

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111120\
 Data File : VV019340.D
 Acq On : 11 Nov 2020 17:13
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK96

Quant Time: Nov 12 00:50:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 00:41:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	234964	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	235904	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	113429	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102671	54.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.98%
7) Chloroethane-d5	1.58	69	82393	56.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.60%
11) 1,1-Dichloroethene-d2	2.12	63	147536	41.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.06%
21) 2-Butanone-d5	3.91	46	117191	102.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.47%
24) Chloroform-d	4.38	84	172461	49.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.30%
26) 1,2-Dichloroethane-d4	5.06	65	118796	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.16%
32) Benzene-d6	5.07	84	331585	49.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.10%
36) 1,2-Dichloropropane-d6	6.09	67	105748	53.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.00%
41) Toluene-d8	7.34	98	294135	45.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.52%
43) trans-1,3-Dichloropropene-	7.64	79	50279	43.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.10%
47) 2-Hexanone-d5	8.11	63	69262	80.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.15%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	123544	45.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	120573	50.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.18%

Target Compounds

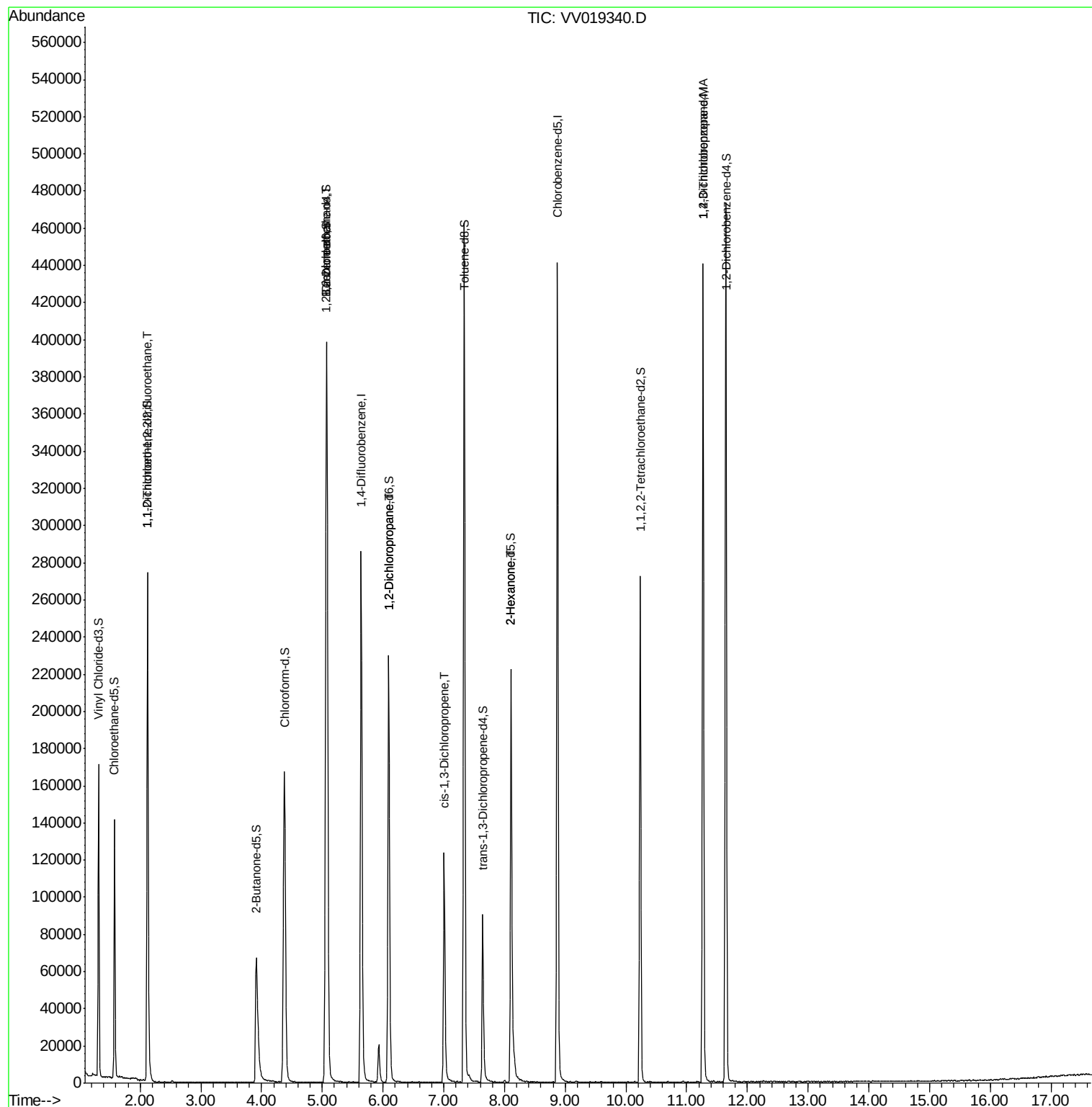
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1428	0.928 ug/L #	17
27) 1,2-Dichloroethane	5.07	62	2088	0.753 ug/L #	76
37) 1,2-Dichloropropane	6.09	63	12285	7.273 ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	3451	1.237 ug/L	85
48) 2-Hexanone	8.11	43	10031	5.416 ug/L #	73
59) 1,2,3-Trichloropropane	11.27	75	12245	5.545 ug/L #	87

