

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061020\
 Data File : VV016771.D
 Acq On : 10 Jun 2020 16:02
 Operator : SY/MD
 Sample : L2914-14 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E26DL

Quant Time: Jun 11 01:08:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 01:04:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	357498	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	332103	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	175081	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	121100	48.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.02%
7) Chloroethane-d5	1.54	69	56373	37.24	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.48%
11) 1,1-Dichloroethene-d2	2.11	63	138616	32.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.44%
21) 2-Butanone-d5	3.90	46	165468	88.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.63%
24) Chloroform-d	4.37	84	213351	41.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.18%
26) 1,2-Dichloroethane-d4	5.05	65	156776	44.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.88%
32) Benzene-d6	5.07	84	425930	44.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.98%
36) 1,2-Dichloropropane-d6	6.09	67	133342	44.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.36%
41) Toluene-d8	7.33	98	385588	43.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.78%
43) trans-1,3-Dichloropropene-	7.64	79	65776	42.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.64%
47) 2-Hexanone-d5	8.11	63	105843	81.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.36%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	179348	45.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	172401	46.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.28%

Target Compounds

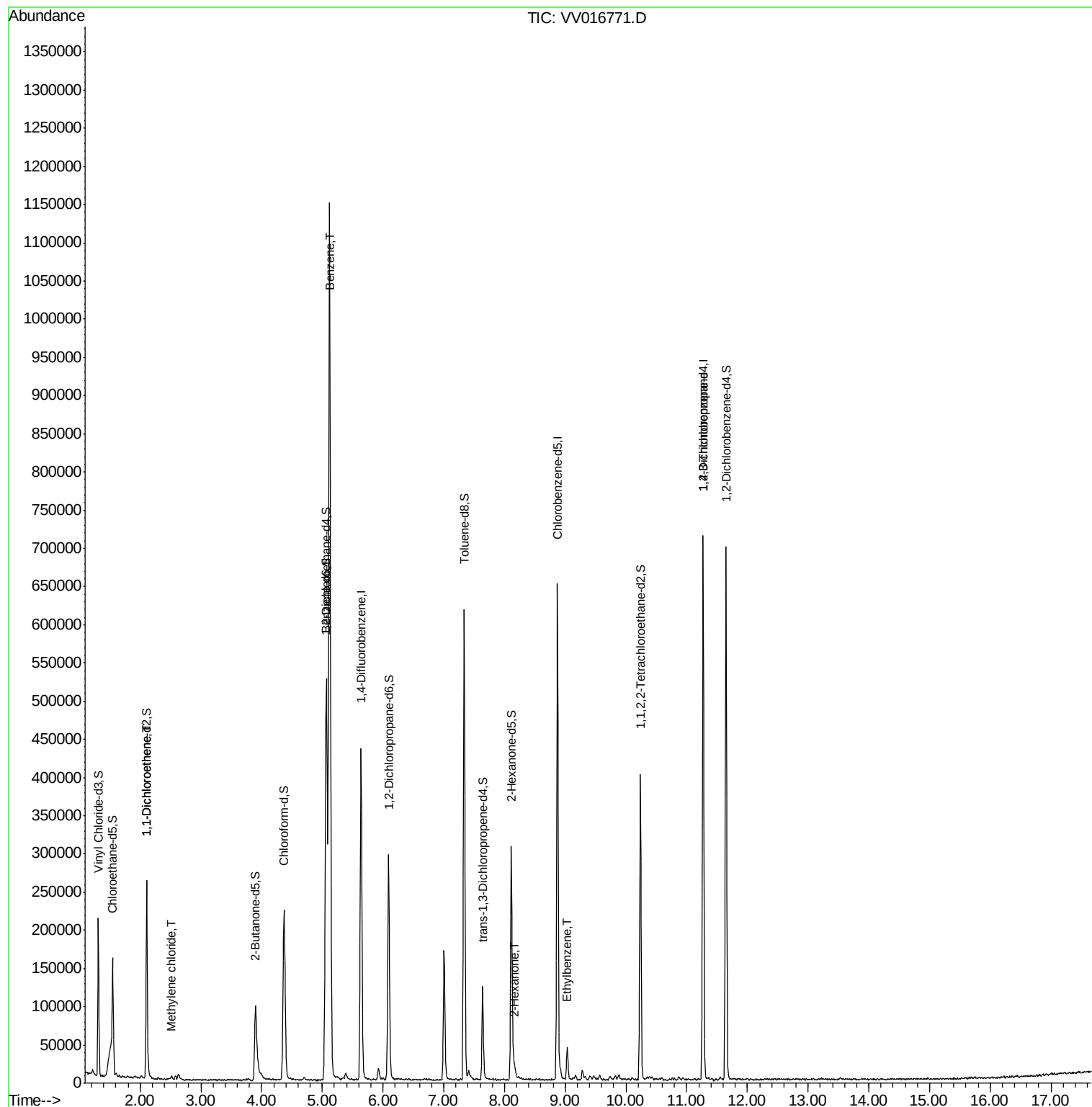
					Ovalue
12) 1,1-Dichloroethene	2.11	96	1497	0.844 ug/L #	1
16) Methylene chloride	2.52	84	1901	0.730 ug/L	92
33) Benzene	5.12	78	1099336	111.881 ug/L	100
48) 2-Hexanone	8.17	43	8699	3.098 ug/L #	85
52) Ethylbenzene	9.03	91	28349	2.471 ug/L	93
59) 1,2,3-Trichloropropane	11.27	75	21416	6.755 ug/L	94

