

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081222\
 Data File : VW027319.D
 Acq On : 12 Aug 2022 09:45
 Operator : SY/MD
 Sample : N4162-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 13 01:35:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 08:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	157989	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	165988	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67387	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	69406	5.056	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.200%	
7) Chloroethane-d5	1.561	69	42885	4.302	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.000%	
11) 1,1-Dichloroethene-d2	2.102	63	91717	3.684	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.600%	
20) 2-Butanone-d5	3.883	46	121932	52.453	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.900%	
24) Chloroform-d	4.343	84	123354	4.900	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.000%	
26) 1,2-Dichloroethane-d4	5.027	65	60092	5.011	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.200%	
32) Benzene-d6	5.047	84	231325	4.724	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.400%	
36) 1,2-Dichloropropane-d6	6.066	67	76713	5.067	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.400%	
41) Toluene-d8	7.314	98	191915	4.281	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.600%	
43) trans-1,3-Dichloroprop...	7.622	79	21077	4.019	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.400%	
46) 2-Hexanone-d5	8.088	63	79095	38.973	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	77.940%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	47390	4.327	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	61231	5.264	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.200%	
Target Compounds						Qvalue
3) Chloromethane	1.237	50	928	0.049	ug/L	90
6) Bromomethane	1.520	94	356	0.044	ug/L	75
12) 1,1-Dichloroethene	2.105	96	1480	0.130	ug/L #	1
13) Acetone	2.172	43	8897	5.179	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	10048	0.718	ug/L	94
19) 1,1-Dichloroethane	3.185	63	11633	0.434	ug/L #	91
22) cis-1,2-Dichloroethene	3.905	96	141188	10.260	ug/L	99
25) Chloroform	4.368	83	3816	0.139	ug/L	90
29) 1,1,1-Trichloroethane	4.603	97	37640	1.611	ug/L	99
31) Carbon tetrachloride	4.600	117	5018	0.247	ug/L	93
34) Trichloroethene	5.908	95	446030	31.585	ug/L	99
35) Methylcyclohexane	6.066	83	19285	0.992	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	8877	0.633	ug/L #	86
39) cis-1,3-Dichloropropene	6.986	75	1719	0.100	ug/L	89
49) Dibromochloromethane	7.986	129	371	0.032	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	8377	1.291	ug/L #	65

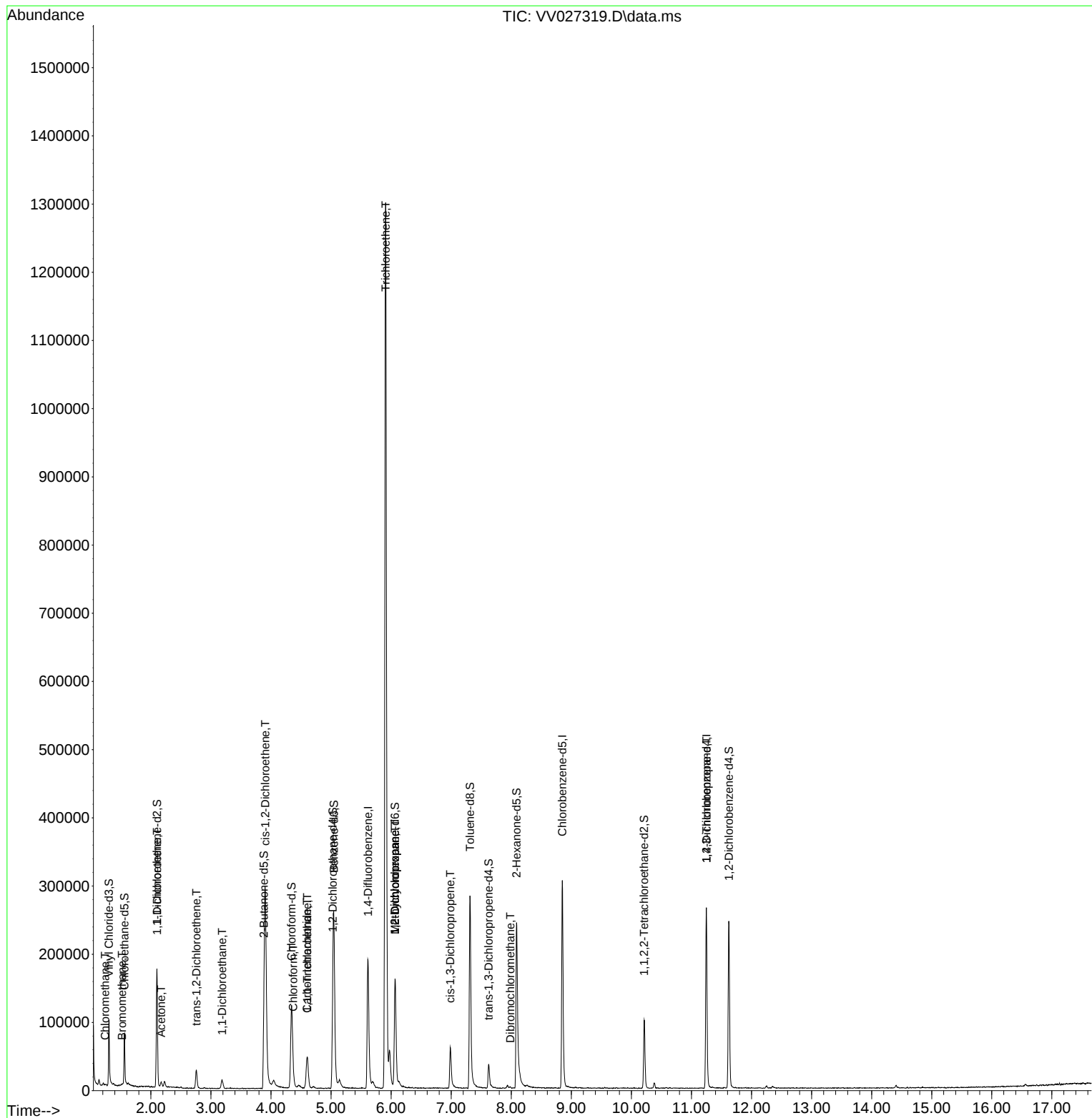
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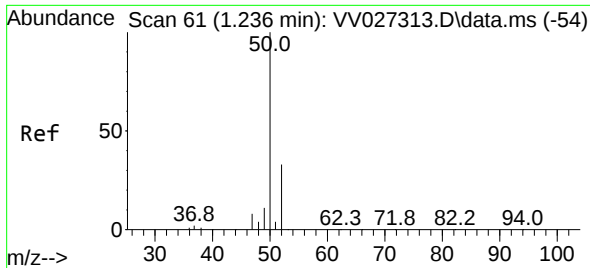
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081222\
Data File : VV027319.D
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Aug 12 08:00:46 2022
Response via : Initial Calibration

