

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111821\
 Data File : VW023604.D
 Acq On : 18 Nov 2021 15:12
 Operator : SY/MD
 Sample : M4627-17DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 19 02:13:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 02:11:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	115343	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	115972	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52646	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	37952	5.252	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.000%
7) Chloroethane-d5	1.568	69	29834	5.066	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.108	63	52448	3.877	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	3.899	46	47654	38.280	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.560%
24) Chloroform-d	4.352	84	69862	4.537	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.034	65	32560	4.702	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.053	84	131666	4.425	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.069	67	39676	4.530	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.317	98	115930	4.158	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	7.625	79	14238	4.287	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.091	63	50998	41.732	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.460%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26669	4.234	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	43610	4.975	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	4567	0.478	ug/L #	74
12) 1,1-Dichloroethene	2.114	96	702	0.102	ug/L #	1
16) Methylene chloride	2.506	84	8730	0.870	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	19630	1.296	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	2264	0.268	ug/L	88
19) 1,1-Dichloroethane	3.188	63	1321	0.093	ug/L #	75
22) cis-1,2-Dichloroethene	3.912	96	47756	5.869	ug/L #	93
27) 1,2-Dichloroethane	5.053	62	934	0.115	ug/L #	72
34) Trichloroethene	5.915	95	75843	8.799	ug/L	97
35) Methylcyclohexane	6.072	83	9921	0.729	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	4513	0.596	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1083	0.100	ug/L #	68
47) Tetrachloroethene	7.979	164	2311	0.309	ug/L	85
48) 2-Hexanone	8.095	43	5795	2.356	ug/L #	73
49) Dibromochloromethane	7.979	129	2056	0.298	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5630	1.610	ug/L #	65

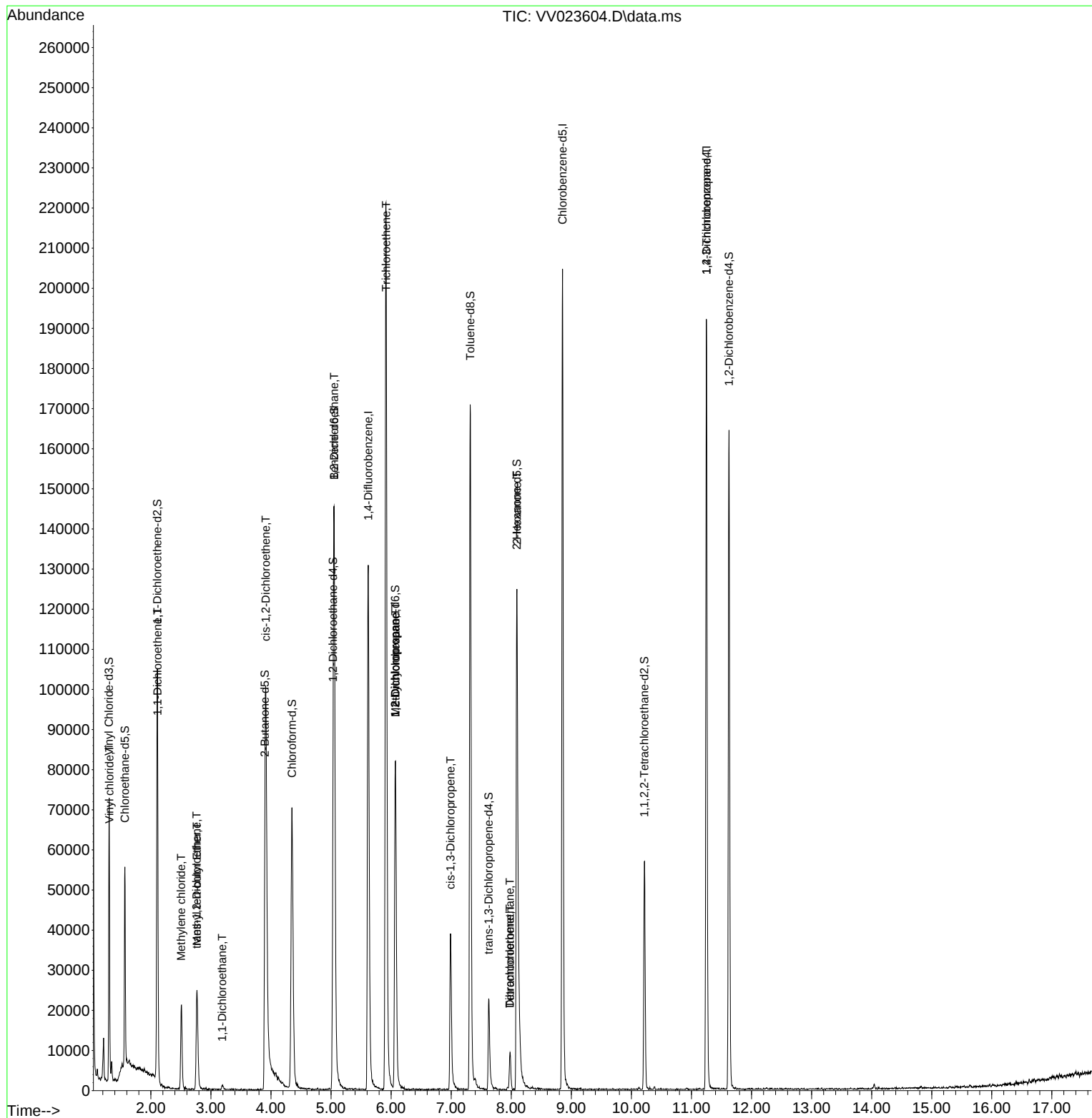
(#) = qualifier out of range (m) = manual integration (+) = signals summed

