

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
 Data File : VV018255.D
 Acq On : 16 Sep 2020 23:19
 Operator : SY/MD
 Sample : L4042-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 05:35:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 17 05:33:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	300277	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	297591	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	143867	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97169	39.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.42%
7) Chloroethane-d5	1.58	69	80622	40.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.52%
11) 1,1-Dichloroethene-d2	2.12	63	139830	31.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.30%
21) 2-Butanone-d5	3.92	46	123947	82.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.75%
24) Chloroform-d	4.38	84	174418	41.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.16%
26) 1,2-Dichloroethane-d4	5.06	65	116266	42.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.44%
32) Benzene-d6	5.08	84	353909	41.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.08%
36) 1,2-Dichloropropane-d6	6.09	67	113905	42.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.16%
41) Toluene-d8	7.34	98	314970	40.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.14%
43) trans-1,3-Dichloropropene-	7.64	79	53344	38.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.56%
47) 2-Hexanone-d5	8.11	63	90191	87.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.96%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	149245	43.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.86%
64) 1,2-Dichlorobenzene-d4	11.65	152	132544	44.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.72%

Target Compounds

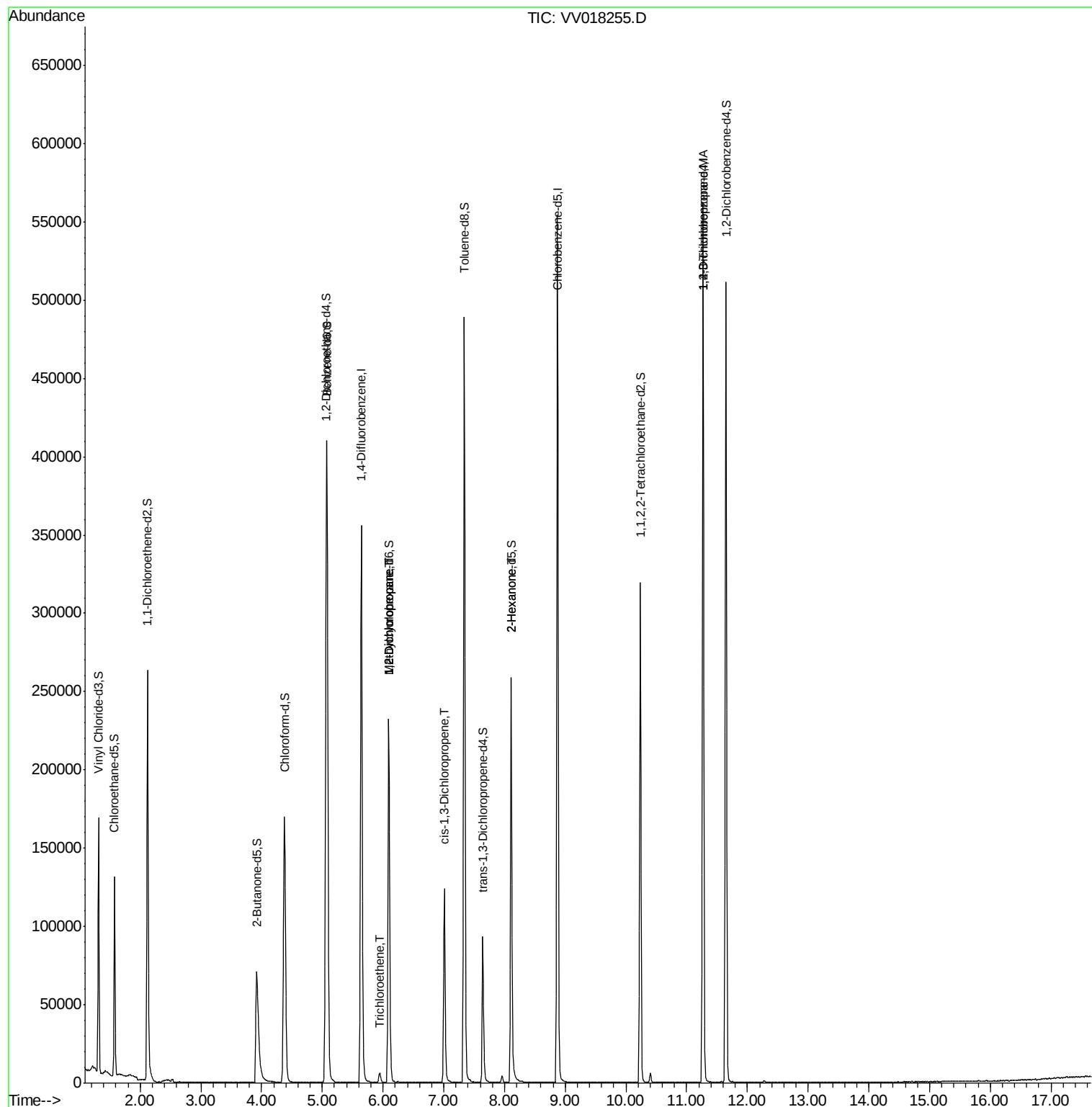
					Ovalue
34) Trichloroethene	5.95	95	2043	0.881 ug/L	94
35) Methylcyclohexane	6.10	83	27221	7.800 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	12420	5.509 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2949	0.849 ug/L #	67
48) 2-Hexanone	8.11	43	10439	4.841 ug/L #	68
59) 1,2,3-Trichloropropane	11.27	75	16236	6.122 ug/L	90

