

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102920\
 Data File : VV019172.D
 Acq On : 30 Oct 2020 02:20
 Operator : SY/MD
 Sample : L4502-22ME 4X
 Misc : 5.27g/5.0ml/100uL/5.0ml/MSVOA-V/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG445ME

Quant Time: Oct 30 05:47:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 30 05:31:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	219313	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	209188	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	108616	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77202	44.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.60%
7) Chloroethane-d5	1.58	69	64528	47.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.32%
11) 1,1-Dichloroethene-d2	2.12	63	116007	34.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.98%
21) 2-Butanone-d5	3.91	46	113010	105.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.87%
24) Chloroform-d	4.37	84	158186	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.58%
26) 1,2-Dichloroethane-d4	5.05	65	118003	52.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.46%
32) Benzene-d6	5.07	84	297424	50.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.24%
36) 1,2-Dichloropropane-d6	6.09	67	92094	52.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.10%
41) Toluene-d8	7.33	98	270127	47.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.78%
43) trans-1,3-Dichloropropene-	7.64	79	49200	48.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.10%
47) 2-Hexanone-d5	8.11	63	81806	106.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.76%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	122082	51.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	119081	52.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.36%

Target Compounds

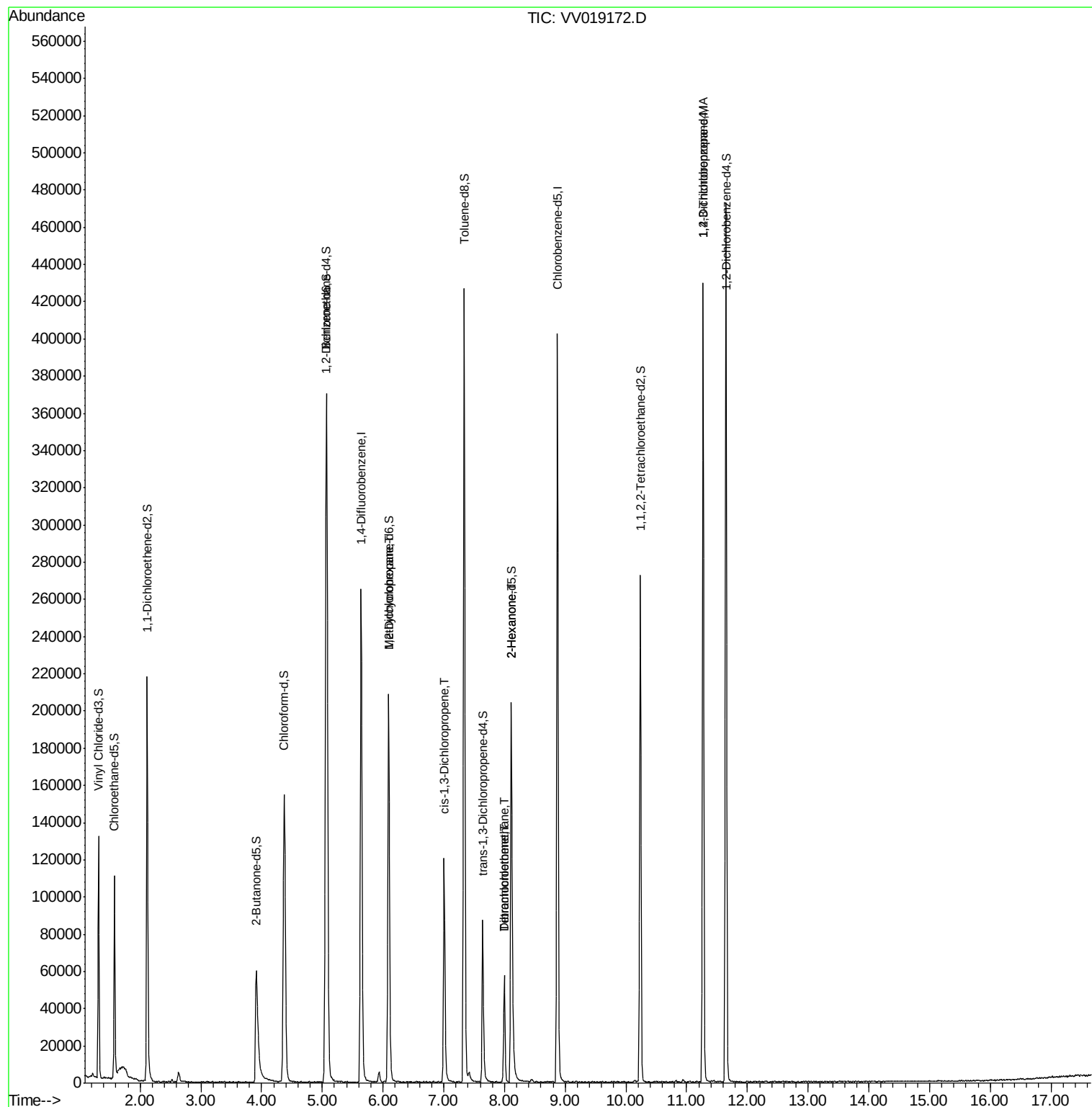
					Ovalue
35) Methylcyclohexane	6.09	83	24219	10.858 ug/L #	18
39) cis-1,3-Dichloropropene	7.01	75	3276	1.324 ug/L #	63
46) Tetrachloroethene	8.00	164	12667	8.978 ug/L	96
48) 2-Hexanone	8.11	43	10240	6.235 ug/L #	68
49) Dibromochloromethane	8.00	129	11444	6.292 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	11661	5.955 ug/L	91