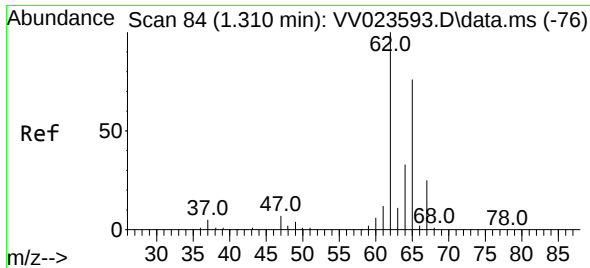
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111821\
Data File : VV023604.D
Acq On : 18 Nov 2021 15:12
Operator : SY/MD
Sample : M4627-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 19 02:13:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 19 02:11:08 2021
Response via : Initial Calibration

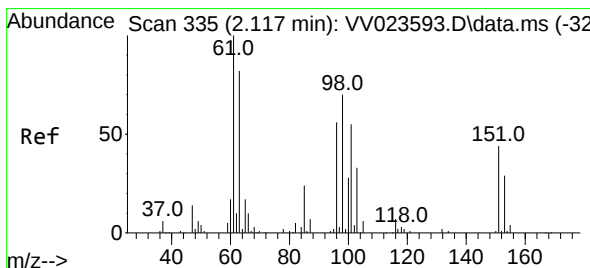
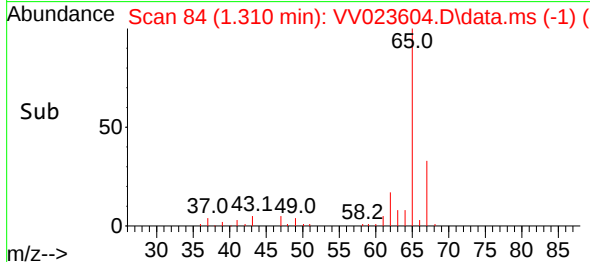
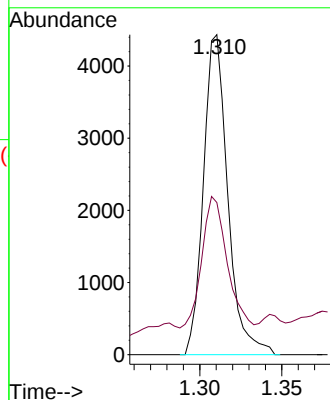
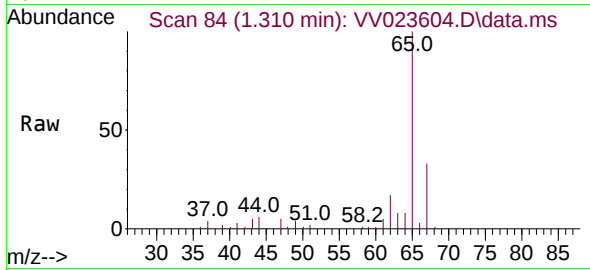




#5
 Vinyl chloride
 Concen: 0.478 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023604.D
 Acq: 18 Nov 2021 15:12

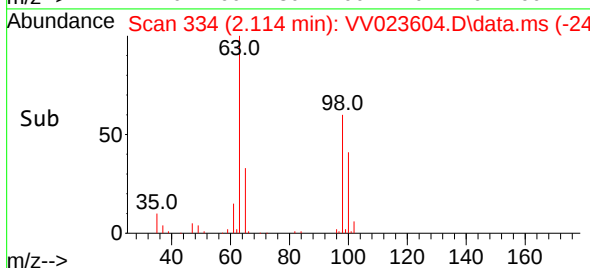
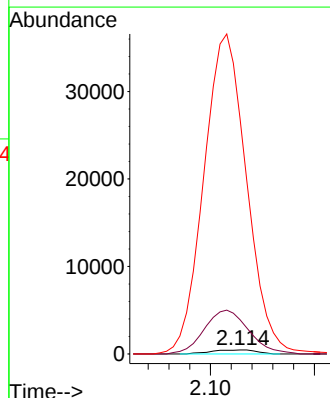
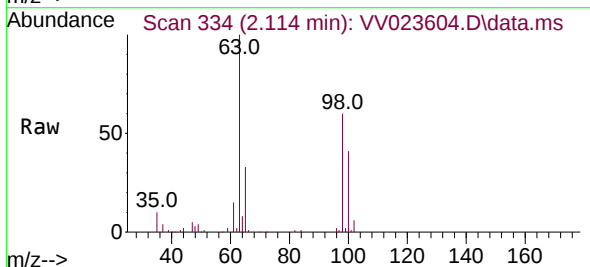
Instrument :
 MSVOA_V
 ClientSampleId :

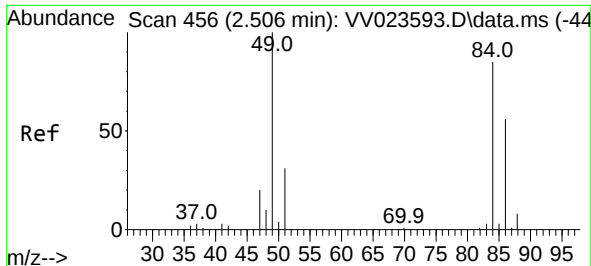
Tgt Ion: 62 Resp: 4567
 Ion Ratio Lower Upper
 62 100
 64 47.6 23.1 42.9#