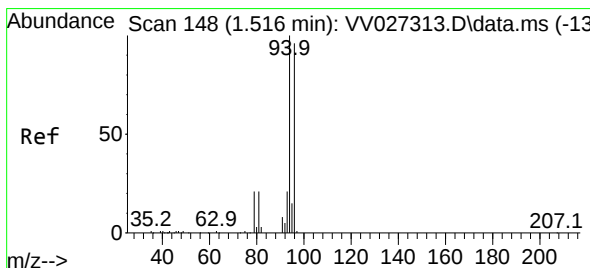
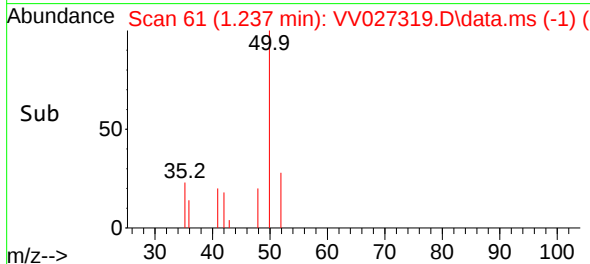
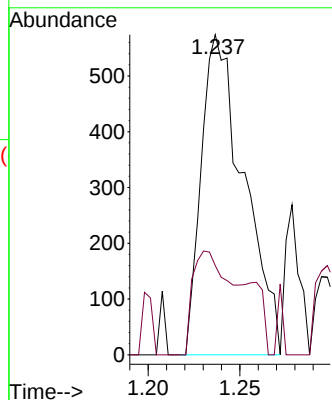
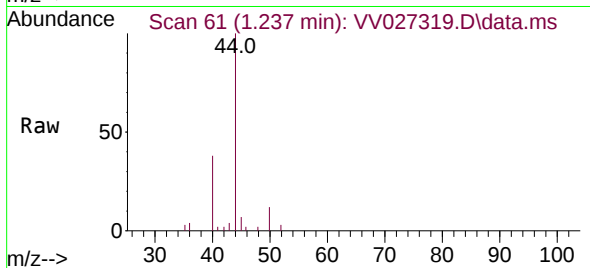




#3
Chloromethane
Concen: 0.049 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027319.D
Acq: 12 Aug 2022 09:45

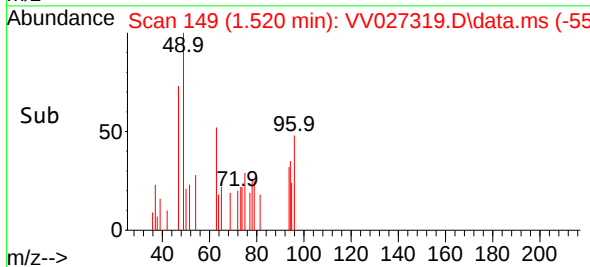
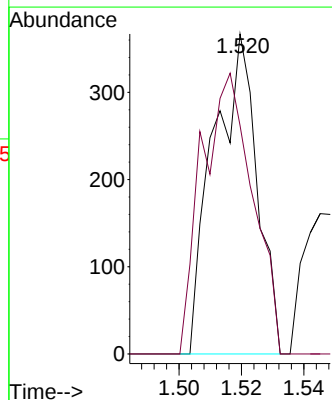
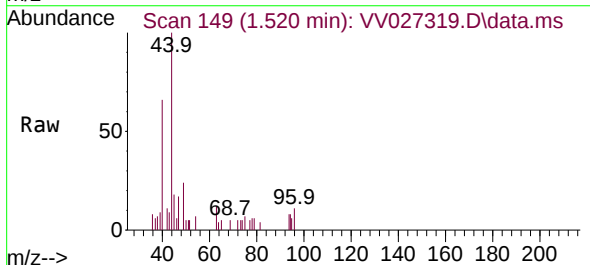
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MSVOA_V
ClientSampleId :