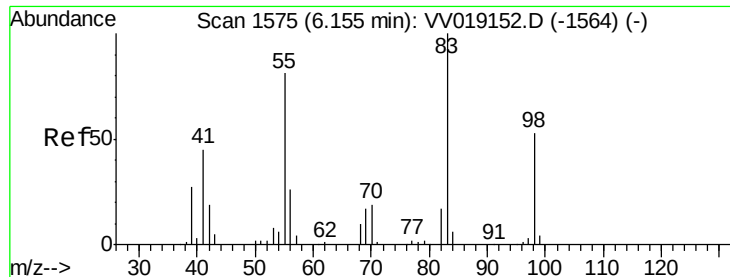
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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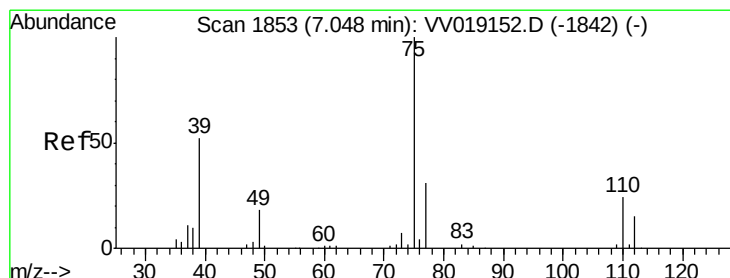
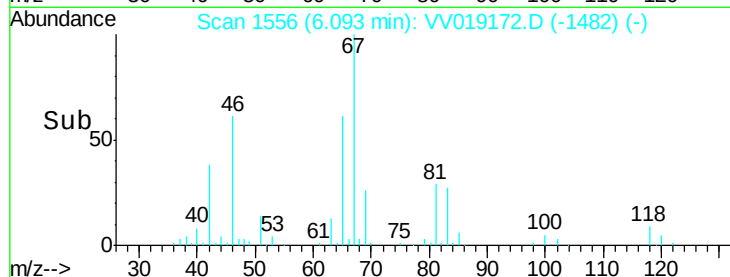
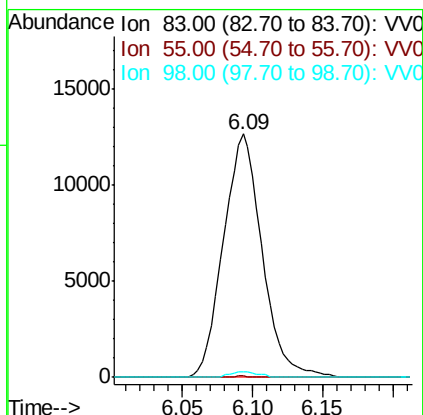
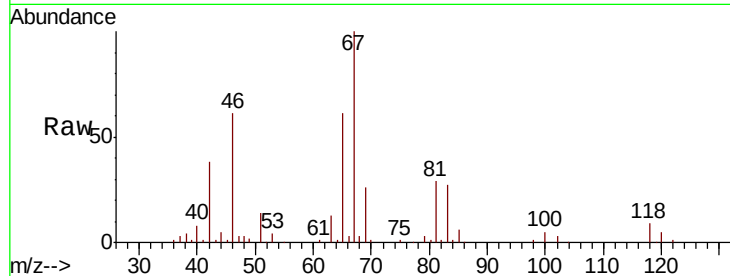