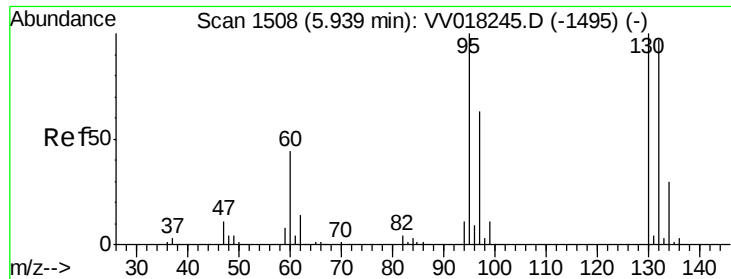
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 17 05:33:55 2020
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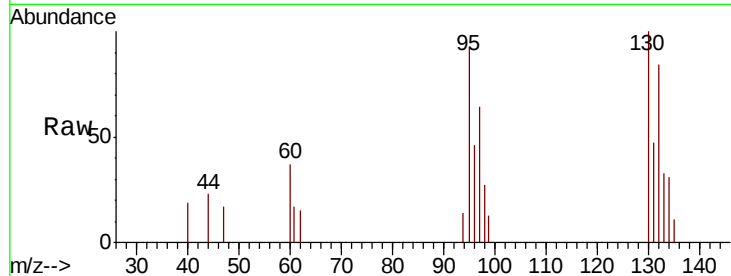




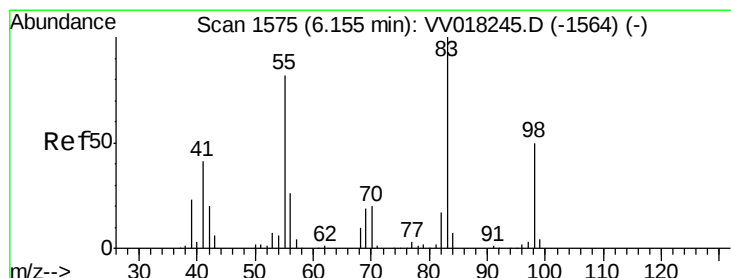
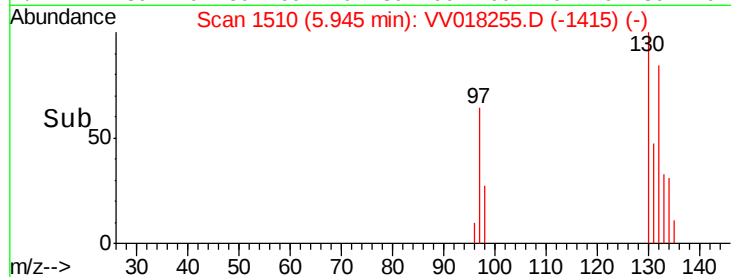
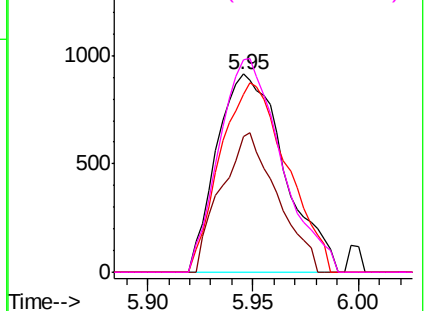
#34
 Trichloroethene
 Concen: 0.881 ug/L
 RT: 5.95 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VV018255.D
 Acq: 16 Sep 2020 23:19