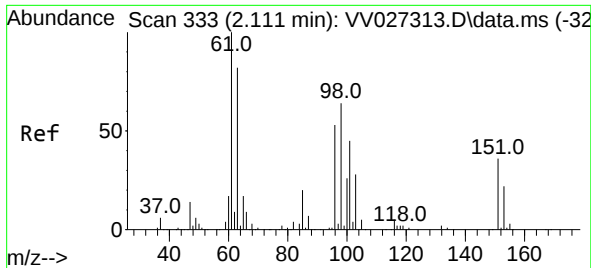
Tgt Ion: 50 Resp: 928
Ion Ratio Lower Upper
50 100
52 27.9 23.4 43.4



#6
Bromomethane
Concen: 0.044 ug/L
RT: 1.520 min Scan# 149
Delta R.T. 0.003 min
Lab File: VV027319.D
Acq: 12 Aug 2022 09:45

Tgt Ion: 94 Resp: 356
Ion Ratio Lower Upper
94 100
96 71.4 67.2 124.8

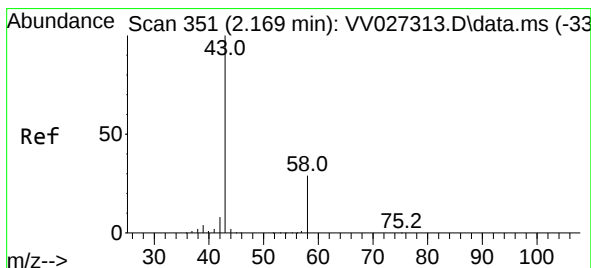
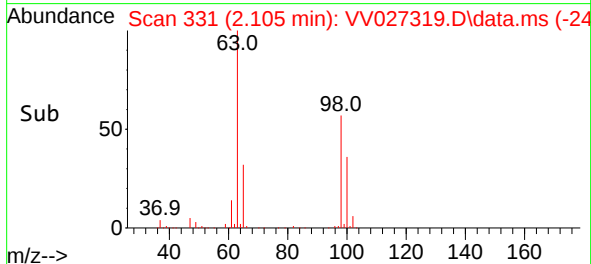
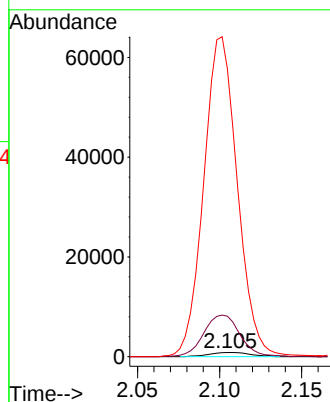
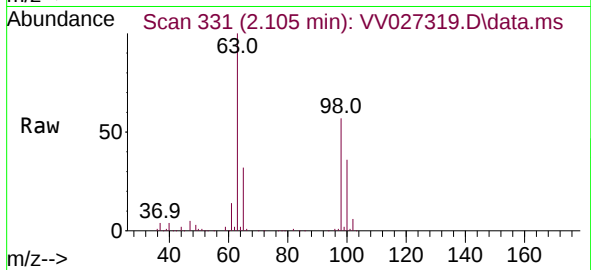




#12
1,1-Dichloroethene
Concen: 0.130 ug/L
RT: 2.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VV027319.D
Acq: 12 Aug 2022 09:45

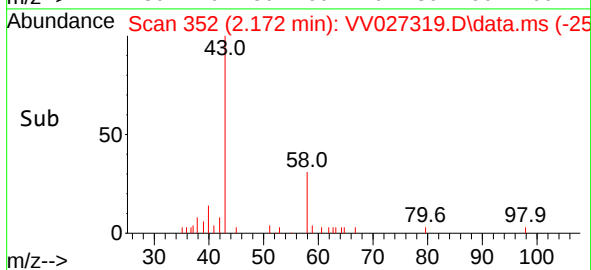
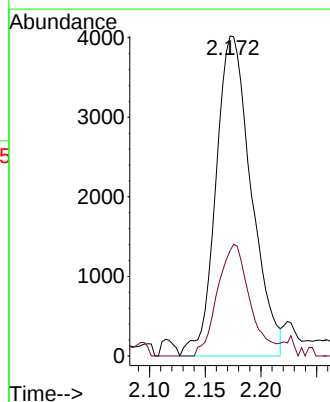
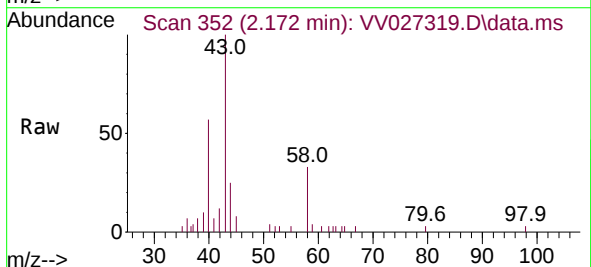
Instrument :
MSVOA_V
ClientSampleId :

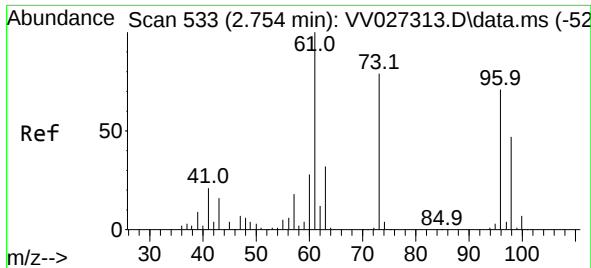
Tgt Ion: 96 Resp: 1480
Ion Ratio Lower Upper
96 100
61 965.0 130.7 242.7#
63 6870.5 101.4 188.2#