#12
 1,1-Dichloroethene
 Concen: 0.102 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV023604.D
 Acq: 18 Nov 2021 15:12

Tgt Ion: 96 Resp: 702
 Ion Ratio Lower Upper
 96 100
 61 847.4 121.5 225.7#
 63 5828.6 99.6 185.0#

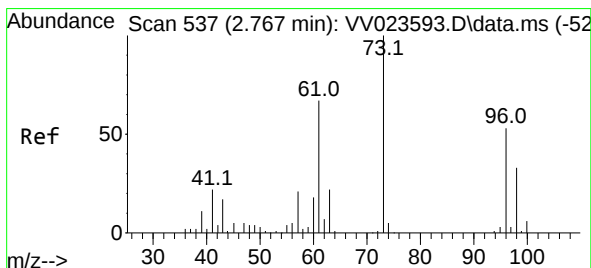
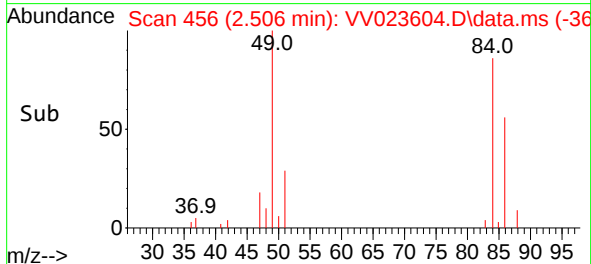
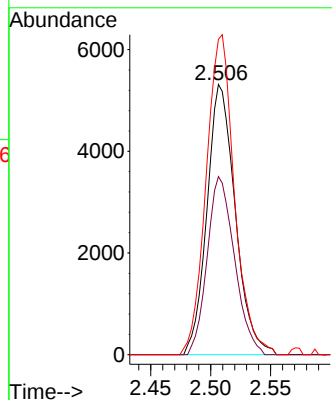
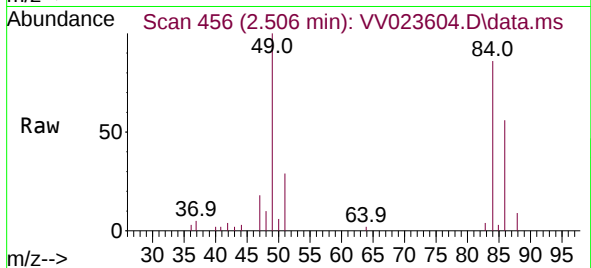




#16
Methylene chloride
Concen: 0.870 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV023604.D
Acq: 18 Nov 2021 15:12

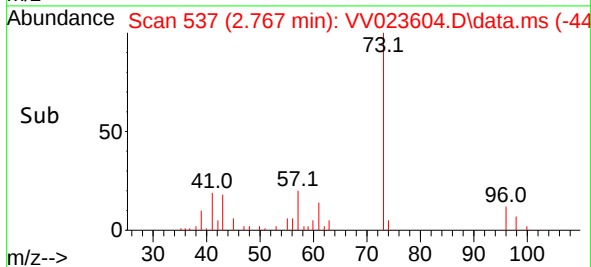
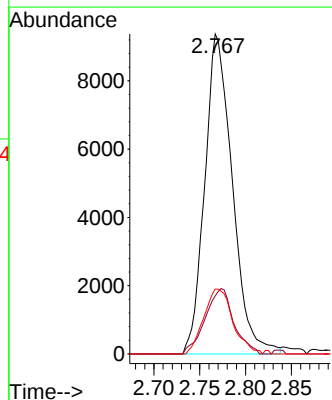
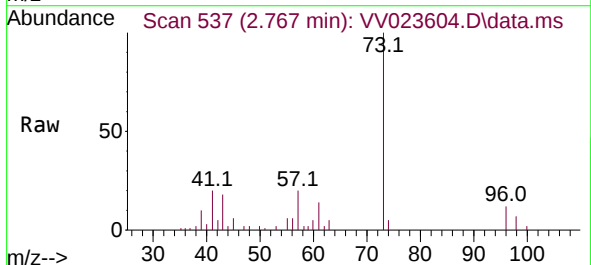
Instrument :
MSVOA_V
ClientSampleId :

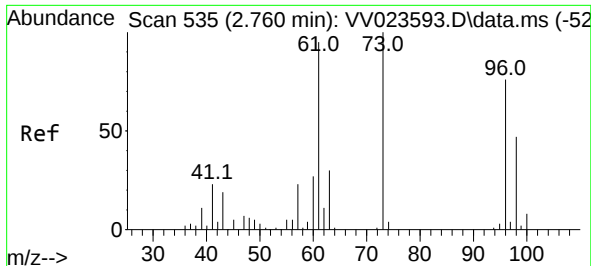
Tgt Ion: 84 Resp: 8730
Ion Ratio Lower Upper
84 100
86 65.9 42.3 78.5
49 116.7 79.7 148.1



#17
Methyl tert-butyl Ether
Concen: 1.296 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV023604.D
Acq: 18 Nov 2021 15:12