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 95 Resp: 2043
 Ion Ratio Lower Upper
 95 100
 97 68.7 46.3 85.9
 132 89.8 68.1 126.5
 130 107.5 71.5 132.9

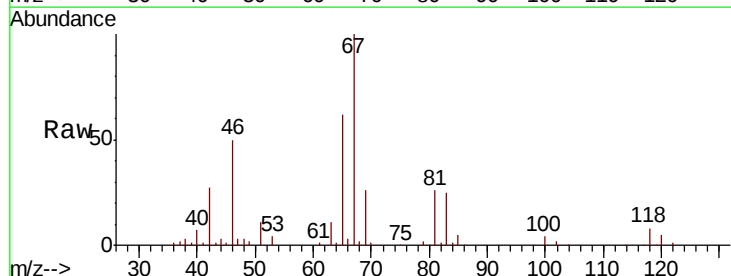


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

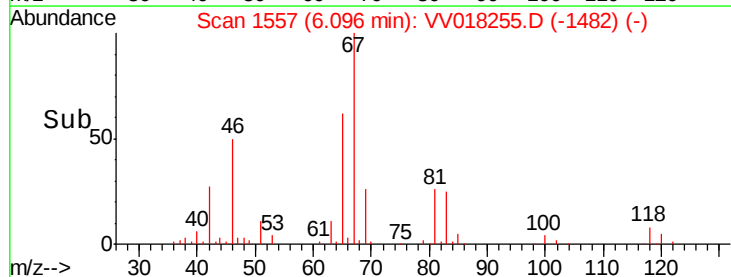
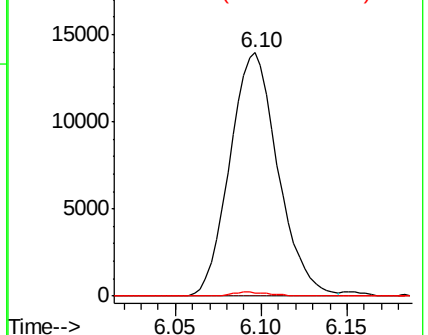


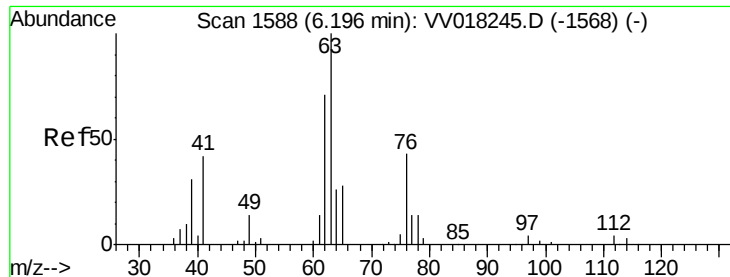
#35
 Methylcyclohexane
 Concen: 7.800 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.06 min
 Lab File: VV018255.D
 Acq: 16 Sep 2020 23:19

Tgt Ion: 83 Resp: 27221
 Ion Ratio Lower Upper
 83 100
 55 0.0 63.4 95.2#
 98 1.2 38.8 58.2#



Abundance Ion 83.00 (82.70 to 83.70): VV0
 Ion 55.00 (54.70 to 55.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0