#13
Acetone
Concen: 5.179 ug/L
RT: 2.172 min Scan# 352
Delta R.T. 0.003 min
Lab File: VV027319.D
Acq: 12 Aug 2022 09:45

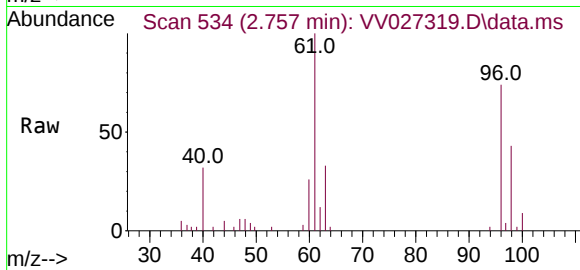
Tgt Ion: 43 Resp: 8897
Ion Ratio Lower Upper
43 100
58 31.9 0.0 63.2



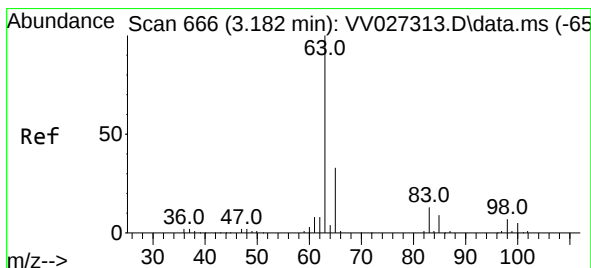
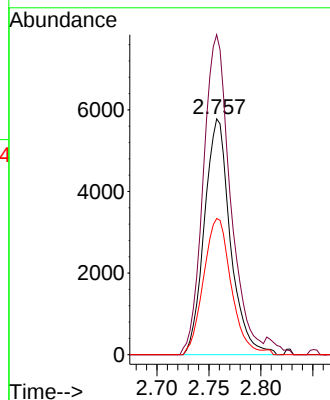
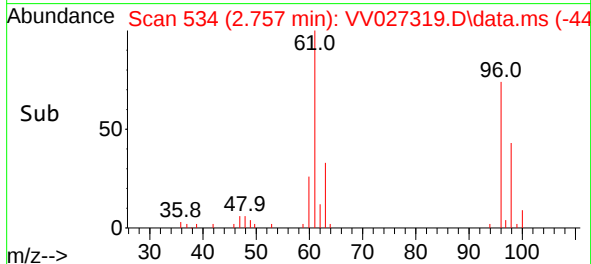


#18
trans-1,2-Dichloroethene
Concen: 0.718 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027319.D
Acq: 12 Aug 2022 09:45

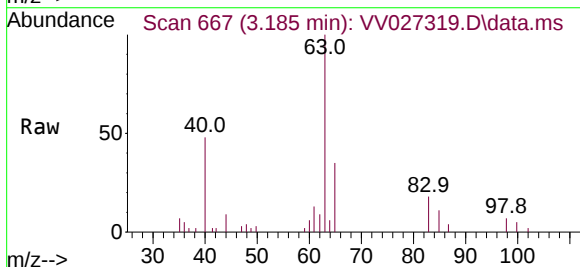
Instrument :
MSVOA_V
ClientSampleId :



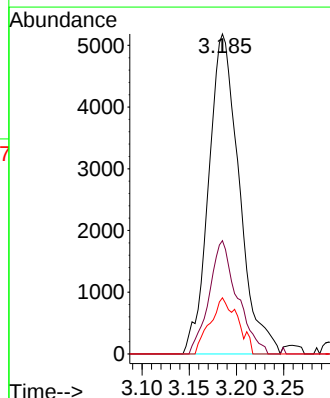
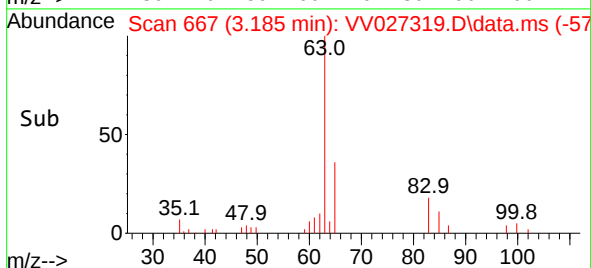
Tgt Ion: 96 Resp: 10048
Ion Ratio Lower Upper
96 100
61 135.7 99.6 185.0
98 57.7 45.1 83.7

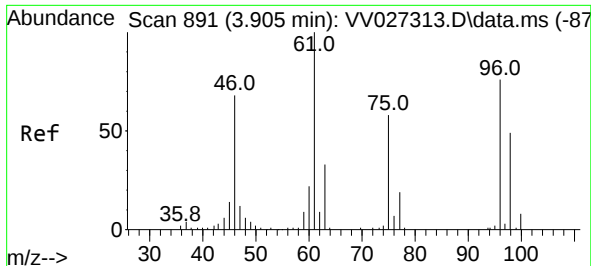


#19
1,1-Dichloroethane
Concen: 0.434 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.003 min
Lab File: VV027319.D
Acq: 12 Aug 2022 09:45



Tgt Ion: 63 Resp: 11633
Ion Ratio Lower Upper
63 100
65 35.4 21.6 40.2
83 17.5 9.3 17.3#

