

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061020\
 Data File : VV016801.D
 Acq On : 11 Jun 2020 04:21
 Operator : SY/MD
 Sample : L2848-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG2

Quant Time: Jun 11 06:42:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 04:06:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	307336	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	294513	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	143222	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	92869	42.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.64%
7) Chloroethane-d5	1.56	69	66967	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.92%
11) 1,1-Dichloroethene-d2	2.12	63	129804	35.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.28%
21) 2-Butanone-d5	3.89	46	155192	96.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.69%
24) Chloroform-d	4.37	84	204522	46.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.76%
26) 1,2-Dichloroethane-d4	5.05	65	147907	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.62%
32) Benzene-d6	5.07	84	402819	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.90%
36) 1,2-Dichloropropane-d6	6.09	67	121773	46.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.04%
41) Toluene-d8	7.34	98	359775	46.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.36%
43) trans-1,3-Dichloropropene-	7.64	79	59015	42.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.64%
47) 2-Hexanone-d5	8.11	63	87384	75.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.74%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	159630	45.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	156794	51.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

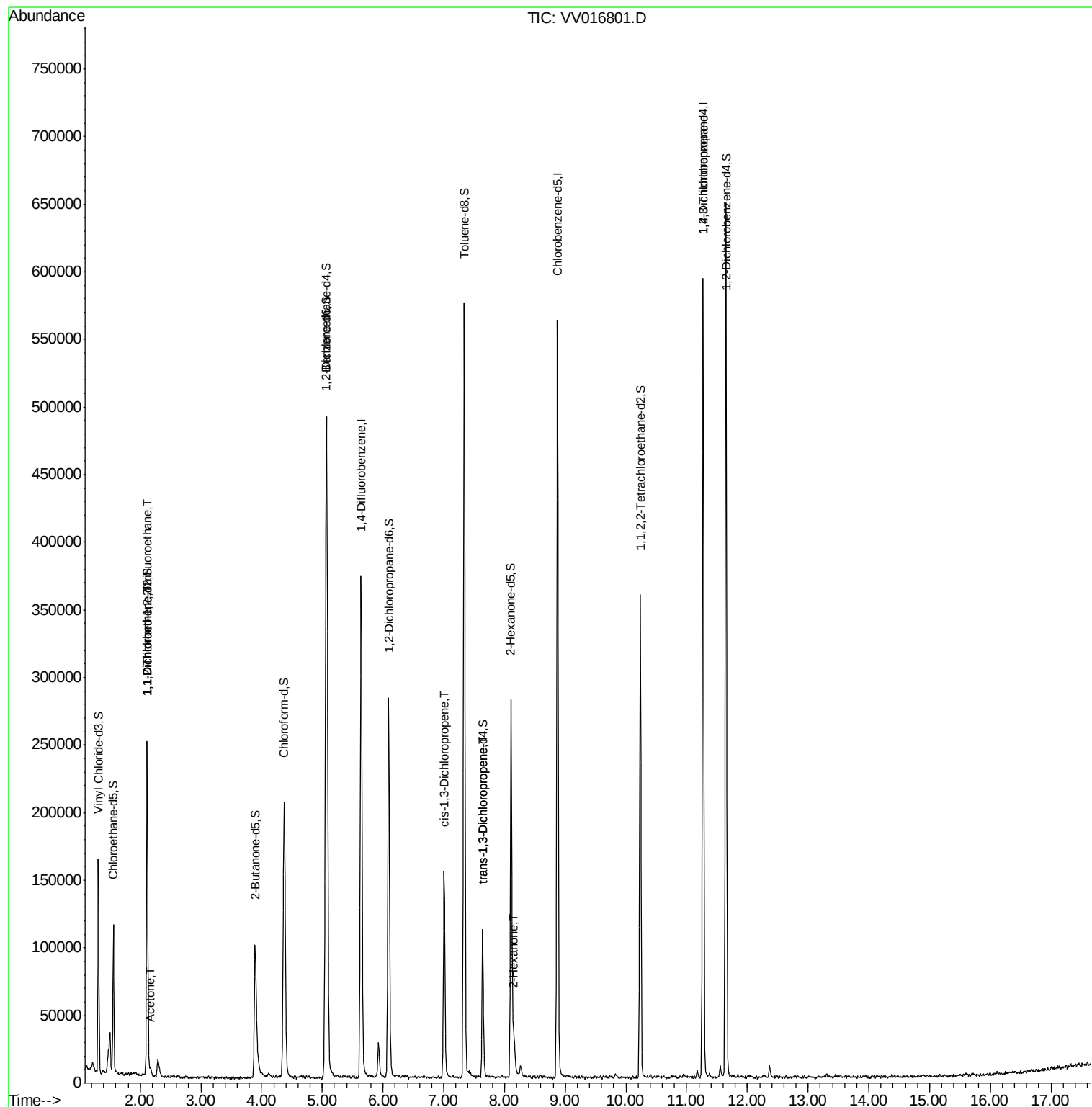
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1214	0.743 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1244	0.816 ug/L #	1
13) Acetone	2.17	43	5658	5.350 ug/L	90
39) cis-1,3-Dichloropropene	7.01	75	4031	1.145 ug/L #	53
44) trans-1,3-Dichloropropene	7.64	75	3398	0.993 ug/L	97
48) 2-Hexanone	8.16	43	15670	6.294 ug/L #	89
59) 1,2,3-Trichloropropane	11.27	75	17542	6.239 ug/L	89