#35
Methylcyclohexane
Concen: 10.858 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV019172.D
Acq: 30 Oct 2020 02:20

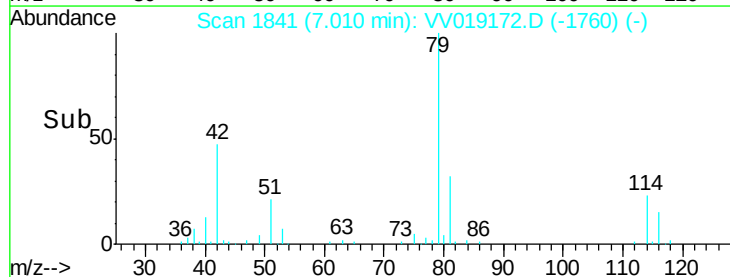
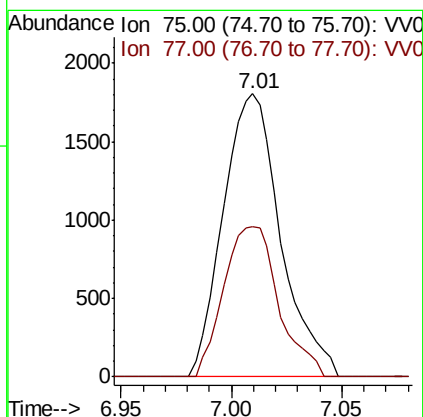
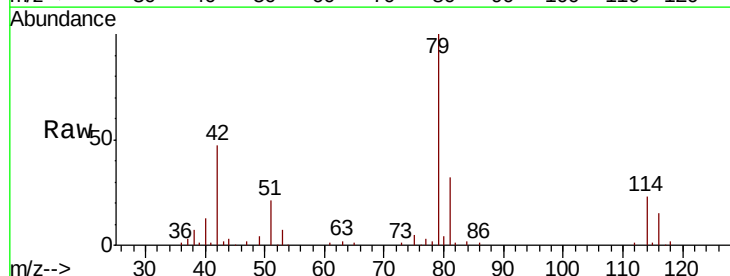
Instrument :
MSVOA_V
ClientSampleId :
BG445ME

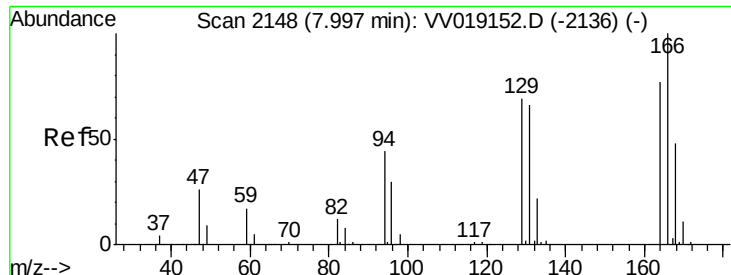
Tot Ion: 83 Resp: 24219
Ion Ratio Lower Upper
83 100
55 0.2 62.2 93.4#
98 1.6 39.4 59.2#



#39
cis-1,3-Dichloropropene
Concen: 1.324 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV019172.D
Acq: 30 Oct 2020 02:20

Tgt Ion: 75 Resp: 3276
Ion Ratio Lower Upper
75 100
77 53.2 22.7 42.1#





#46

Tetrachloroethene

Concen: 8.978 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV019172.D

Acq: 30 Oct 2020 02:20

Instrument :

MSVOA_V

ClientSampleId :