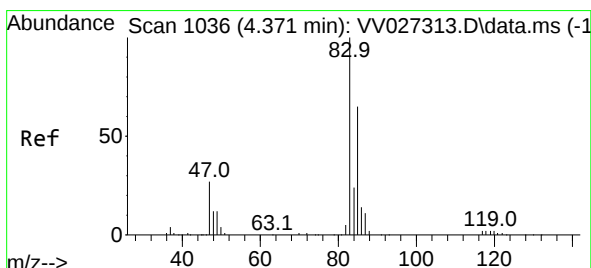
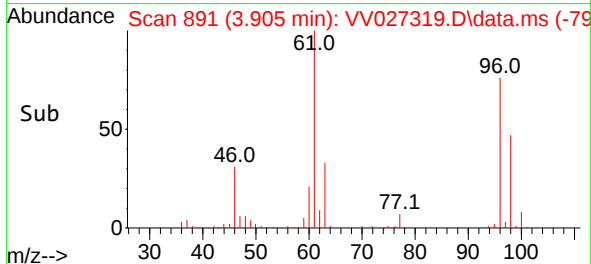
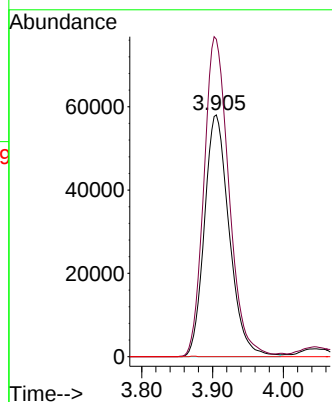
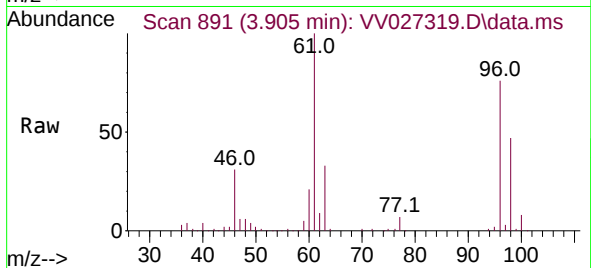




#22
 cis-1,2-Dichloroethene
 Concen: 10.260 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.000 min
 Lab File: VV027319.D
 Acq: 12 Aug 2022 09:45

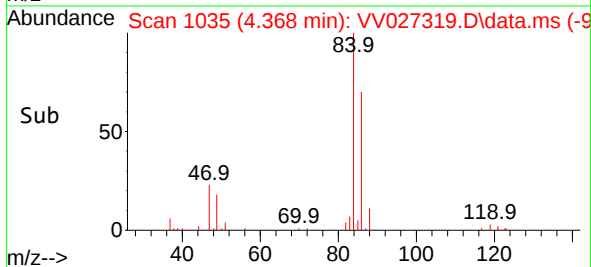
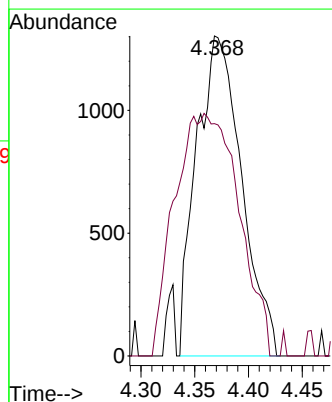
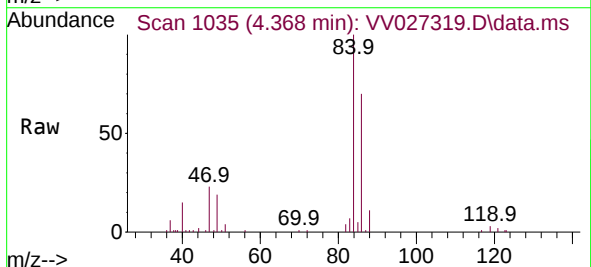
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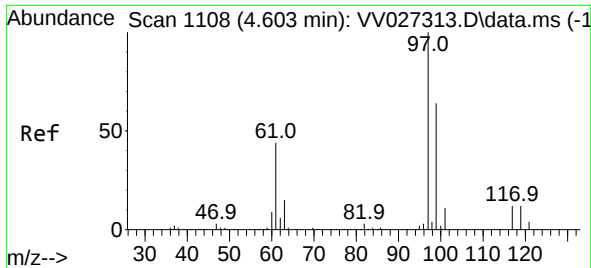
Tgt Ion: 96 Resp: 141188
 Ion Ratio Lower Upper
 96 100
 61 131.3 91.3 169.5
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.139 ug/L
 RT: 4.368 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VV027319.D
 Acq: 12 Aug 2022 09:45

Tgt Ion: 83 Resp: 3816
 Ion Ratio Lower Upper
 83 100
 85 72.6 45.2 84.0





#29

1,1,1-Trichloroethane

Concen: 1.611 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV027319.D

Acq: 12 Aug 2022 09:45

Instrument :

MSVOA_V

ClientSampleId :