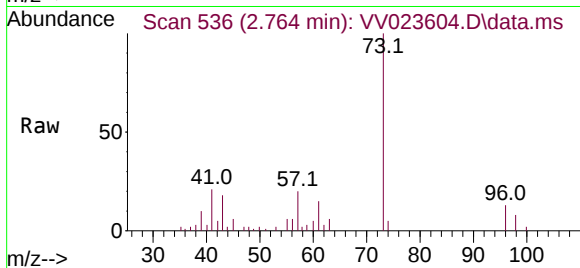
Tgt Ion: 73 Resp: 19630
Ion Ratio Lower Upper
73 100
43 21.1 17.4 26.0
57 21.3 16.5 24.7





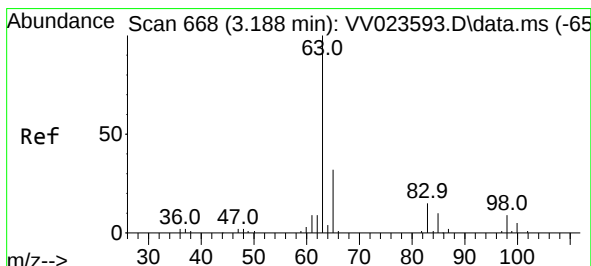
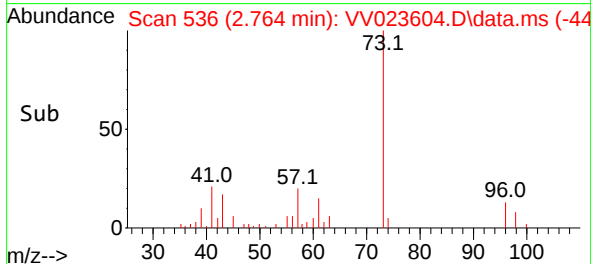
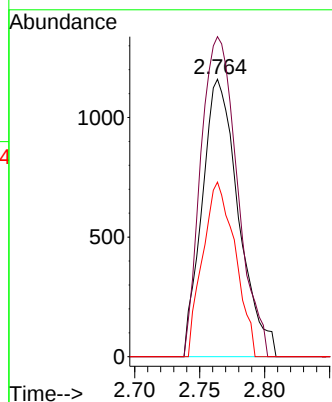
#18
trans-1,2-Dichloroethene
Concen: 0.268 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023604.D
Acq: 18 Nov 2021 15:12

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 2264

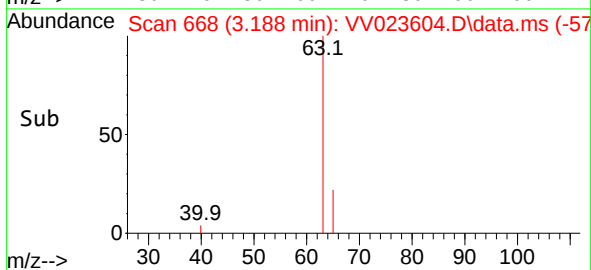
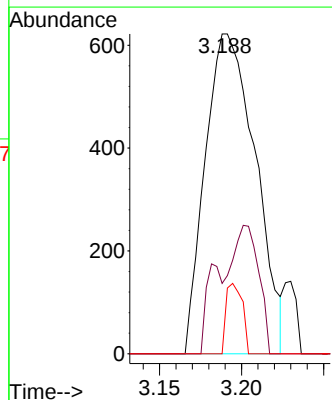
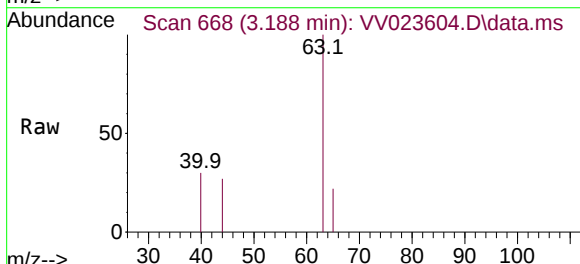
Ion	Ratio	Lower	Upper
96	100		
61	115.3	93.2	173.2
98	62.9	47.0	87.2

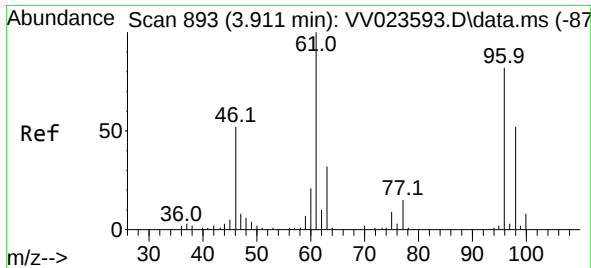


#19
1,1-Dichloroethane
Concen: 0.093 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.000 min
Lab File: VV023604.D
Acq: 18 Nov 2021 15:12