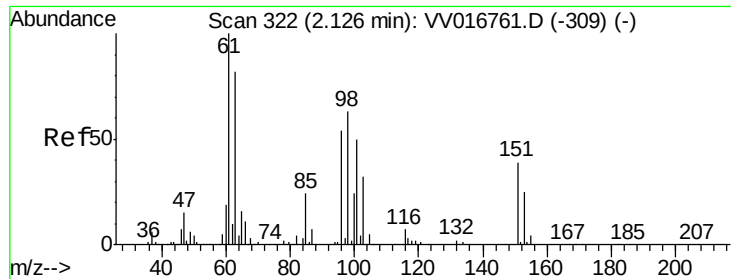
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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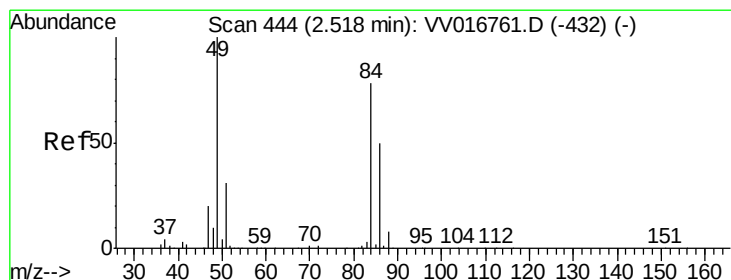
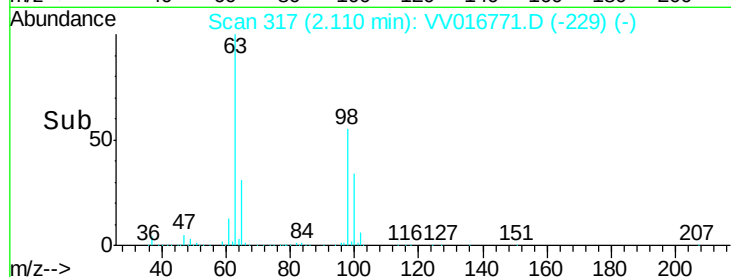
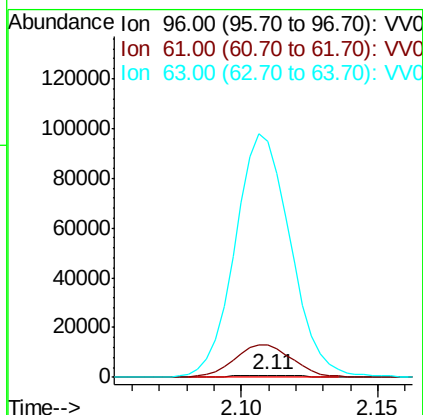
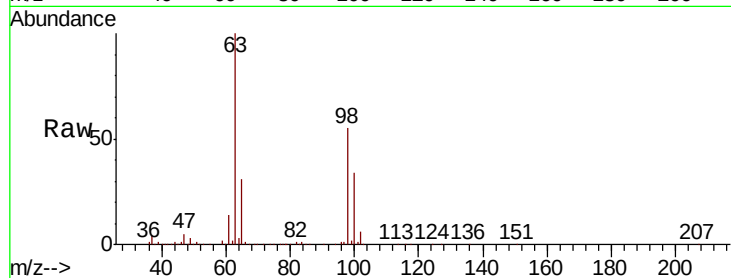




