

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110520\
 Data File : VV019251.D
 Acq On : 04 Nov 2020 16:01
 Operator : SY/MD
 Sample : L4615-02ME 2X
 Misc : 5.49g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 05 02:29:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 05 02:20:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	259450	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	254441	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	132865	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	62332	30.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.46%
7) Chloroethane-d5	1.57	69	57450	35.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.74%
11) 1,1-Dichloroethene-d2	2.11	63	109259	27.86	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.72%#
21) 2-Butanone-d5	3.91	46	83869	66.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	66.41%
24) Chloroform-d	4.37	84	145848	38.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.06%
26) 1,2-Dichloroethane-d4	5.05	65	106840	39.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.96%
32) Benzene-d6	5.07	84	279654	38.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.50%
36) 1,2-Dichloropropane-d6	6.09	67	87628	40.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.44%
41) Toluene-d8	7.33	98	254307	36.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.36%#
43) trans-1,3-Dichloropropene-	7.64	79	46141	37.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.10%
47) 2-Hexanone-d5	8.12	63	73279	78.62	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.62%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	113226	39.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.04%
64) 1,2-Dichlorobenzene-d4	11.65	152	114220	40.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.84%

Target Compounds

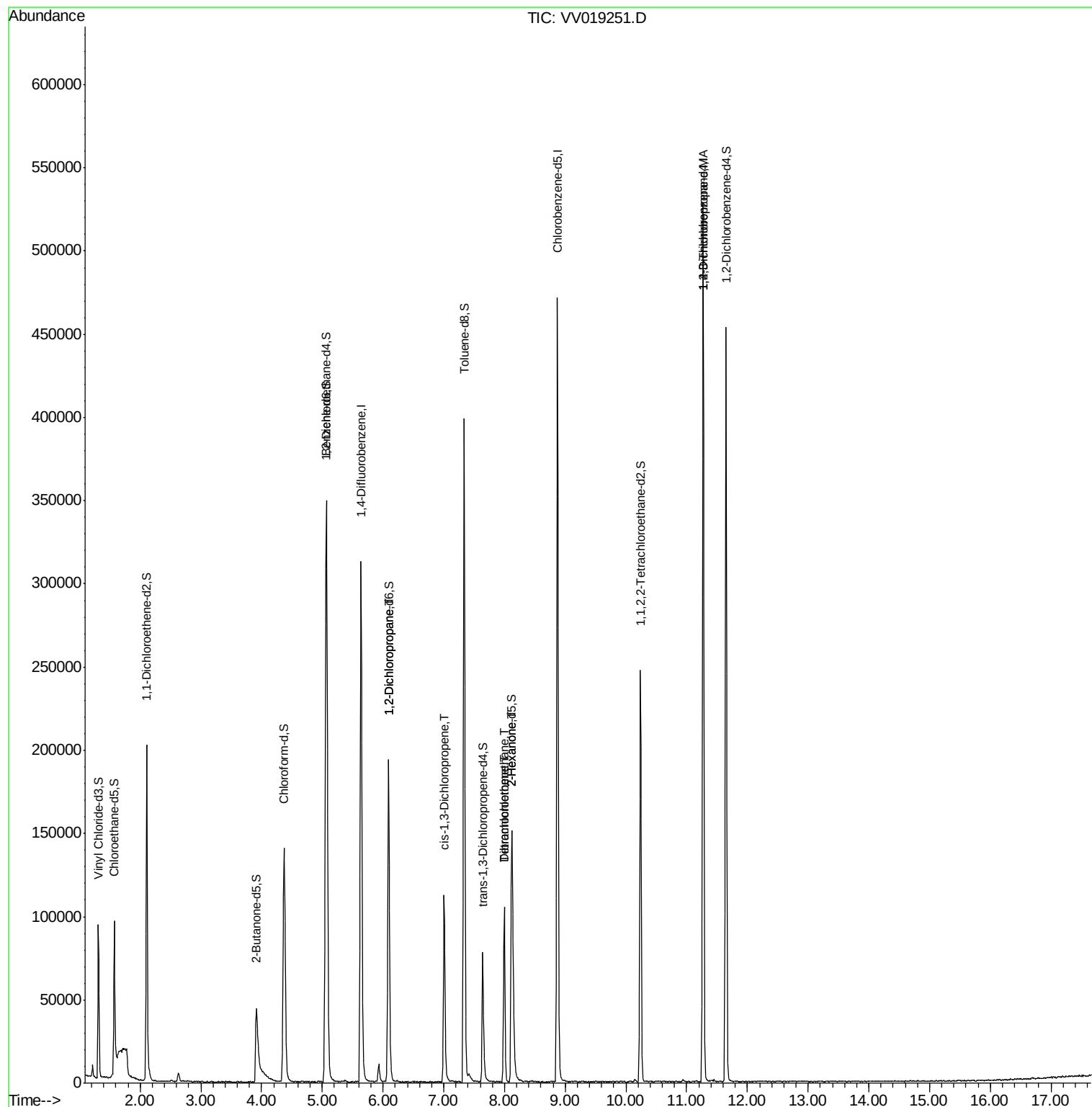
					Ovalue
37) 1,2-Dichloropropane	6.09	63	10933	6.001	ug/L # 85
39) cis-1,3-Dichloropropene	7.01	75	2814	0.935	ug/L # 67
46) Tetrachloroethene	8.00	164	23785	13.860	ug/L 95
48) 2-Hexanone	8.12	43	10199	5.105	ug/L # 54
49) Dibromochloromethane	7.99	129	21395	9.671	ug/L # 10
59) 1,2,3-Trichloropropane	11.27	75	14576	6.120	ug/L 89