Tgt Ion: 63 Resp: 1321

Ion	Ratio	Lower	Upper
63	100		
65	22.0	22.6	42.0#
83	0.0	11.1	20.7#

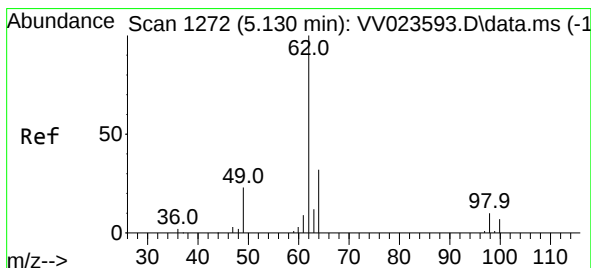
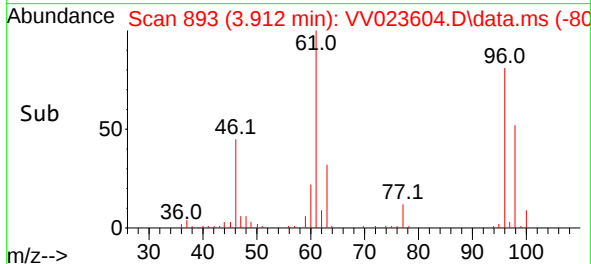
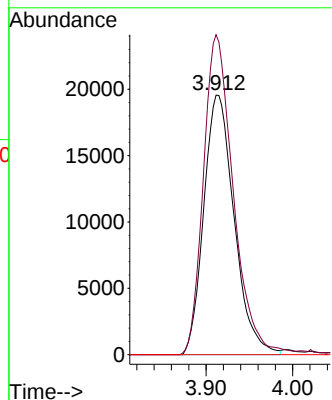
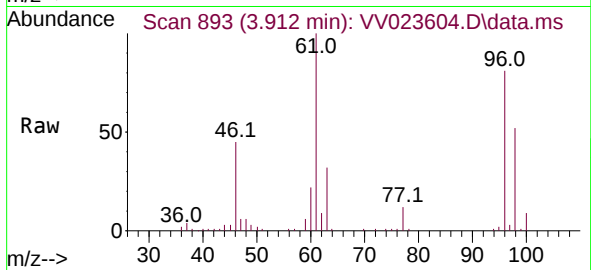




#22
 cis-1,2-Dichloroethene
 Concen: 5.869 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.000 min
 Lab File: VV023604.D
 Acq: 18 Nov 2021 15:12

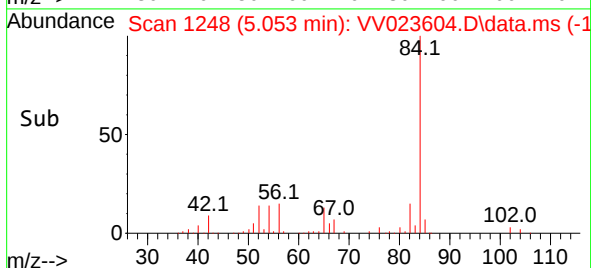
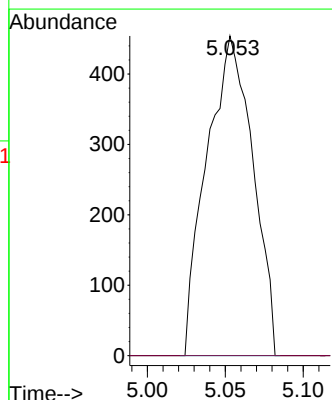
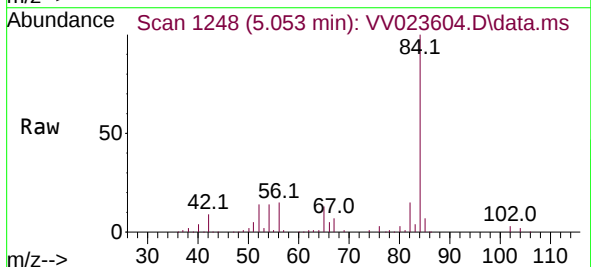
Instrument :
 MSVOA_V
 ClientSampleId :

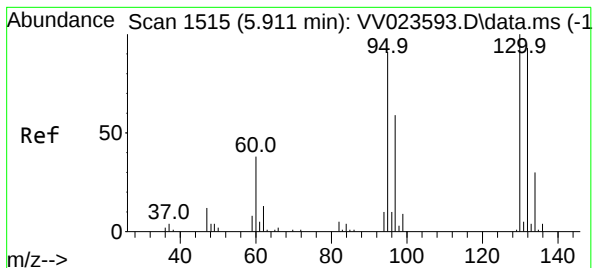
Tgt Ion: 96 Resp: 47756
 Ion Ratio Lower Upper
 96 100
 61 123.3 92.3 171.3
 68 0.0 0.4 0.8#



#27
 1,2-Dichloroethane
 Concen: 0.115 ug/L
 RT: 5.053 min Scan# 1248
 Delta R.T. -0.077 min
 Lab File: VV023604.D
 Acq: 18 Nov 2021 15:12