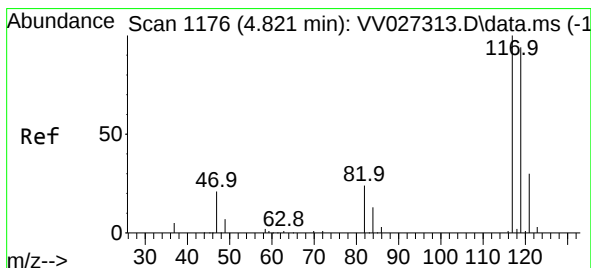
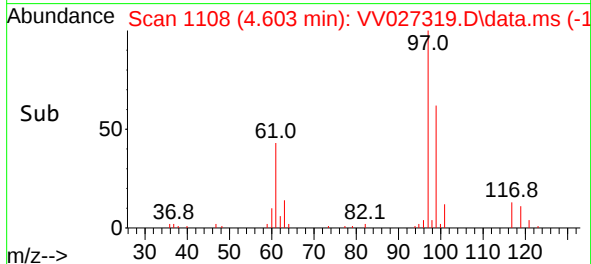
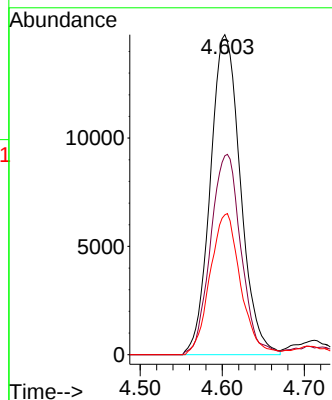
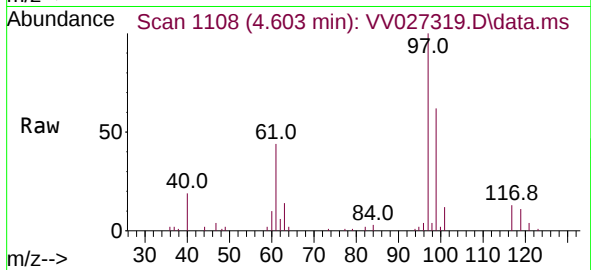
Tgt Ion: 97 Resp: 37640

Ion Ratio Lower Upper

97 100

99 63.2 50.8 76.2

61 44.7 36.5 54.7



#31

Carbon tetrachloride

Concen: 0.247 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.222 min

Lab File: VV027319.D

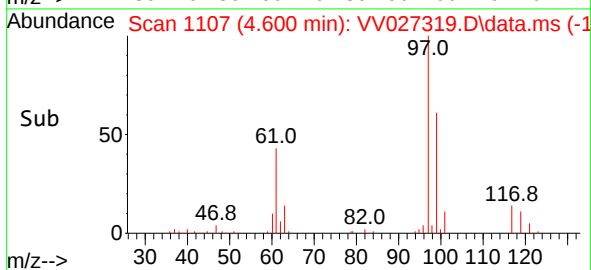
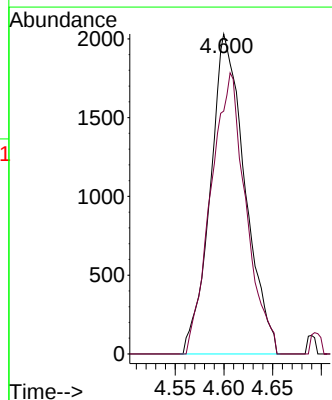
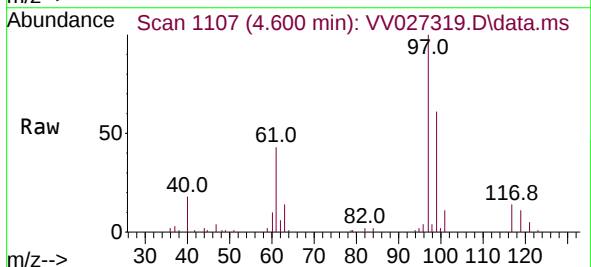
Acq: 12 Aug 2022 09:45

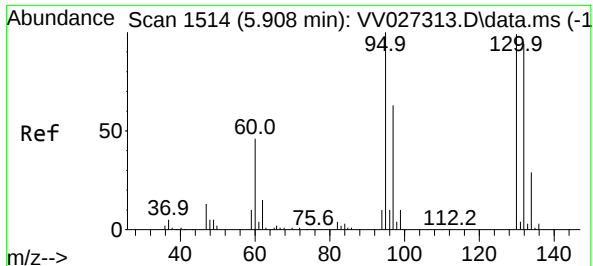
Tgt Ion: 117 Resp: 5018

Ion Ratio Lower Upper

117 100

119 89.0 76.6 115.0





#34

Trichloroethene

Concen: 31.585 ug/L

RT: 5.908 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV027319.D

Acq: 12 Aug 2022 09:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 446030

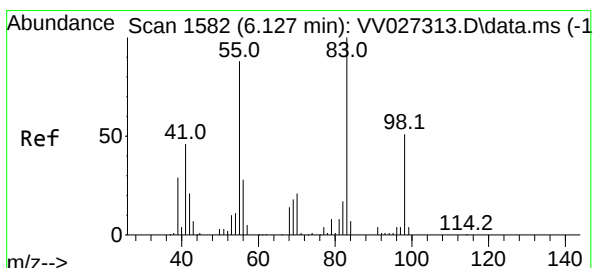
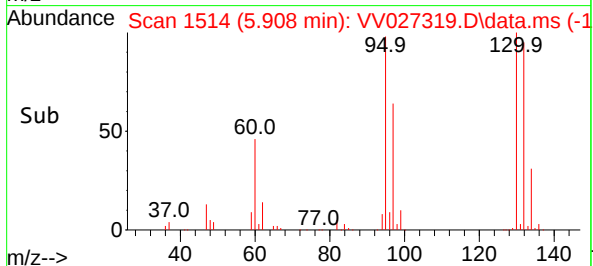
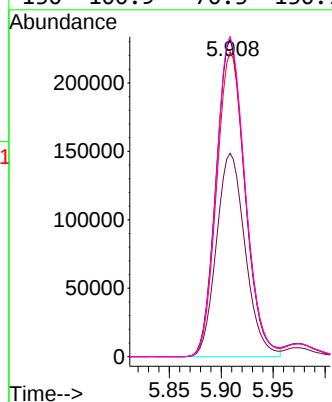
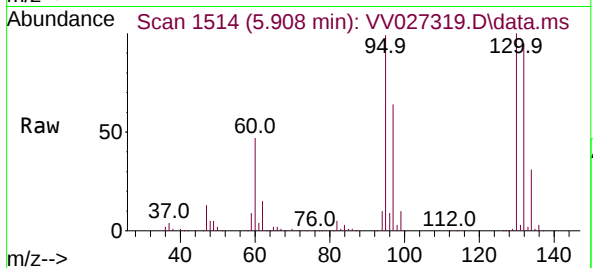
Ion Ratio Lower Upper