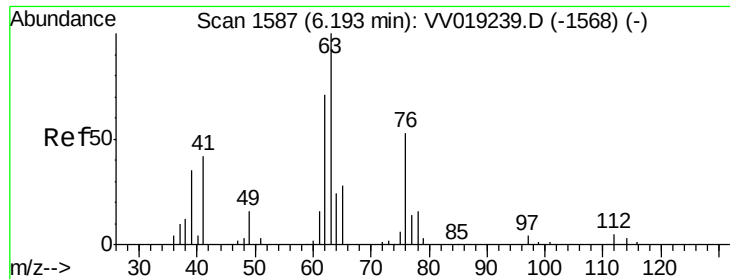
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

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Quant Title : VOC Analysis
QLast Update : Thu Nov 05 02:20:23 2020
Response via : Initial Calibration

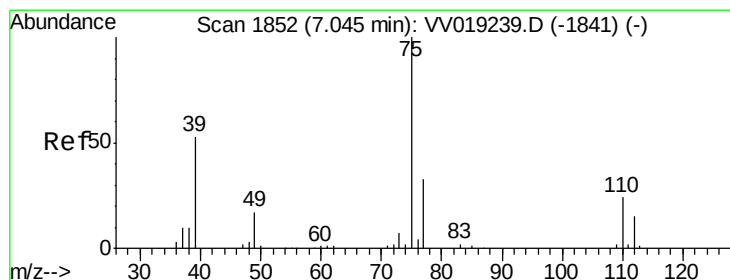
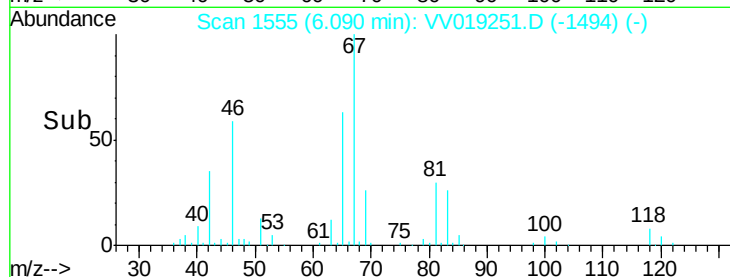
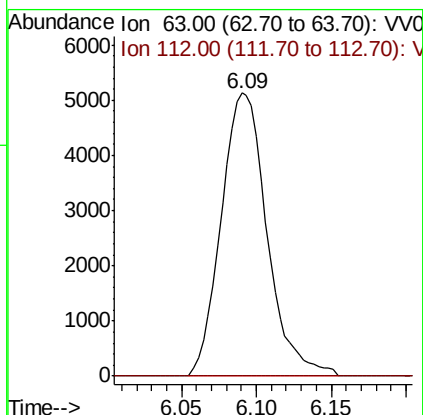
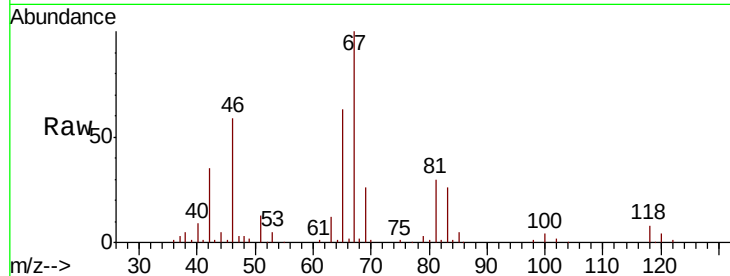