BG445ME

Tot Ion:164 Resp: 12667

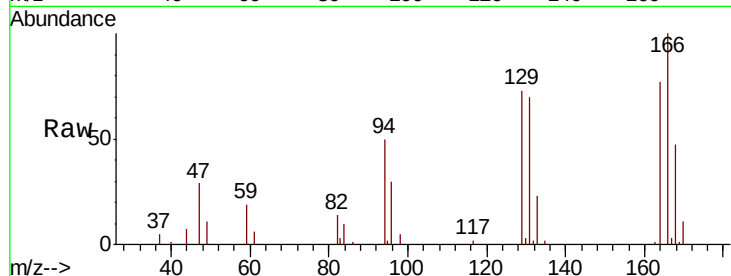
Ion Ratio Lower Upper

164 100

129 94.9 63.2 117.4

131 90.3 60.3 112.1

166 129.5 88.3 163.9

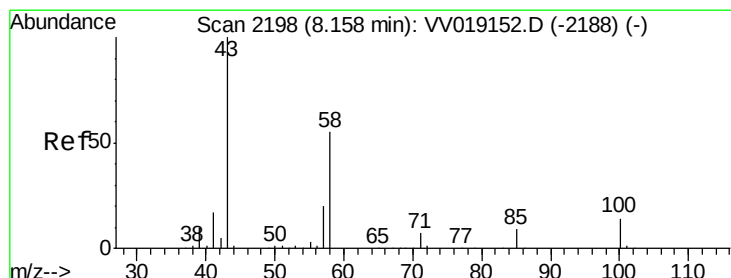
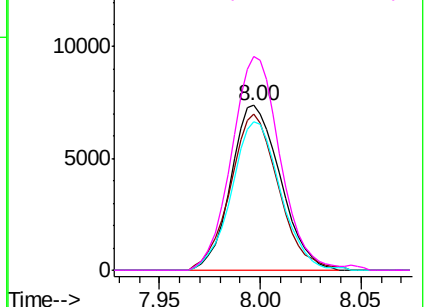
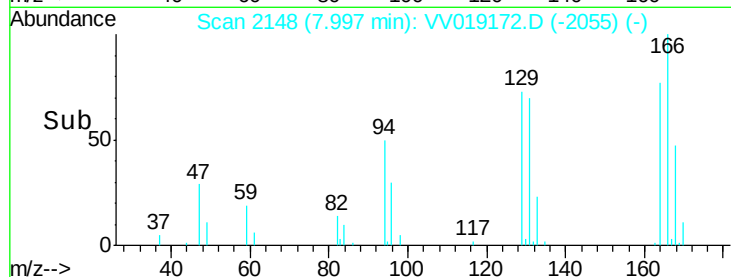


Abundance Ion 164.00 (163.70 to 164.70): V

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: 6.235 ug/L

RT: 8.11 min Scan# 2183

Delta R.T. -0.05 min

Lab File: VV019172.D

Acq: 30 Oct 2020 02:20

Tgt Ion: 43 Resp: 10240

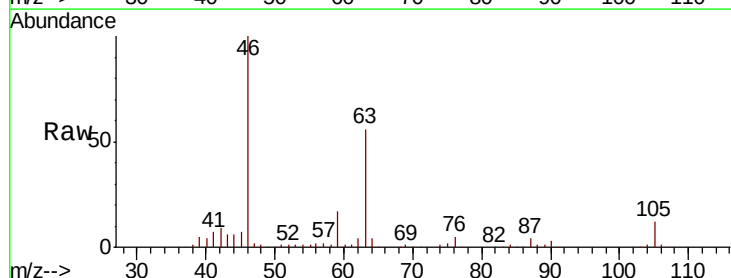
Ion Ratio Lower Upper

43 100

58 26.7 43.6 65.4#

57 27.0 16.0 24.0#

100 0.0 10.3 15.5#

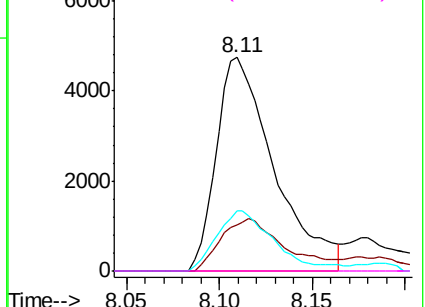
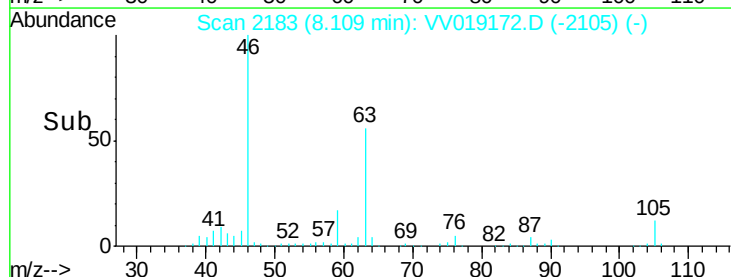