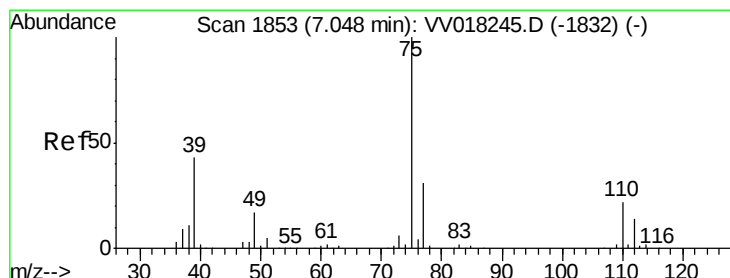
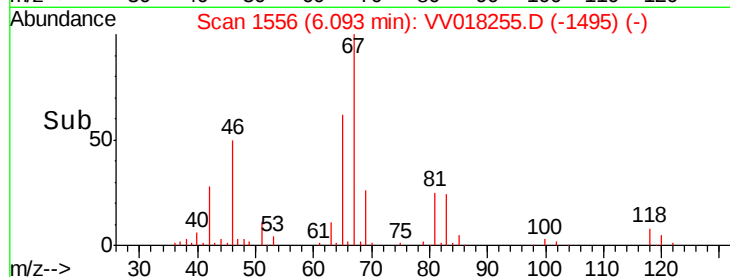
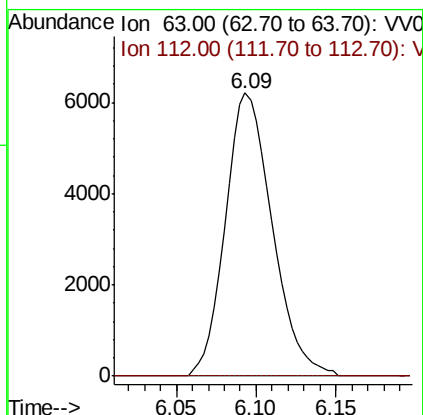
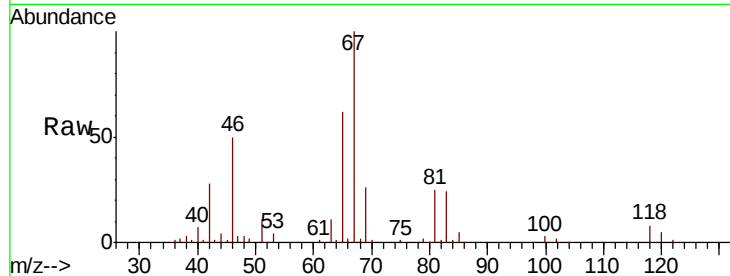




#37
 1,2-Dichloropropane
 Concen: 5.509 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018255.D
 Acq: 16 Sep 2020 23:19

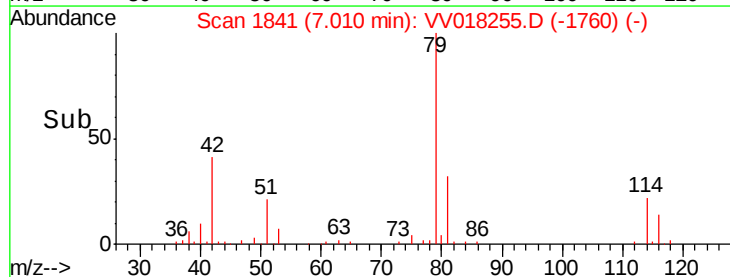
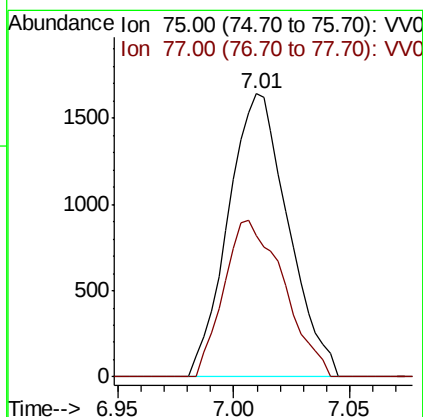
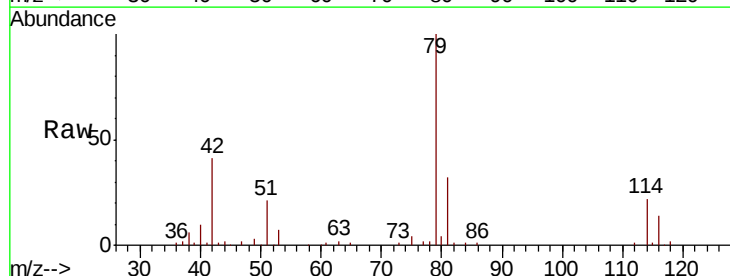
Instrument :
 MSVOA_V
 ClientSampleId :

