

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090120\
 Data File : VV018145.D
 Acq On : 01 Sep 2020 14:33
 Operator : SY/MD
 Sample : L3813-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Sep 02 01:45:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 02 01:43:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	252057	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	252001	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	122418	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76095	39.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.14%
7) Chloroethane-d5	1.58	69	73762	46.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.76%
11) 1,1-Dichloroethene-d2	2.12	63	125139	34.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.04%
21) 2-Butanone-d5	3.91	46	129621	102.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.91%
24) Chloroform-d	4.38	84	168541	48.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.28%
26) 1,2-Dichloroethane-d4	5.06	65	116177	51.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.18%
32) Benzene-d6	5.08	84	332354	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.70%
36) 1,2-Dichloropropane-d6	6.09	67	112501	49.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.10%
41) Toluene-d8	7.34	98	287790	46.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.16%
43) trans-1,3-Dichloropropene-	7.64	79	51593	50.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.20%
47) 2-Hexanone-d5	8.11	63	66177	90.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.83%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	143098	48.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	131761	54.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.38%

Target Compounds

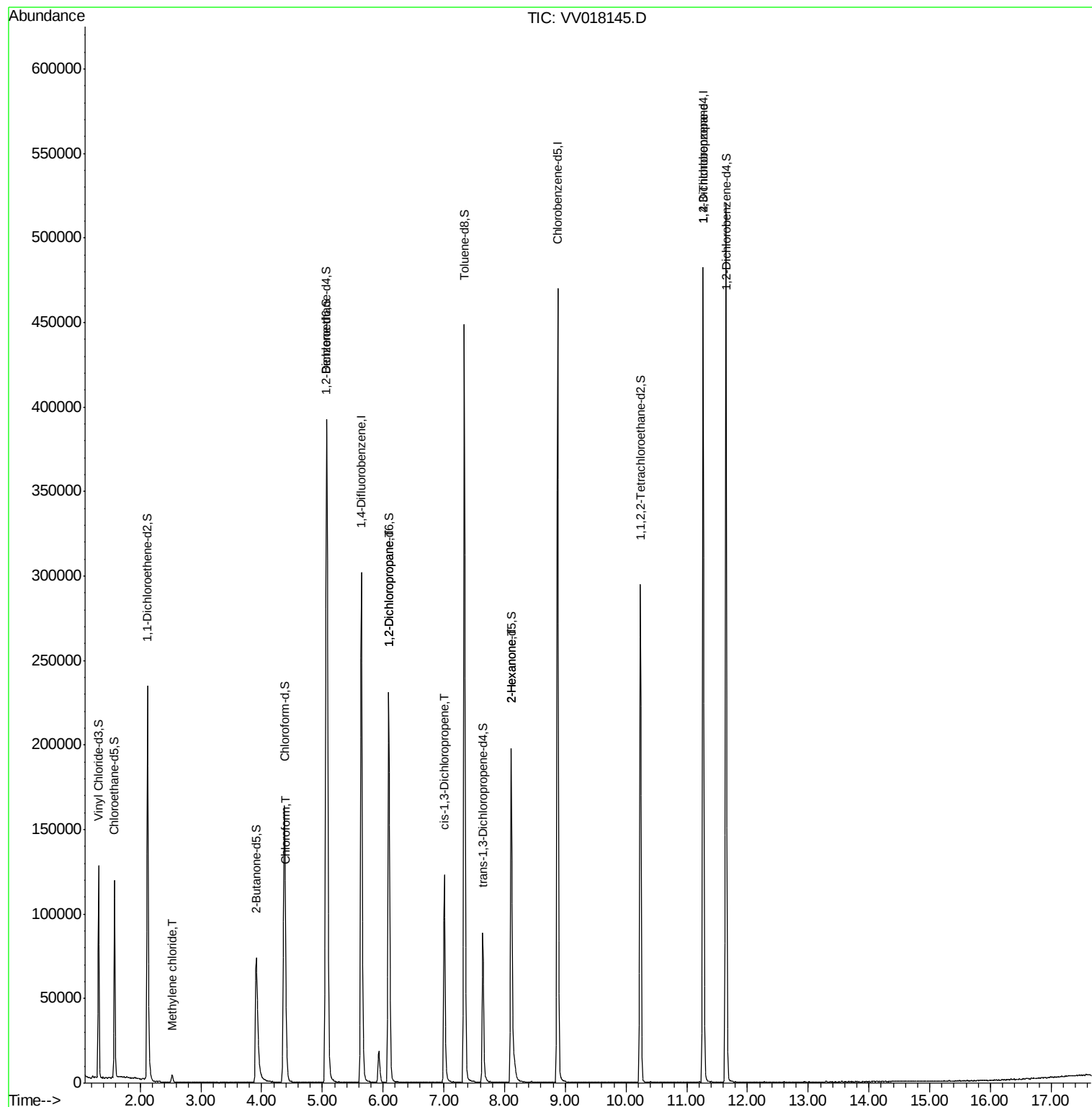
					Ovalue
16) Methylene chloride	2.53	84	1913	0.888 ug/L	96
25) Chloroform	4.40	83	7164	2.010 ug/L	99
37) 1,2-Dichloropropane	6.09	63	12034	5.660 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3083	1.023 ug/L #	77
48) 2-Hexanone	8.11	43	8042	3.588 ug/L #	71
59) 1,2,3-Trichloropropane	11.27	75	14000	5.332 ug/L	90