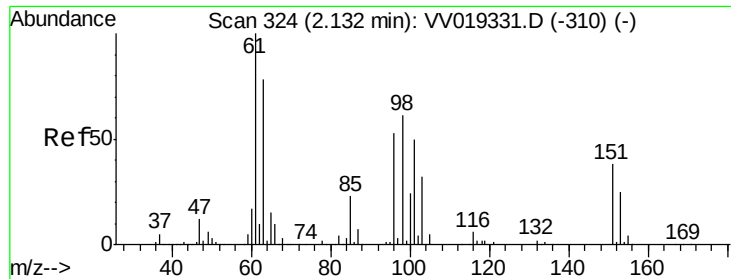
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.928 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019340.D

Acq: 11 Nov 2020 17:13

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MSVOA_V

ClientSampleId :

VIBLK96

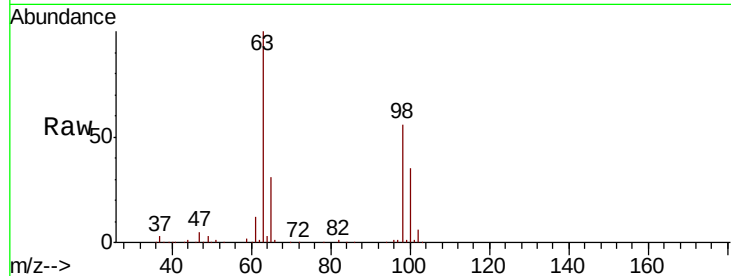
Tot Ion:101 Resp: 1428

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

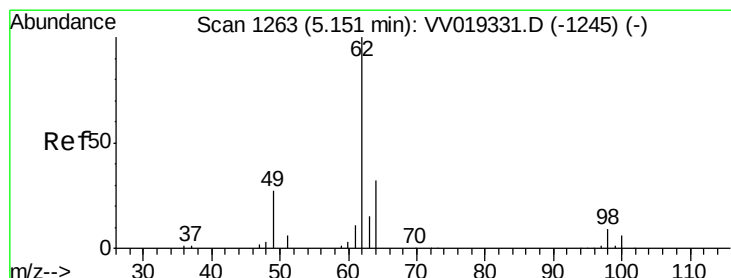
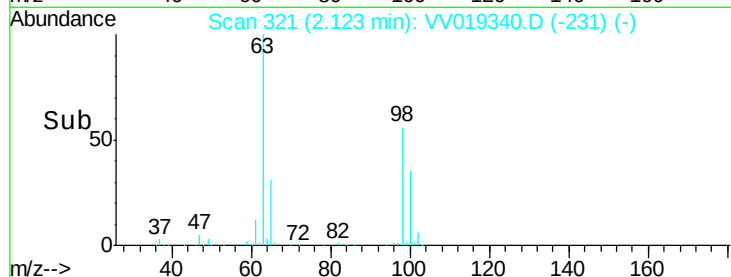
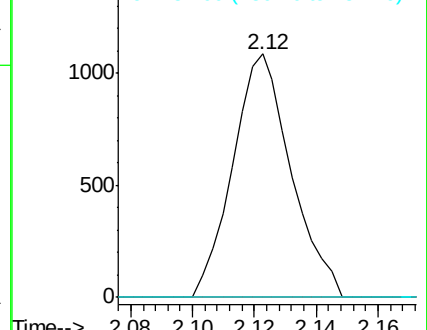
151 0.0 65.0 97.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#27