#12
 1,1-Dichloroethene
 Concen: 0.844 ug/L
 RT: 2.11 min Scan# 317
 Delta R.T. -0.02 min
 Lab File: VV016771.D
 Acq: 10 Jun 2020 16:02

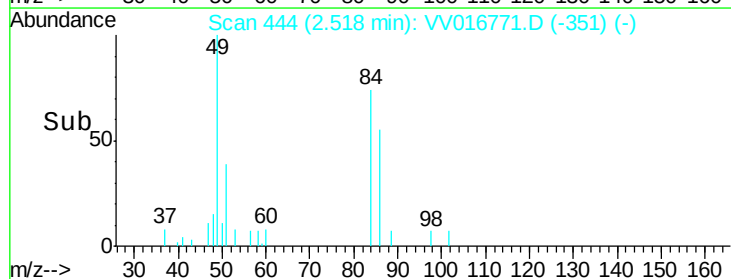
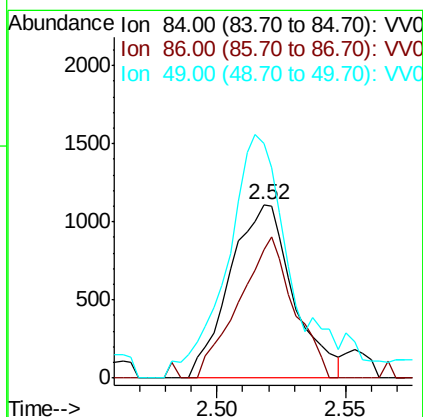
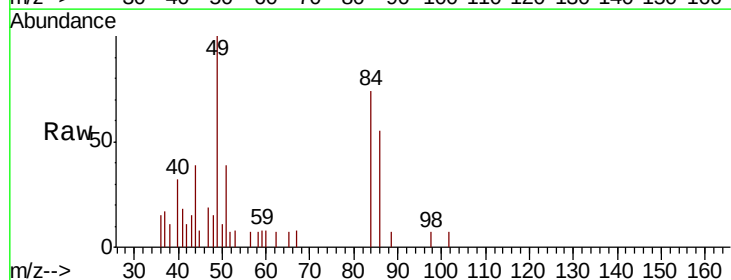
Instrument :
 MSVOA_V
 ClientSampleId :
 F9E26DL

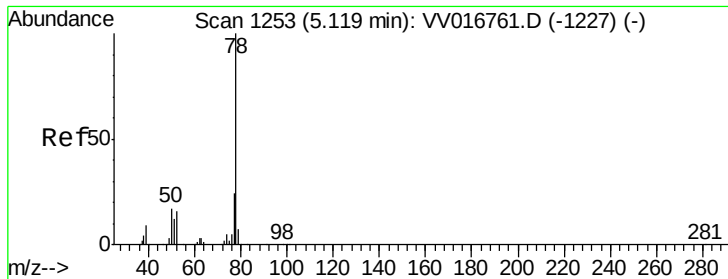
Tot Ion: 96 Resp: 1497
 Ion Ratio Lower Upper
 96 100
 61 1427.6 130.4 242.2#
 63 10525.3 103.3 191.9#



#16
 Methylene chloride
 Concen: 0.730 ug/L
 RT: 2.52 min Scan# 444
 Delta R.T. 0.00 min
 Lab File: VV016771.D
 Acq: 10 Jun 2020 16:02

Tgt Ion: 84 Resp: 1901
 Ion Ratio Lower Upper
 84 100
 86 74.0 44.0 81.8
 49 135.5 90.9 168.9