#37
 1,2-Dichloropropane
 Concen: 6.001 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.10 min
 Lab File: VV019251.D
 Acq: 04 Nov 2020 16:01

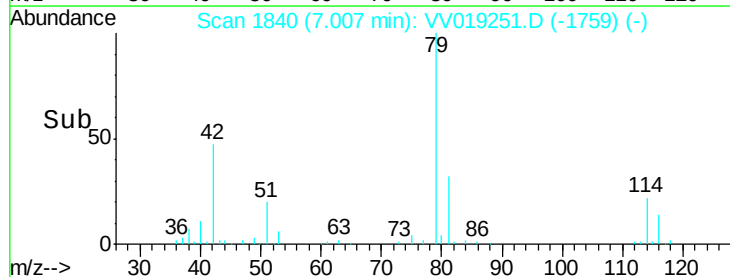
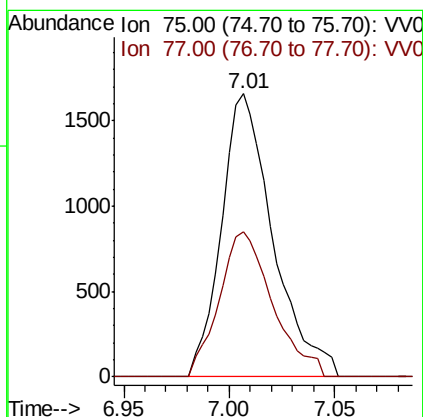
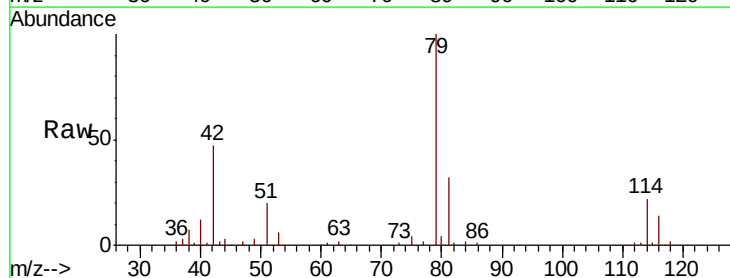
Instrument :
 MSVOA_V
 ClientSampleId :

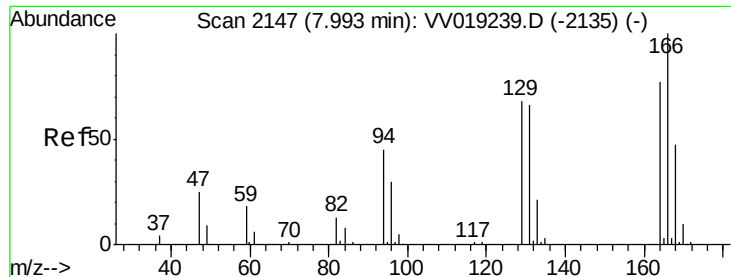
Tot Ion: 63 Resp: 10933
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.935 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV019251.D
 Acq: 04 Nov 2020 16:01