1,2-Dichloroethane

Concen: 0.753 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV019340.D

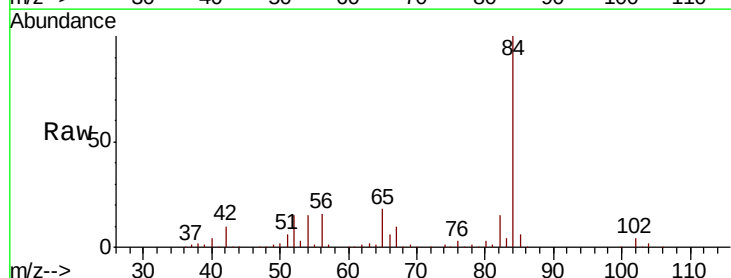
Acq: 11 Nov 2020 17:13

Tgt Ion: 62 Resp: 2088

Ion Ratio Lower Upper

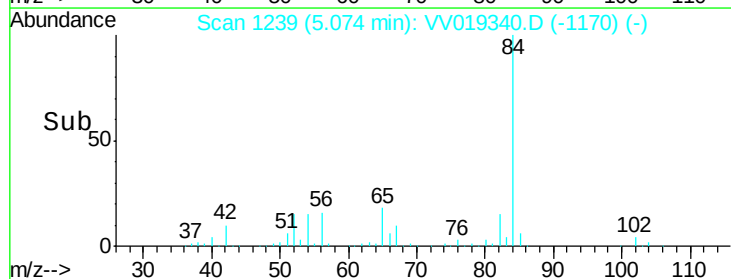
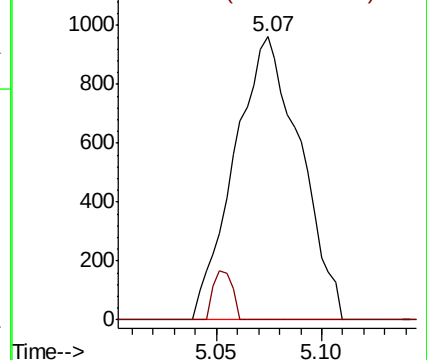
62 100

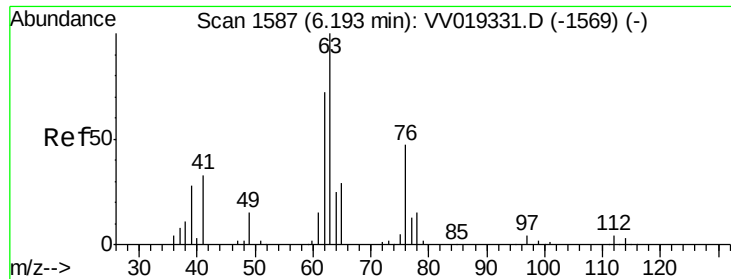
98 0.0 6.8 10.2#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