#33

Benzene

Concen: 111.881 ug/L

RT: 5.12 min Scan# 1253

Delta R.T. 0.00 min

Lab File: VV016771.D

Acq: 10 Jun 2020 16:02

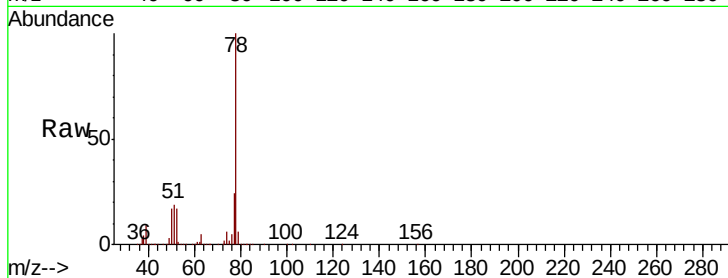
Instrument :

MSVOA_V

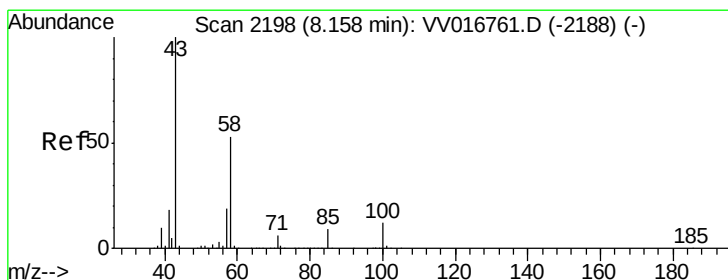
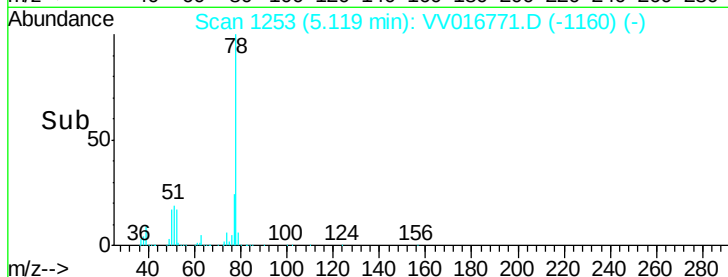
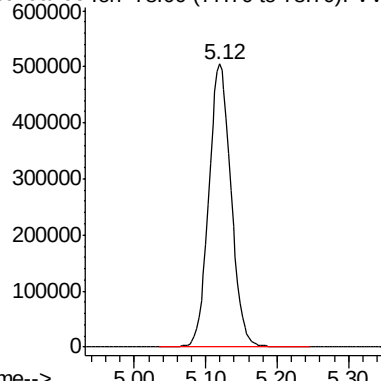
ClientSampleId :

F9E26DL

Tgt Ion: 78 Resp: 1099336



Abundance Ion 78.00 (77.70 to 78.70): VV0



#48

2-Hexanone

Concen: 3.098 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV016771.D

Acq: 10 Jun 2020 16:02

Tgt Ion: 43 Resp: 8699

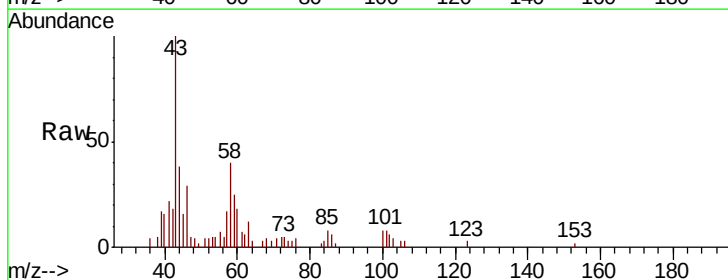
Ion Ratio Lower Upper

43 100

58 43.2 43.1 64.7

57 14.5 15.3 22.9#

100 4.0 10.0 15.0#

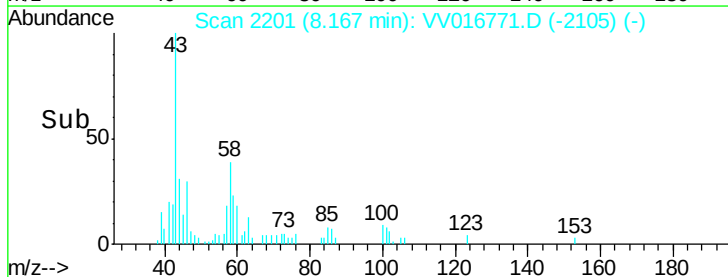
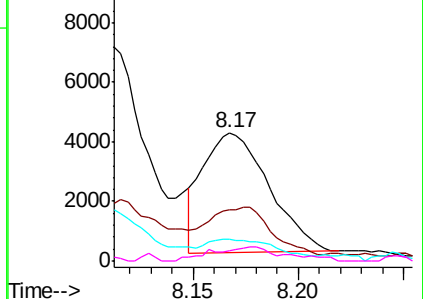