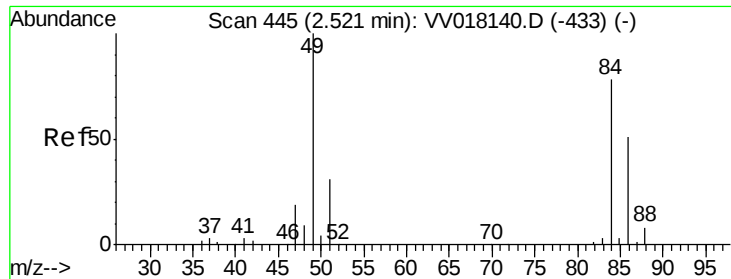
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Sep 02 01:43:13 2020
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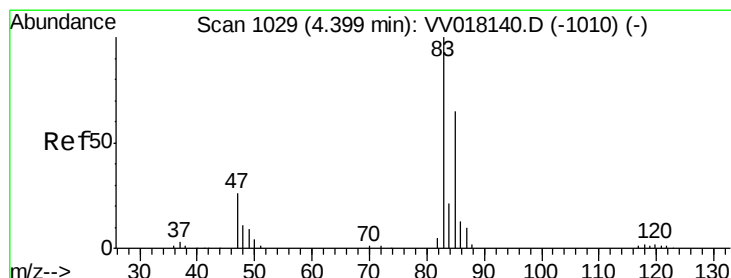
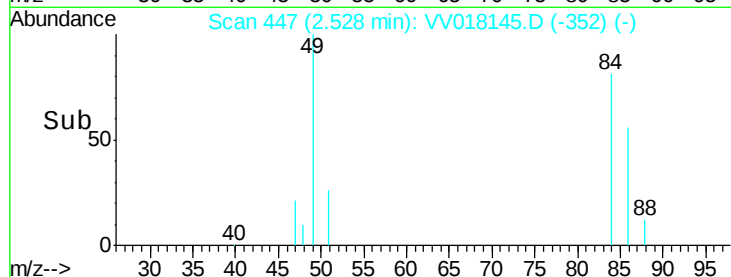
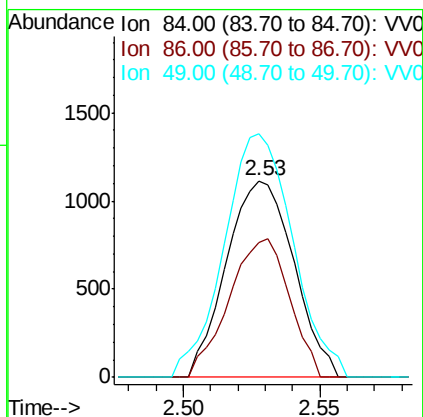
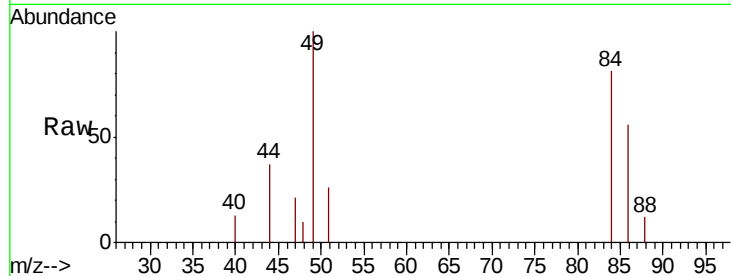