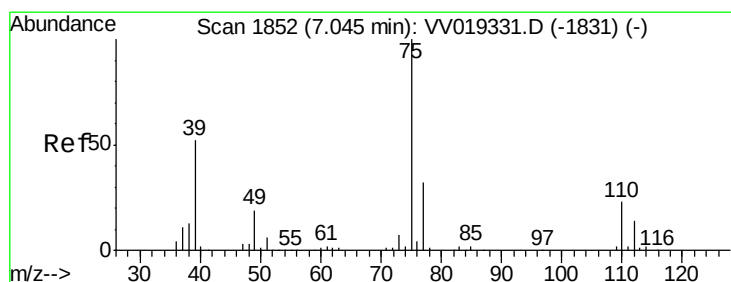
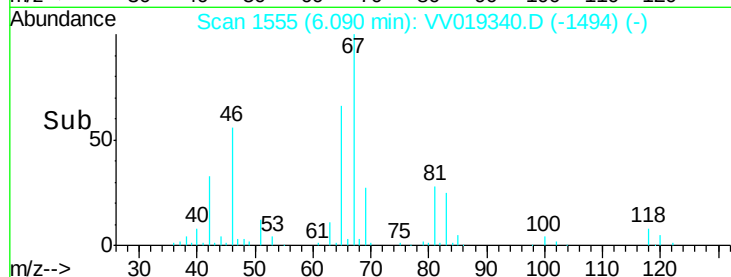
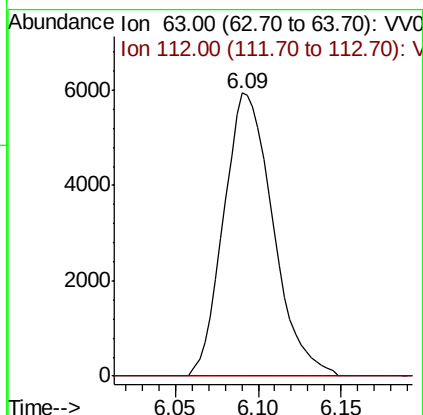
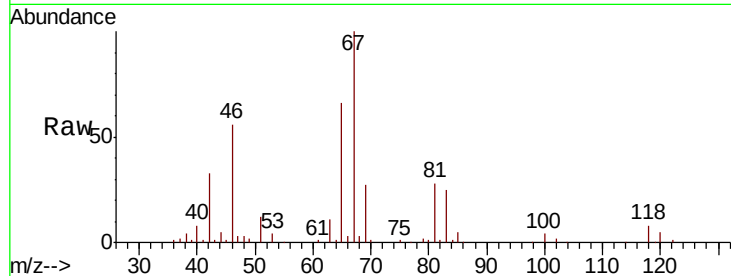




#37
 1,2-Dichloropropane
 Concen: 7.273 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.10 min
 Lab File: VV019340.D
 Acq: 11 Nov 2020 17:13

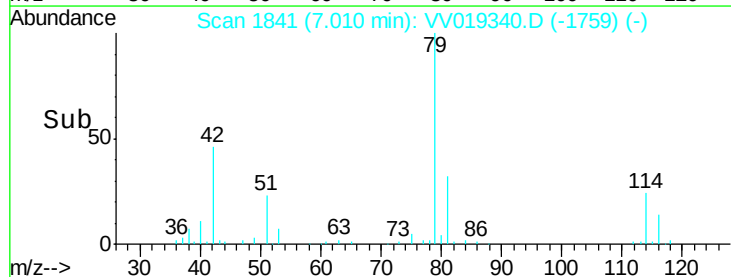
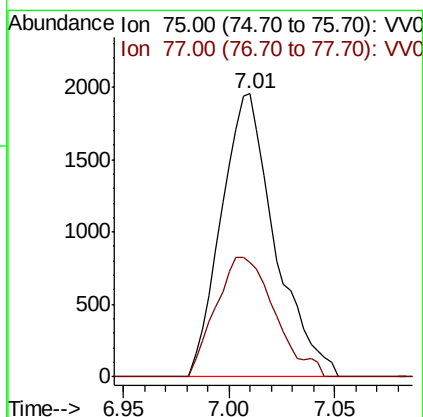
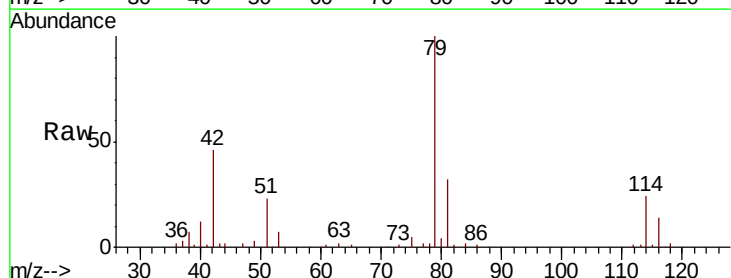
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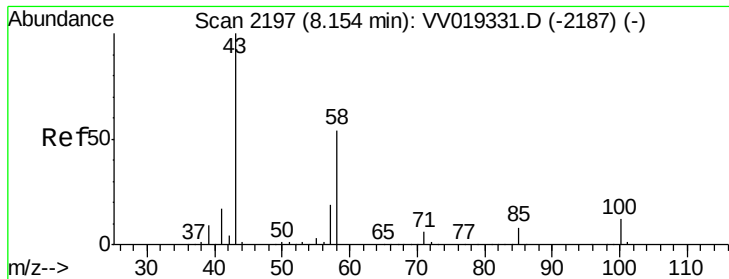
Tot Ion: 63 Resp: 12285
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 1.237 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV019340.D
 Acq: 11 Nov 2020 17:13