Tgt Ion: 75 Resp: 2814
 Ion Ratio Lower Upper
 75 100
 77 51.1 22.7 42.1#





#46

Tetrachloroethene

Concen: 13.860 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV019251.D

Acq: 04 Nov 2020 16:01

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:164 Resp: 23785

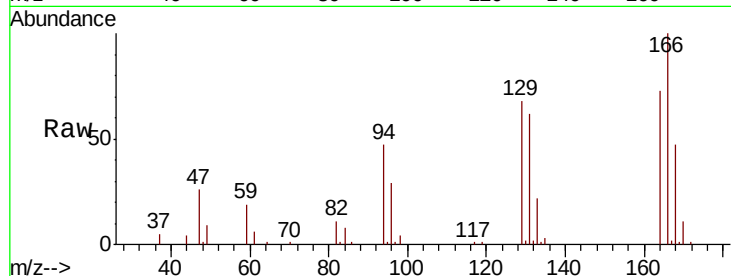
Ion Ratio Lower Upper

164 100

129 92.6 63.2 117.4

131 84.5 60.3 112.1

166 136.2 88.3 163.9

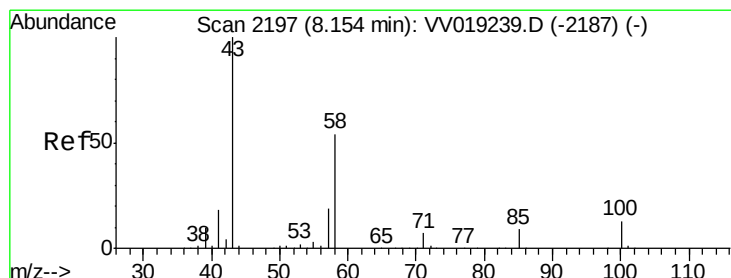
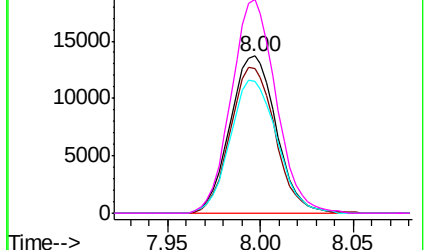
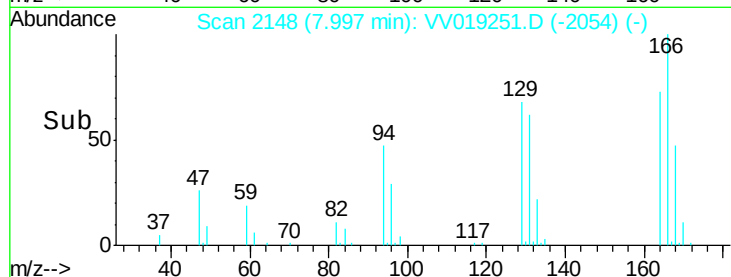


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 5.105 ug/L

RT: 8.12 min Scan# 2187

Delta R.T. -0.03 min

Lab File: VV019251.D

Acq: 04 Nov 2020 16:01

Tgt Ion: 43 Resp: 10199

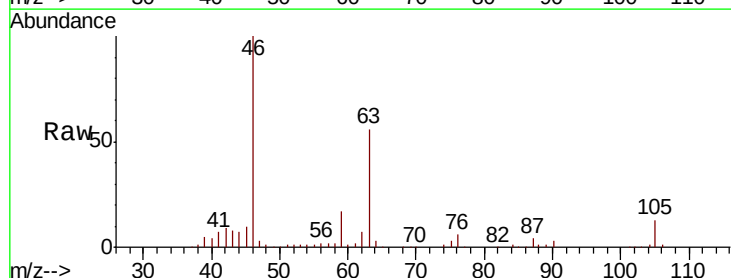
Ion Ratio Lower Upper

43 100

58 10.8 43.6 65.4#

57 26.4 16.0 24.0#

100 0.0 10.3 15.5#

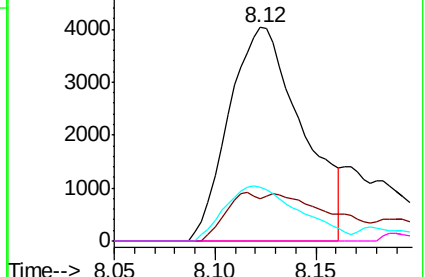
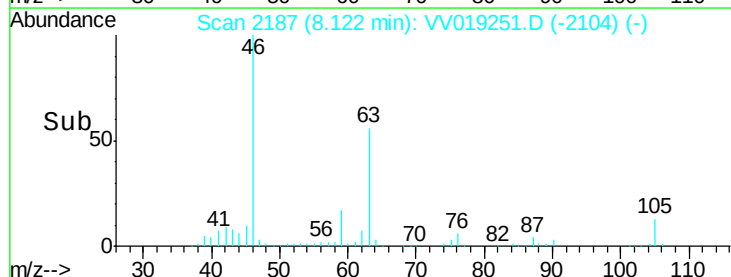