#16
Methvlene chloride
Concen: 0.888 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.01 min
Lab File: VV018145.D
Acq: 01 Sep 2020 14:33

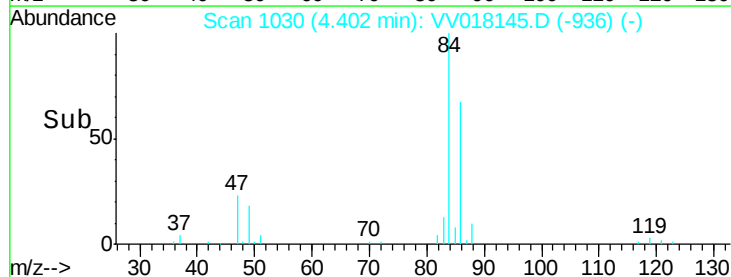
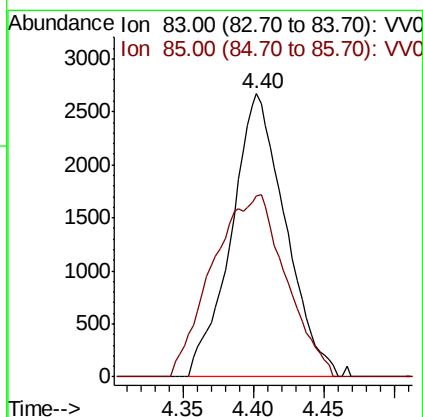
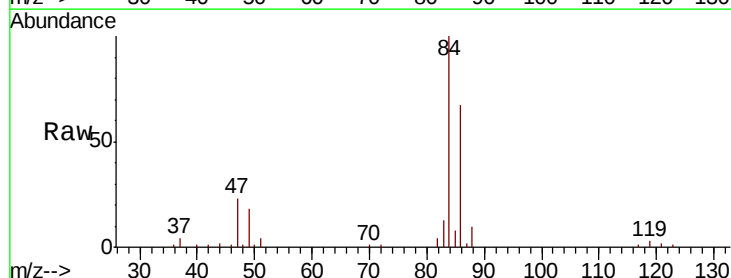
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

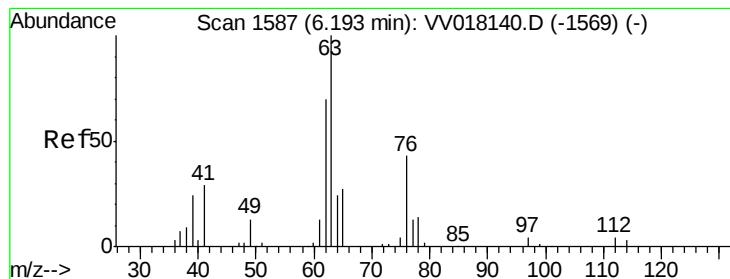
Tot Ion: 84 Resp: 1913
Ion Ratio Lower Upper
84 100
86 68.9 46.3 85.9
49 124.0 89.7 166.5



#25
Chloroform
Concen: 2.010 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV018145.D
Acq: 01 Sep 2020 14:33

Tgt Ion: 83 Resp: 7164
Ion Ratio Lower Upper
83 100
85 64.0 45.5 84.5





#37

1,2-Dichloropropane

Concen: 5.660 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018145.D

Acq: 01 Sep 2020 14:33

Instrument :

MSVOA_V

ClientSampleId :