95 100

97 64.1 45.5 84.5

132 96.1 68.2 126.6

130 100.9 70.3 130.7



#35

Methylcyclohexane

Concen: 0.992 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV027319.D

Acq: 12 Aug 2022 09:45

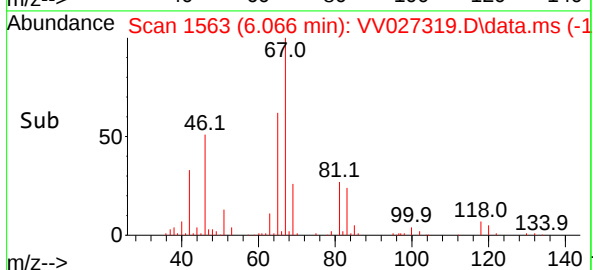
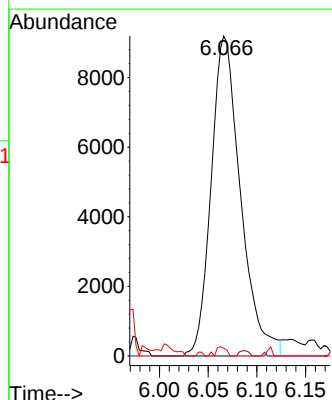
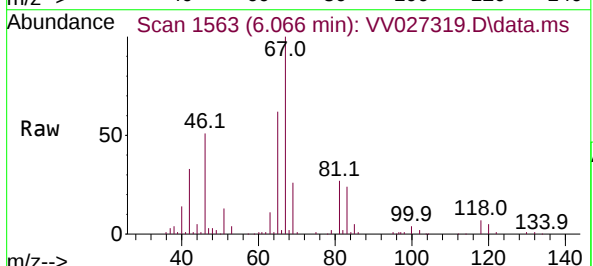
Tgt Ion: 83 Resp: 19285

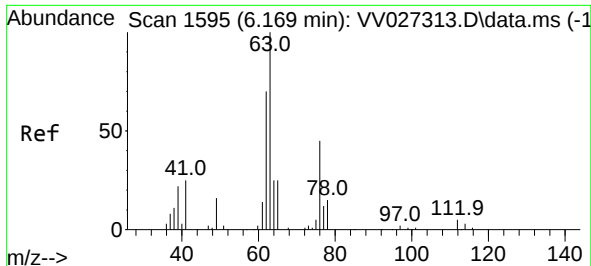
Ion Ratio Lower Upper

83 100

55 0.5 67.0 100.6#

98 0.0 38.7 58.1#





#37

1,2-Dichloropropane

Concen: 0.633 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV027319.D

Acq: 12 Aug 2022 09:45

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MSVOA_V

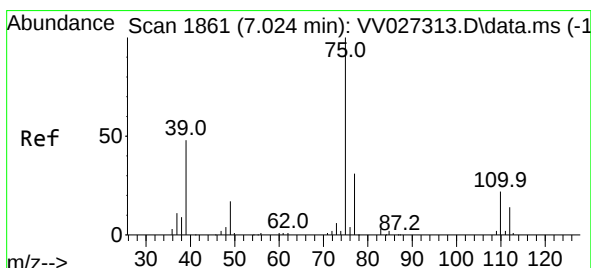
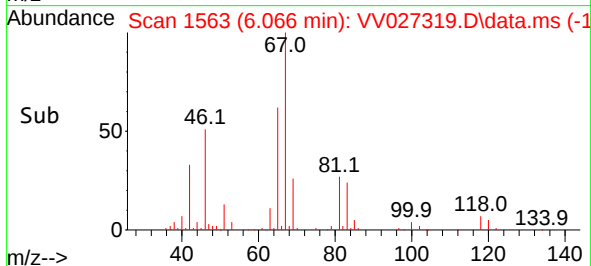
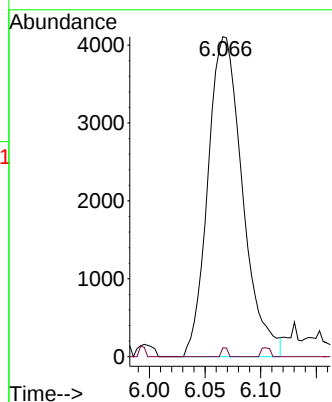
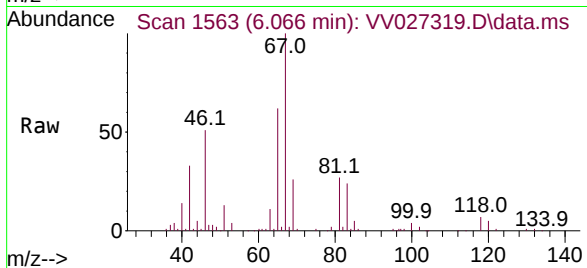
ClientSampleId :