Tgt Ion: 75 Resp: 3451
 Ion Ratio Lower Upper
 75 100
 77 40.6 22.7 42.1





#48

2-Hexanone

Concen: 5.416 ug/L

RT: 8.11 min Scan# 2182

Delta R.T. -0.05 min

Lab File: VV019340.D

Acq: 11 Nov 2020 17:13

Instrument :

MSVOA_V

ClientSampleId :

VIBLK96

Tot Ion: 43 Resp: 10031

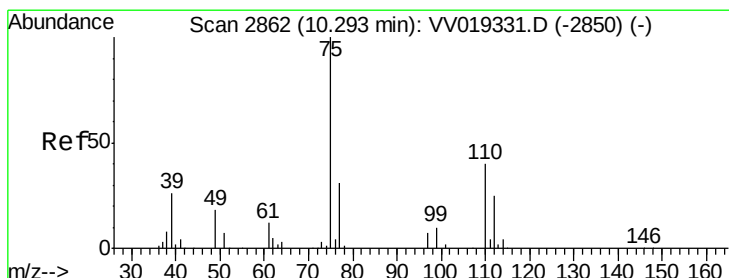
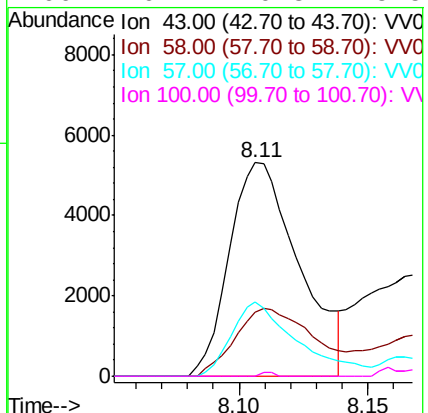
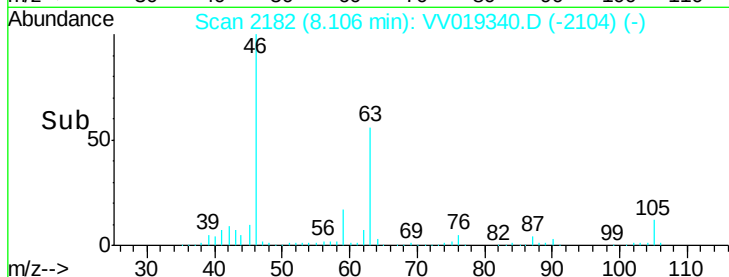
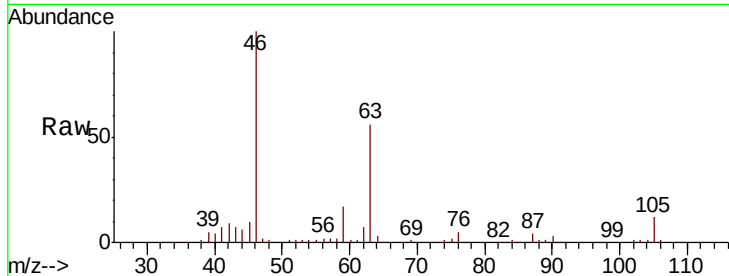
Ion Ratio Lower Upper

43 100

58 35.5 43.6 65.4#

57 32.9 16.0 24.0#

100 0.4 10.3 15.5#



#59

1,2,3-Trichloropropane

Concen: 5.545 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019340.D

Acq: 11 Nov 2020 17:13

Tgt Ion: 75 Resp: 12245

Ion Ratio Lower Upper

75 100

77 40.1 26.2 39.4#