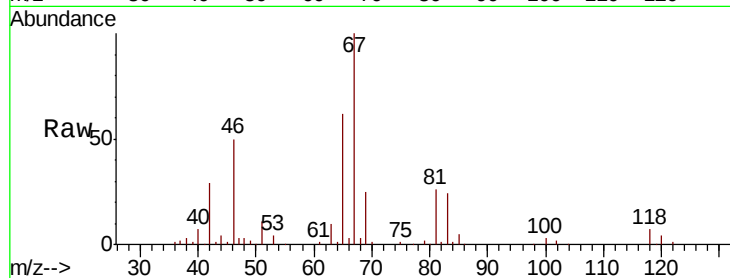
VHBLK01

Tot Ion: 63 Resp: 12034

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VV018140.D (-1569) (-)

Ion 112.00 (111.70 to 112.70): VV018140.D (-1569) (-)

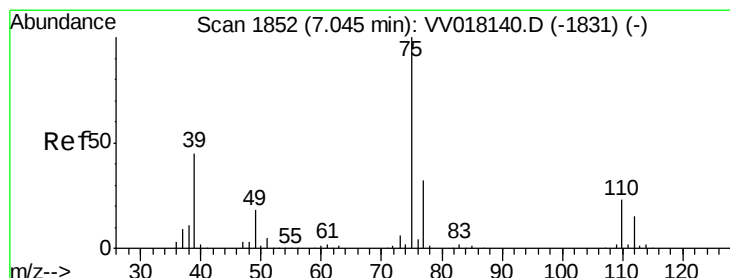
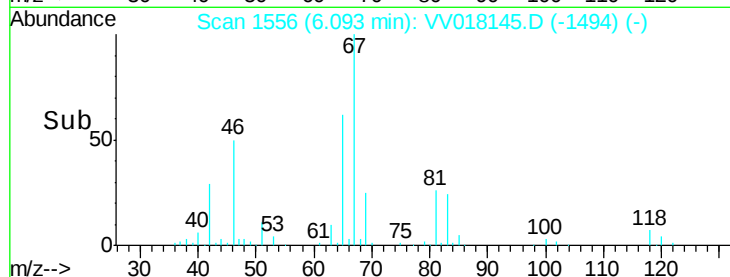
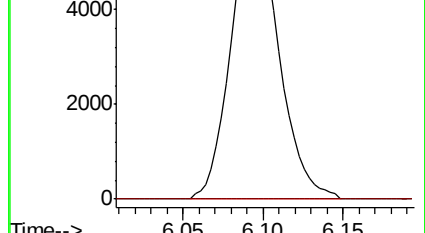
6000

4000

2000

0

6.05 6.10 6.15



#39

cis-1,3-Dichloropropene

Concen: 1.023 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018145.D

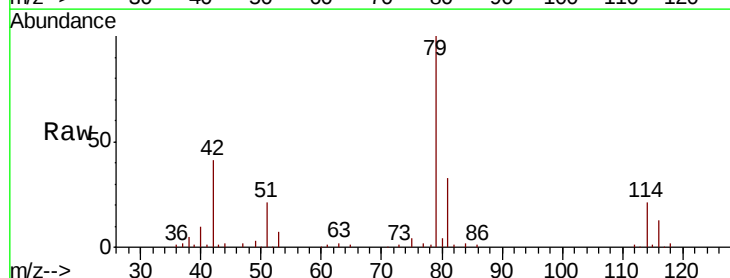
Acq: 01 Sep 2020 14:33

Tgt Ion: 75 Resp: 3083

Ion Ratio Lower Upper

75 100

77 44.8 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VV018140.D (-1831) (-)

Ion 77.00 (76.70 to 77.70): VV018140.D (-1831) (-)

2000

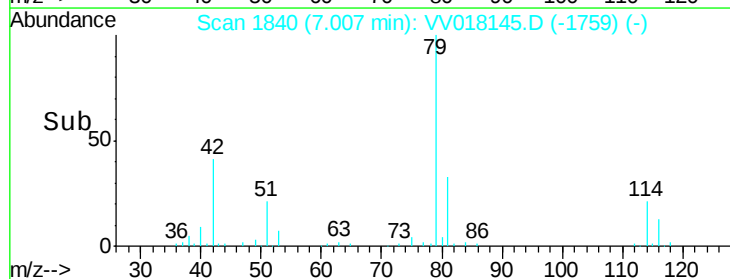
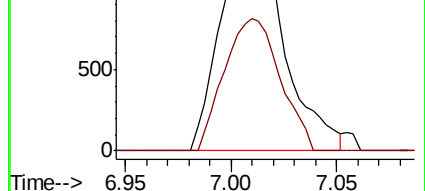
1500