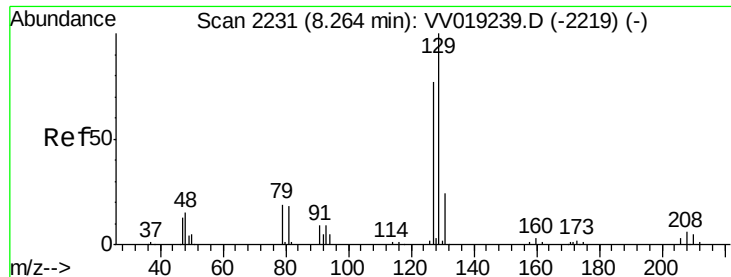
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

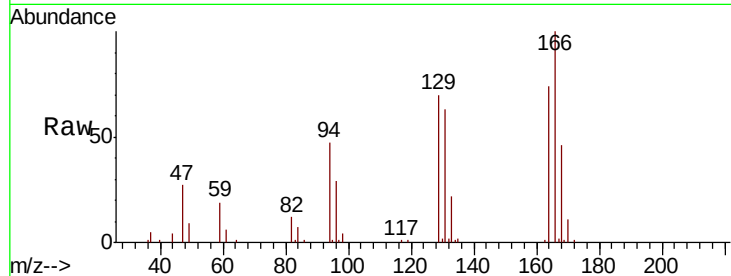




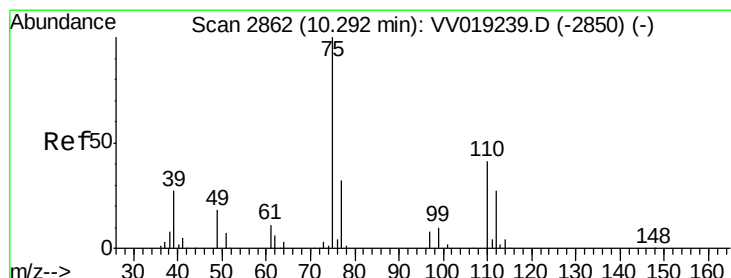
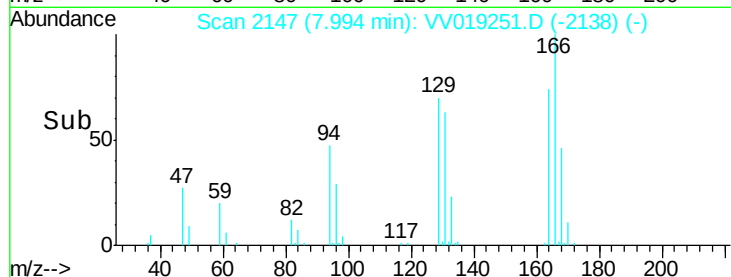
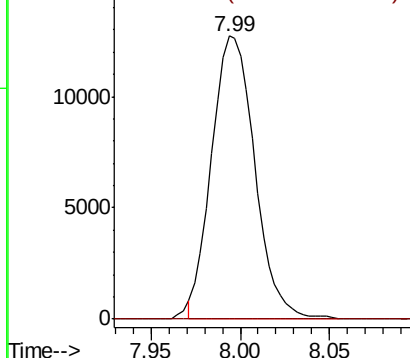
#49
Dibromochloromethane
Concen: 9.671 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. -0.27 min
Lab File: VV019251.D
Acq: 04 Nov 2020 16:01

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:129 Resp: 21395
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.5#

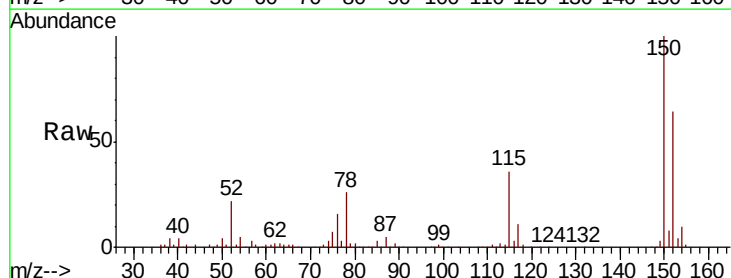


Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#59
1,2,3-Trichloropropane
Concen: 6.120 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV019251.D
Acq: 04 Nov 2020 16:01

Tgt Ion: 75 Resp: 14576
Ion Ratio Lower Upper
75 100
77 38.7 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0