Tgt Ion: 62 Resp: 934
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.4#





#34

Trichloroethene

Concen: 8.799 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV023604.D

Acq: 18 Nov 2021 15:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 75843

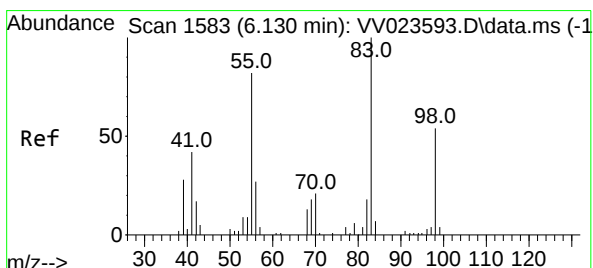
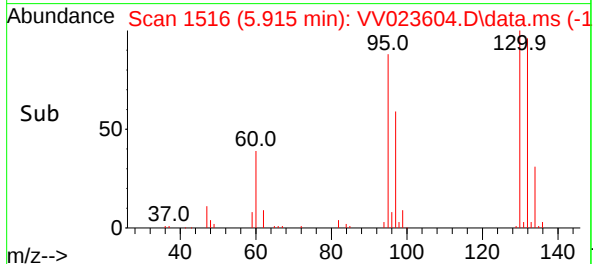
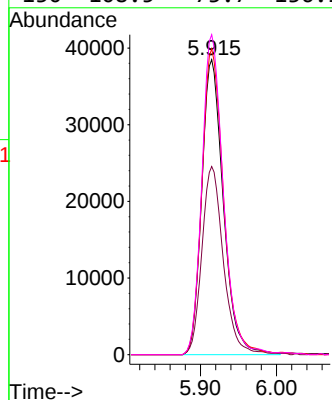
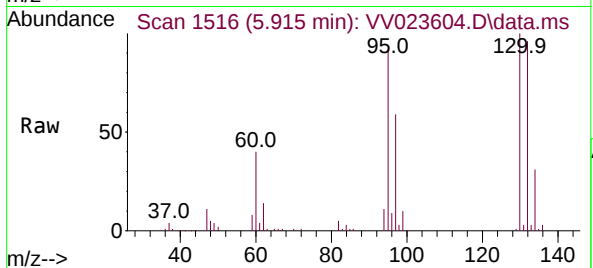
Ion Ratio Lower Upper

95 100

97 63.8 45.0 83.6

132 103.7 69.7 129.4

130 108.5 73.7 136.9



#35

Methylcyclohexane

Concen: 0.729 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV023604.D

Acq: 18 Nov 2021 15:12

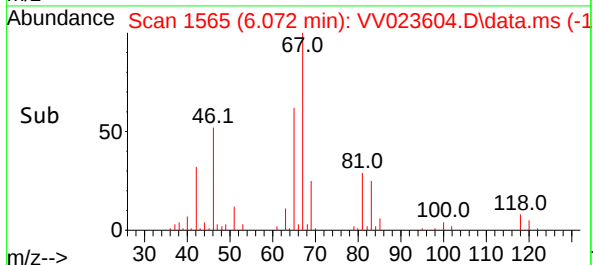
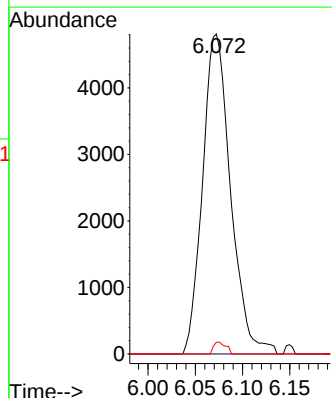
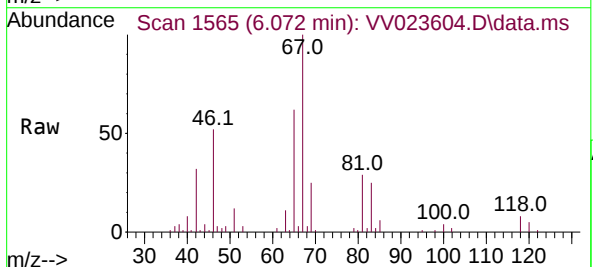
Tgt Ion: 83 Resp: 9921

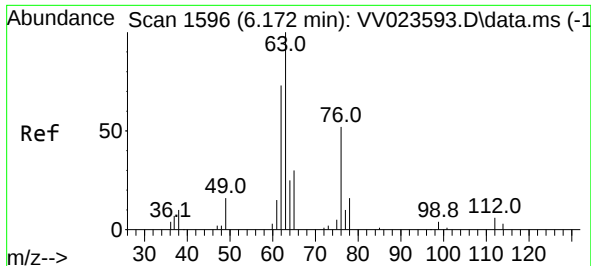
Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 1.6 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.596 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV023604.D

Acq: 18 Nov 2021 15:12

Instrument :

MSVOA_V

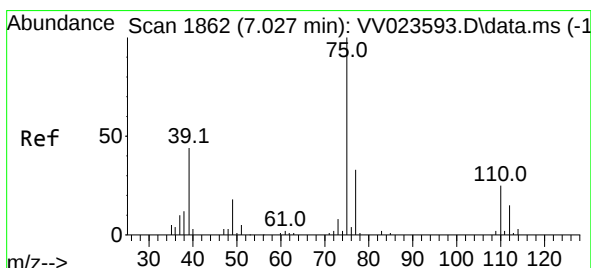
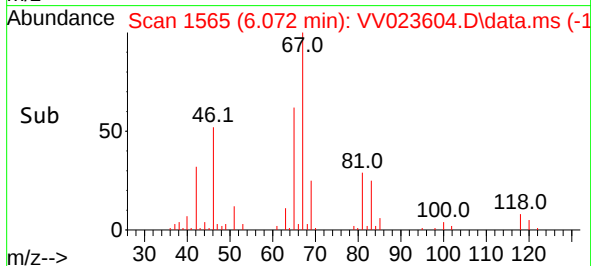
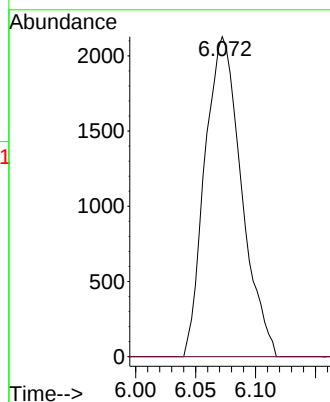
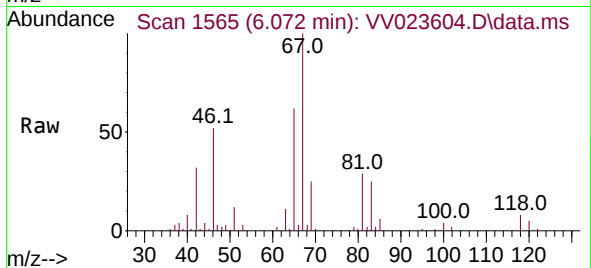
ClientSampleId :