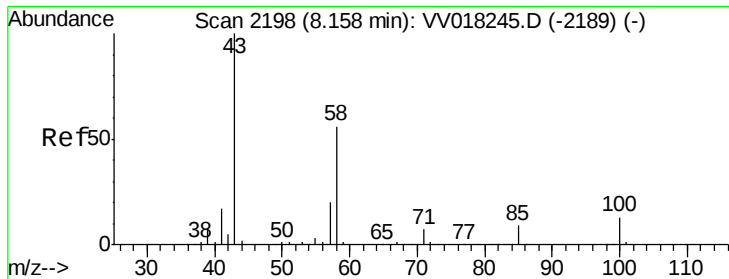
Tot Ion: 63 Resp: 12420
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.849 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018255.D
 Acq: 16 Sep 2020 23:19

Tgt Ion: 75 Resp: 2949
 Ion Ratio Lower Upper
 75 100
 77 50.1 22.3 41.3#





#48

2-Hexanone

Concen: 4.841 ug/L

RT: 8.11 min Scan# 2183

Delta R.T. -0.05 min

Lab File: VV018255.D

Acq: 16 Sep 2020 23:19

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 10439

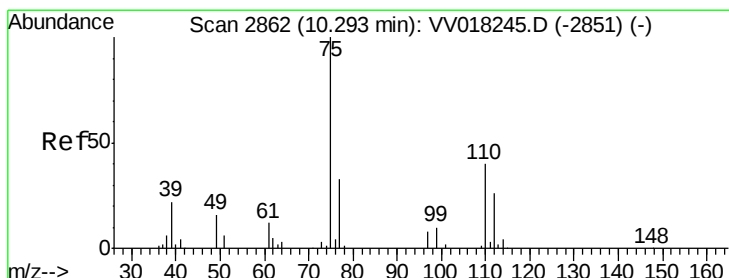
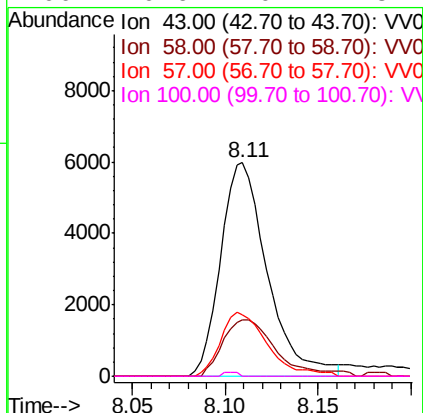
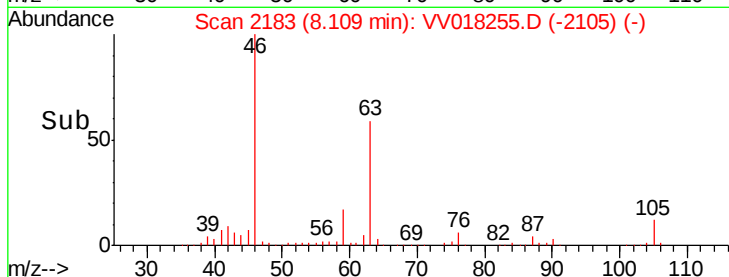
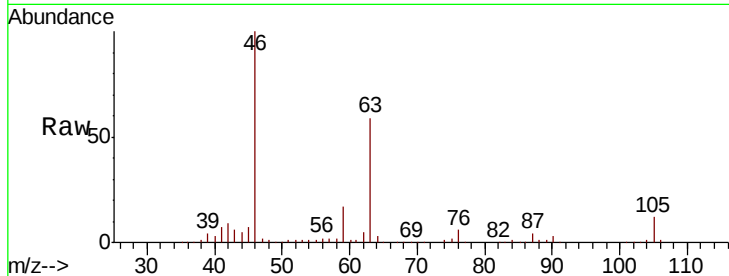
Ion Ratio Lower Upper

43 100

58 29.6 44.8 67.2#

57 28.9 15.8 23.6#

100 0.6 10.2 15.4#



#59

1,2,3-Trichloropropane

Concen: 6.122 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018255.D

Acq: 16 Sep 2020 23:19

Tgt Ion: 75 Resp: 16236

Ion Ratio Lower Upper

75 100

77 37.8 25.8 38.6