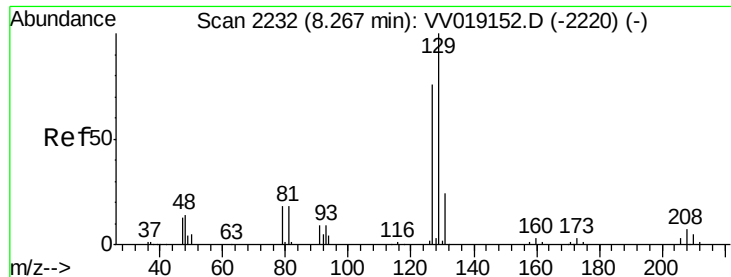
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 6.292 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV019172.D

Acq: 30 Oct 2020 02:20

Instrument :

MSVOA_V

ClientSampled :

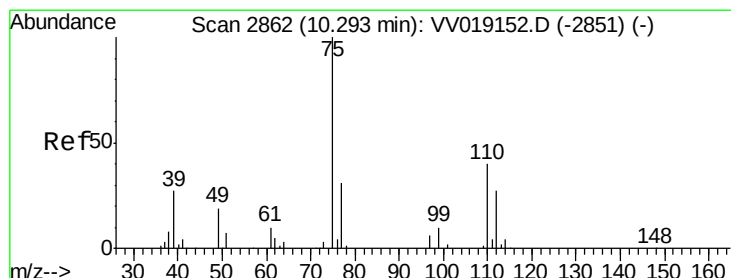
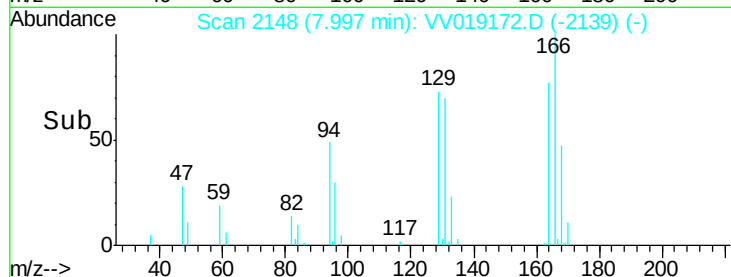
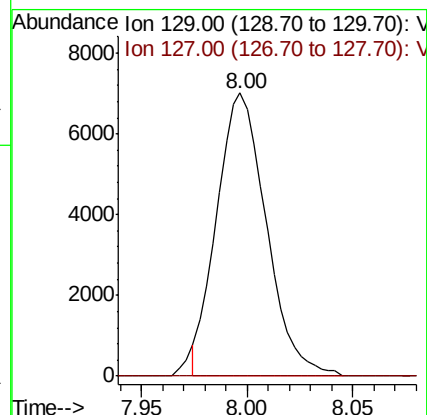
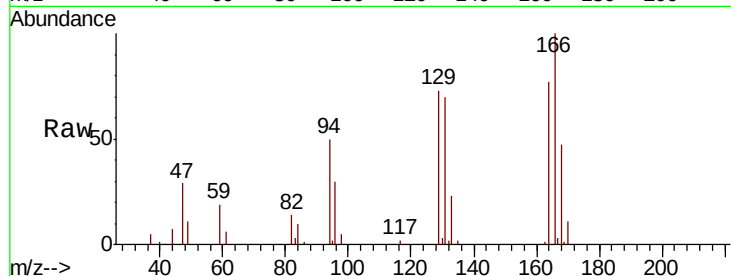
BG445ME

Tot Ion:129 Resp: 11444

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.5#



#59

1,2,3-Trichloropropane

Concen: 5.955 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019172.D

Acq: 30 Oct 2020 02:20

Tgt Ion: 75 Resp: 11661

Ion Ratio Lower Upper

75 100

77 37.9 26.2 39.4