Tgt Ion: 63 Resp: 4513

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.038 min

Lab File: VV023604.D

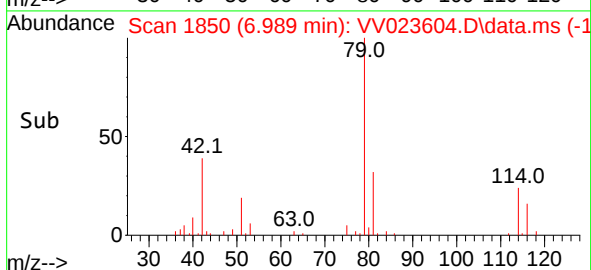
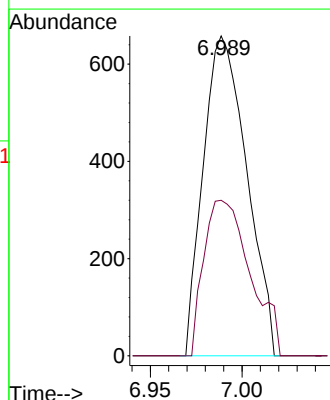
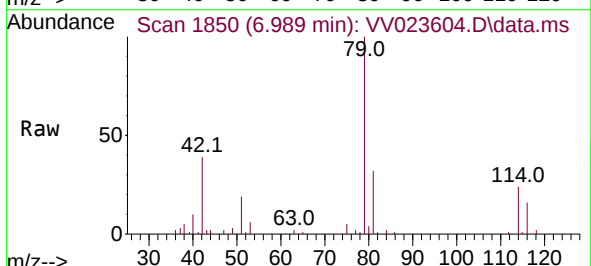
Acq: 18 Nov 2021 15:12

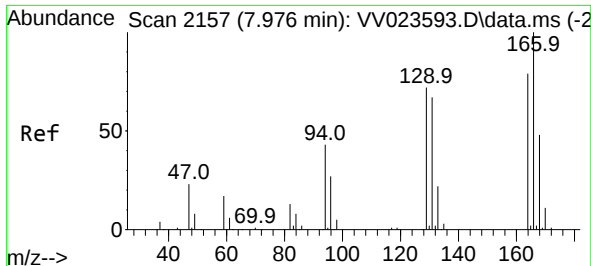
Tgt Ion: 75 Resp: 1083

Ion Ratio Lower Upper

75 100

77 48.6 21.6 40.2#





#47

Tetrachloroethene

Concen: 0.309 ug/L

RT: 7.979 min Scan# 2157

Delta R.T. 0.003 min

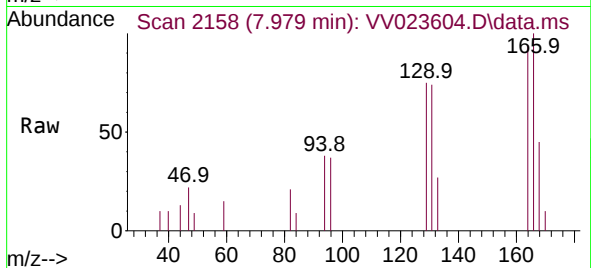
Lab File: VV023604.D

Acq: 18 Nov 2021 15:12

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 2311

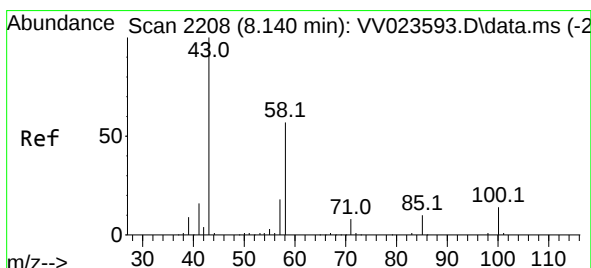
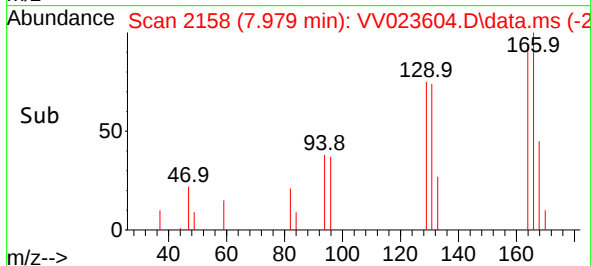
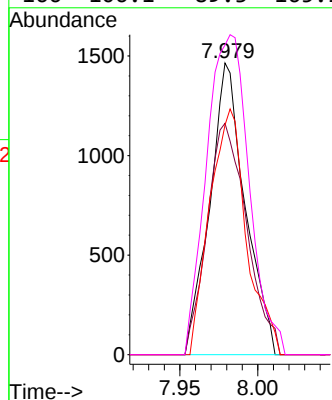
Ion Ratio Lower Upper