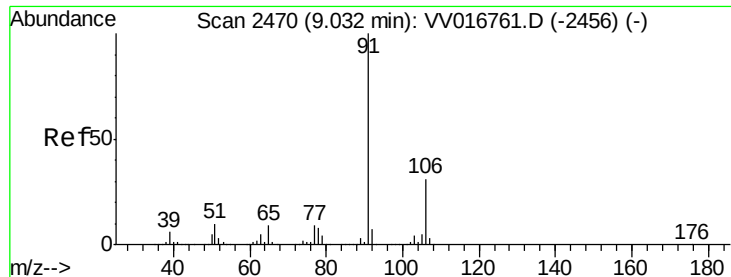
Abundance Ion 43.00 (42.70 to 43.70): VV0

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





#52

Ethylbenzene

Concen: 2.471 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VV016771.D

Acq: 10 Jun 2020 16:02

Instrument :

MSVOA_V

ClientSampleId :

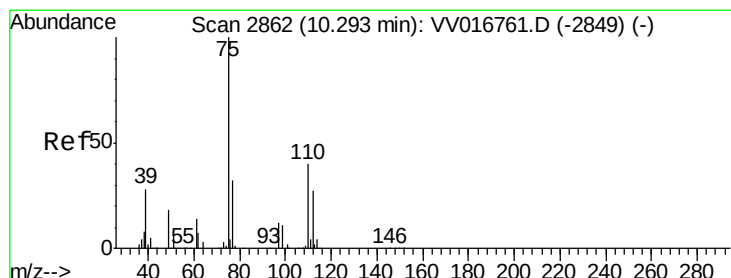
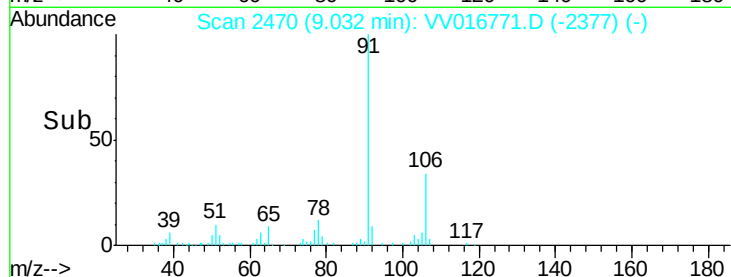
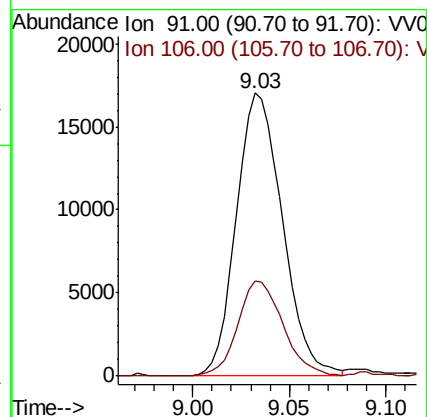
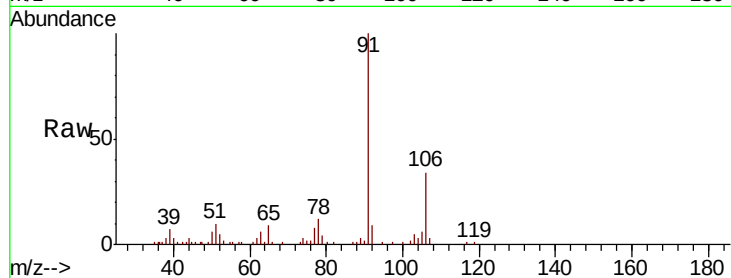
F9E26DL

Tot Ion: 91 Resp: 28349

Ion Ratio Lower Upper

91 100

106 33.8 21.1 39.1



#59

1,2,3-Trichloropropane

Concen: 6.755 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV016771.D

Acq: 10 Jun 2020 16:02

Tgt Ion: 75 Resp: 21416

Ion Ratio Lower Upper

75 100

77 36.1 26.1 39.1

