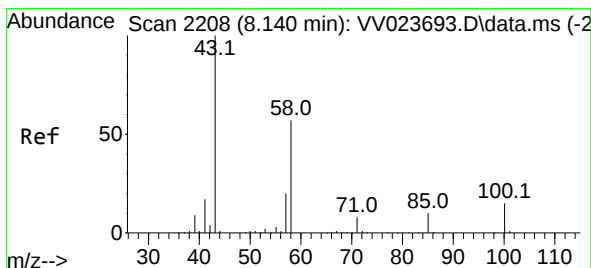
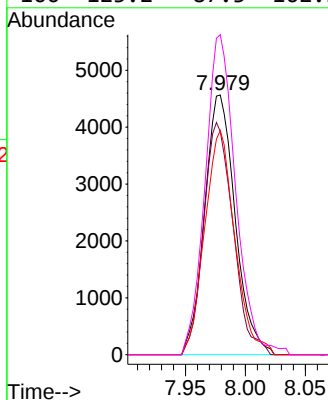
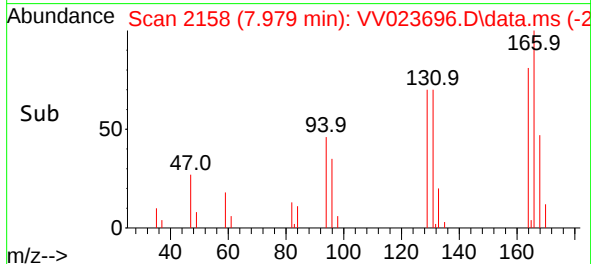


#47
Tetrachloroethene
Concen: 0.869 ug/L
RT: 7.979 min Scan# 2156
Delta R.T. 0.007 min
Lab File: VV023696.D
Acq: 24 Nov 2021 13:30

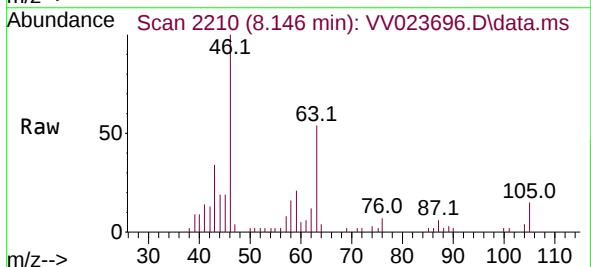
Instrument :
MSVOA_V
ClientSampleId :



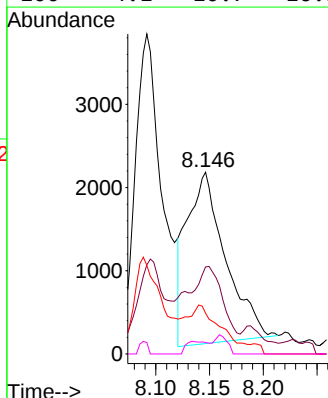
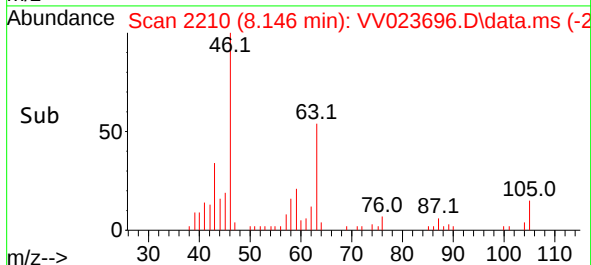
Tgt Ion:164 Resp: 8112
Ion Ratio Lower Upper
164 100
129 86.0 62.6 116.2
131 86.3 61.0 113.4
166 123.2 87.3 162.1

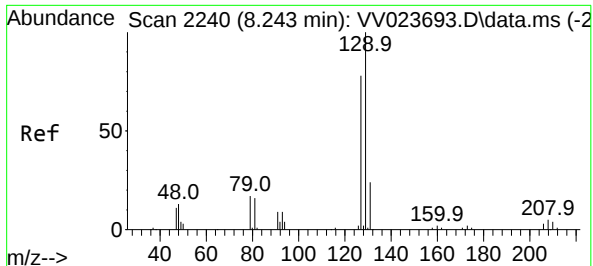


#48
2-Hexanone
Concen: 1.605 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.007 min
Lab File: VV023696.D
Acq: 24 Nov 2021 13:30



Tgt Ion: 43 Resp: 5152
Ion Ratio Lower Upper
43 100
58 32.5 44.5 66.7#
57 15.7 15.1 22.7
100 4.1 10.7 16.1#





#49

Dibromochloromethane

Concen: 0.804 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV023696.D

Acq: 24 Nov 2021 13:30

Instrument :

MSVOA_V

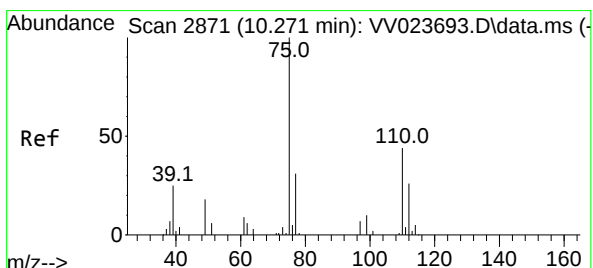
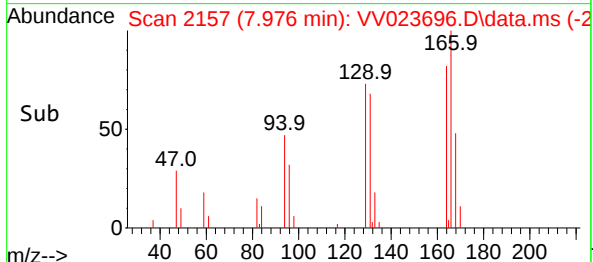
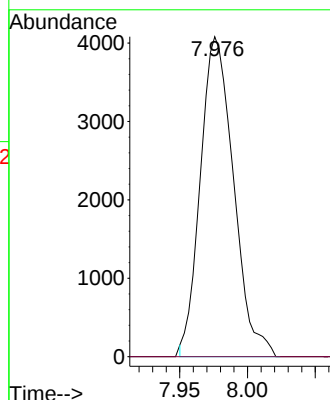
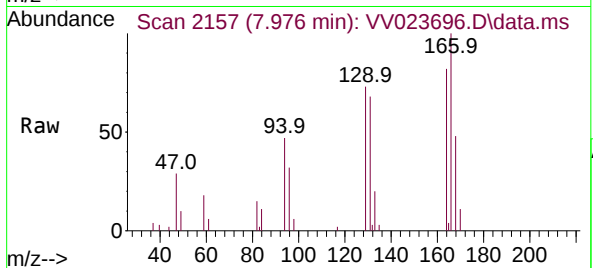
ClientSampleId :

Tgt Ion:129 Resp: 6944

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 1.439 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV023696.D

Acq: 24 Nov 2021 13:30

Tgt Ion: 75 Resp: 6585

Ion Ratio Lower Upper

75 100

77 34.9 26.4 39.6

110 2.4 34.2 51.2#