164 100

129 79.3 64.0 119.0

131 78.7 63.4 117.8

166 106.1 89.3 165.9



#48

2-Hexanone

Concen: 2.356 ug/L

RT: 8.095 min Scan# 2194

Delta R.T. -0.045 min

Lab File: VV023604.D

Acq: 18 Nov 2021 15:12

Tgt Ion: 43 Resp: 5795

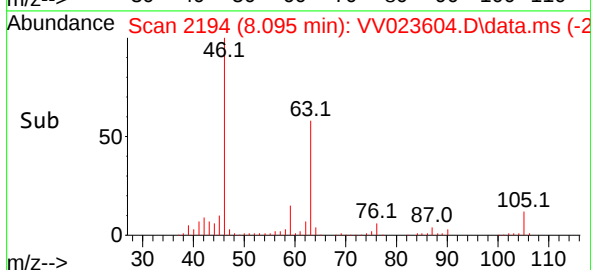
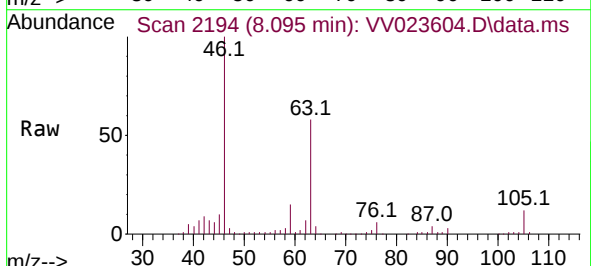
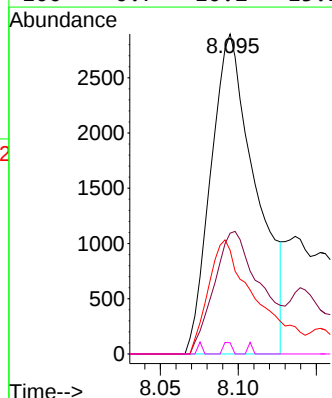
Ion Ratio Lower Upper

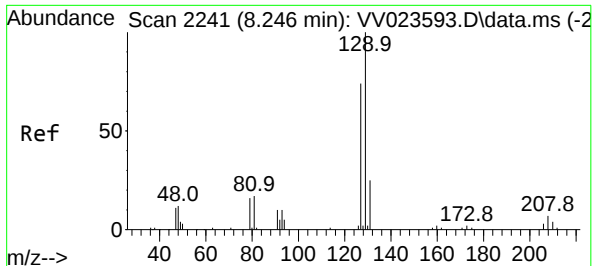
43 100

58 40.8 43.7 65.5#

57 38.4 14.1 21.1#

100 0.7 10.2 15.2#





#49

Dibromochloromethane

Concen: 0.298 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV023604.D

Acq: 18 Nov 2021 15:12

Instrument :

MSVOA_V

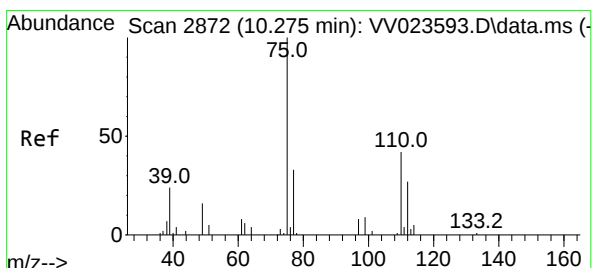
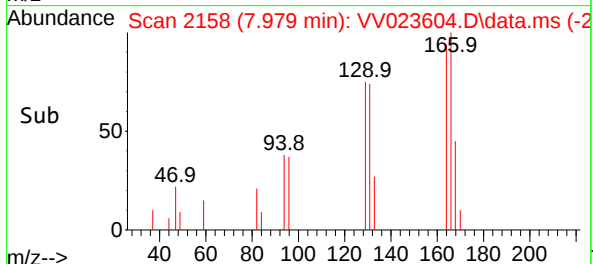
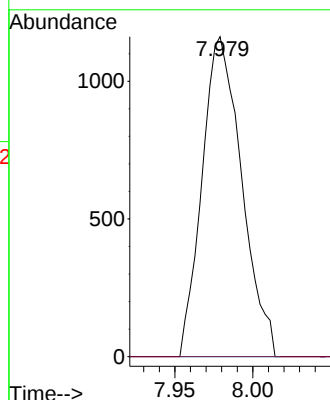
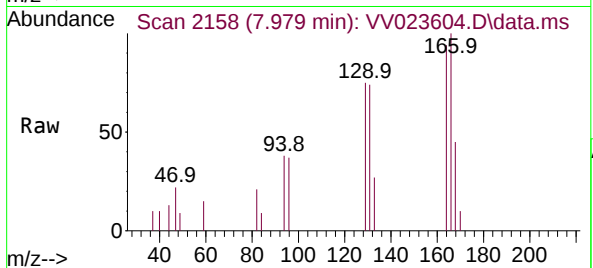
ClientSampleId :

Tgt Ion:129 Resp: 2056

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 1.610 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV023604.D

Acq: 18 Nov 2021 15:12

Tgt Ion: 75 Resp: 5630

Ion Ratio Lower Upper

75 100

77 36.4 26.6 39.8

110 3.5 31.8 47.6#