Tgt Ion: 63 Resp: 8877

Ion Ratio Lower Upper

63 100

112 0.5 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.038 min

Lab File: VV027319.D

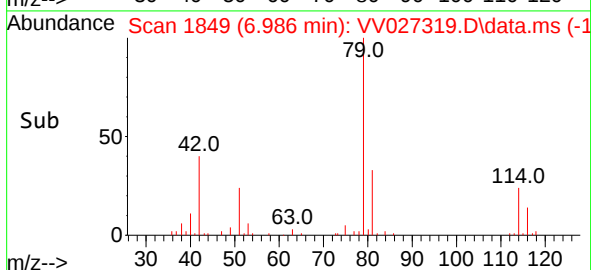
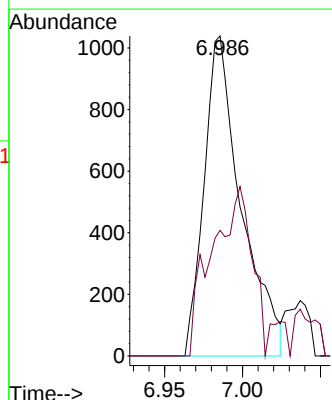
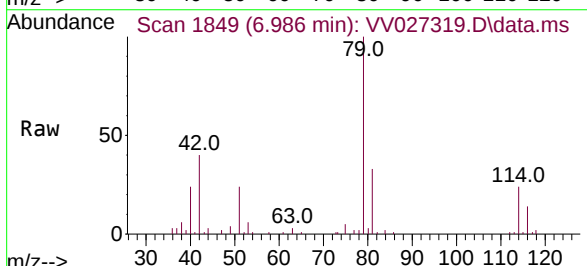
Acq: 12 Aug 2022 09:45

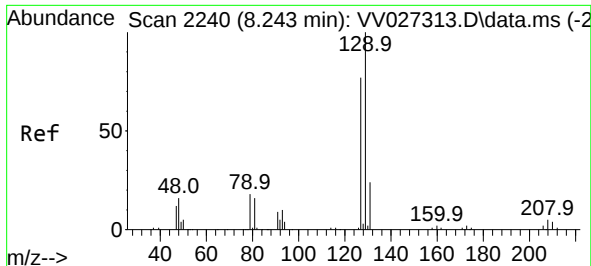
Tgt Ion: 75 Resp: 1719

Ion Ratio Lower Upper

75 100

77 39.3 23.2 43.0





#49

Dibromochloromethane

Concen: 0.032 ug/L

RT: 7.986 min Scan# 2160

Delta R.T. -0.257 min

Lab File: VV027319.D

Acq: 12 Aug 2022 09:45

Instrument :

MSVOA_V

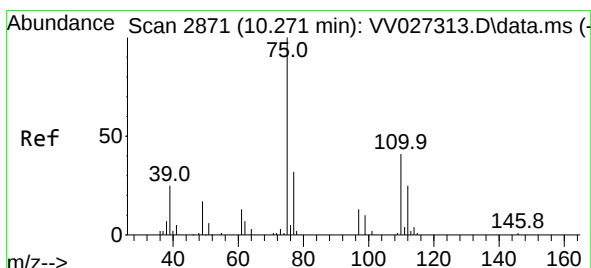
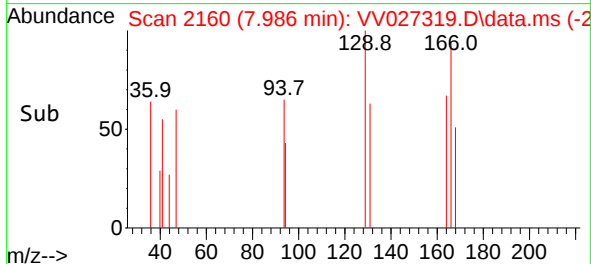
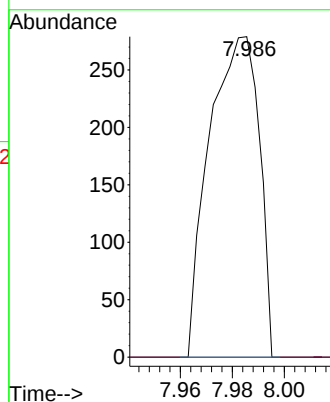
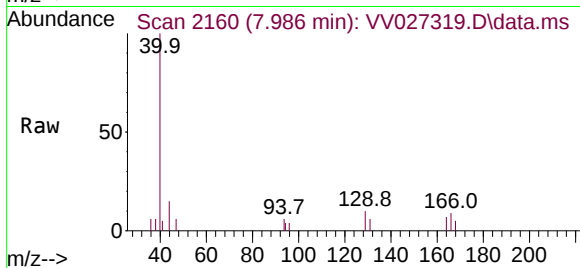
ClientSampleId :

Tgt Ion:129 Resp: 371

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.3#



#61

1,2,3-Trichloropropane

Concen: 1.291 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV027319.D

Acq: 12 Aug 2022 09:45

Tgt Ion: 75 Resp: 8377

Ion Ratio Lower Upper

75 100

77 35.7 26.6 39.8

110 1.8 31.0 46.6#