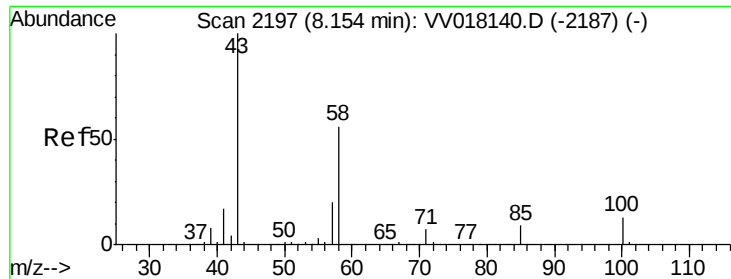
1000

500

0

6.95 7.00 7.05





#48

2-Hexanone

Concen: 3.588 ug/L

RT: 8.11 min Scan# 2182

Delta R.T. -0.05 min

Lab File: VV018145.D

Acq: 01 Sep 2020 14:33

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tot Ion: 43 Resp: 8042

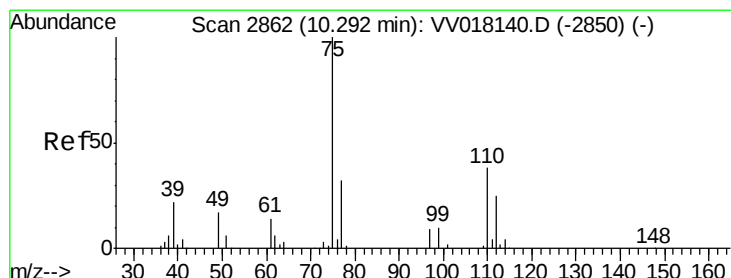
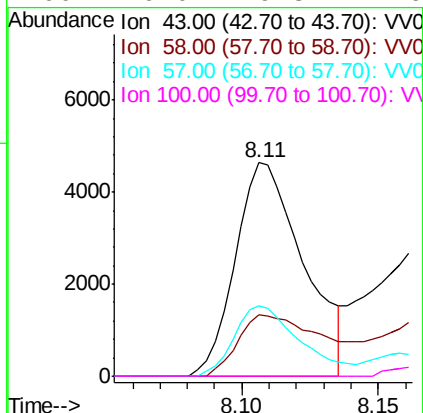
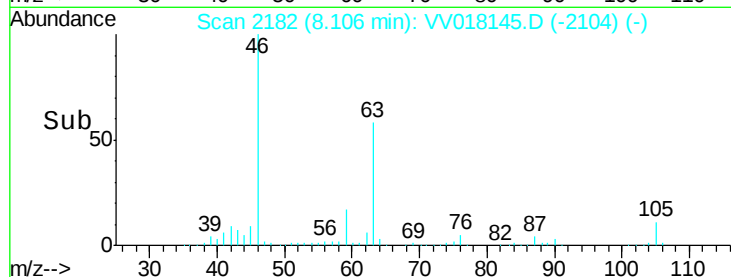
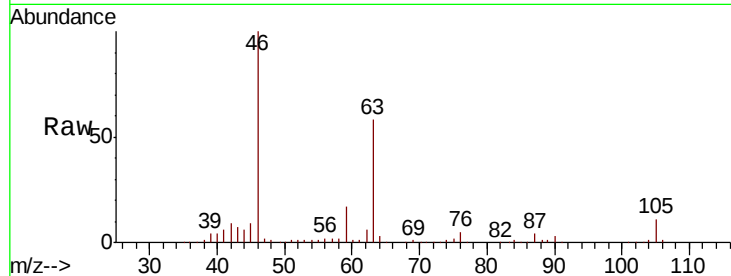
Ion Ratio Lower Upper

43 100

58 35.1 44.4 66.6#

57 32.2 15.2 22.8#

100 0.0 9.8 14.6#



#59

1,2,3-Trichloropropane

Concen: 5.332 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018145.D

Acq: 01 Sep 2020 14:33

Tgt Ion: 75 Resp: 14000

Ion Ratio Lower Upper

75 100

77 37.9 25.7 38.5