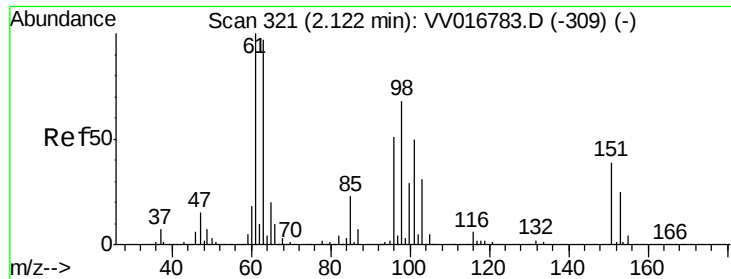
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.743 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016801.D

Acq: 11 Jun 2020 04:21

Instrument :

MSVOA_V

ClientSampleId :

C0AG2

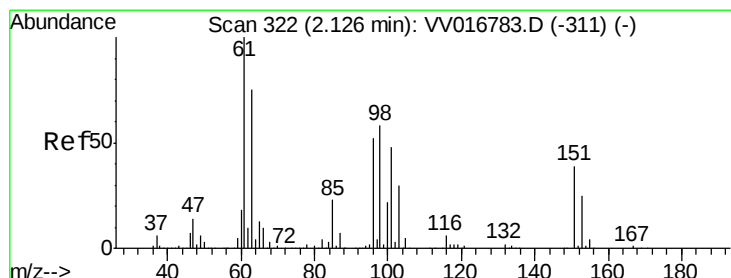
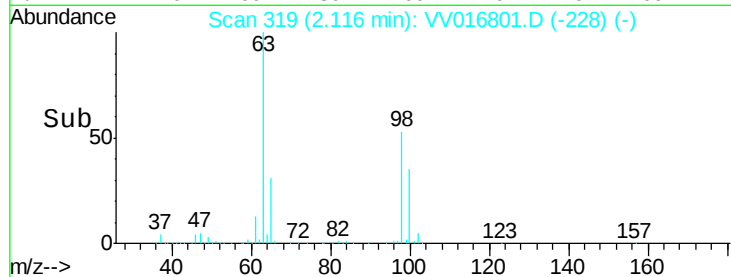
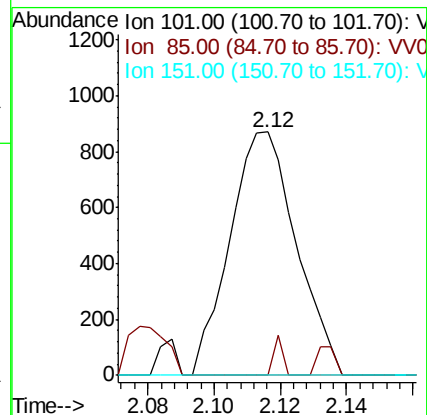
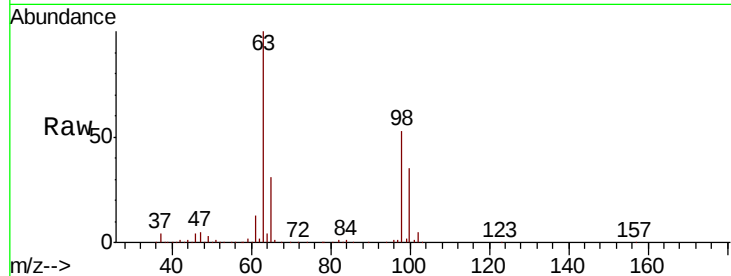
Tot Ion:101 Resp: 1214

Ion Ratio Lower Upper

101 100

85 3.2 35.5 53.3#

151 0.0 63.9 95.9#



#12

1,1-Dichloroethene

Concen: 0.816 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016801.D

Acq: 11 Jun 2020 04:21

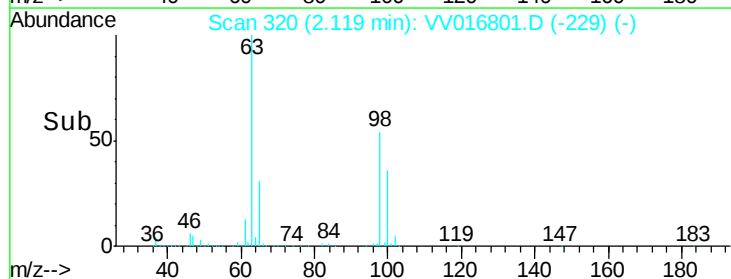
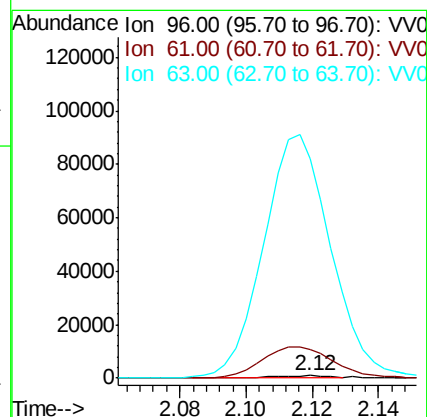
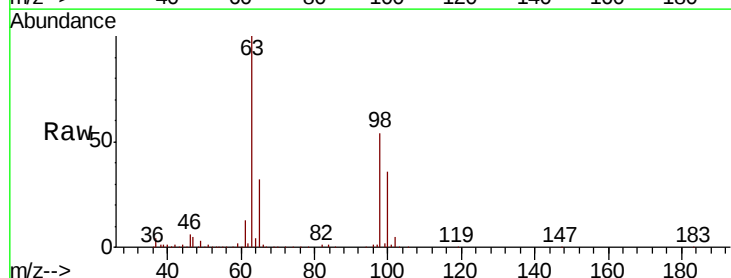
Tgt Ion: 96 Resp: 1244

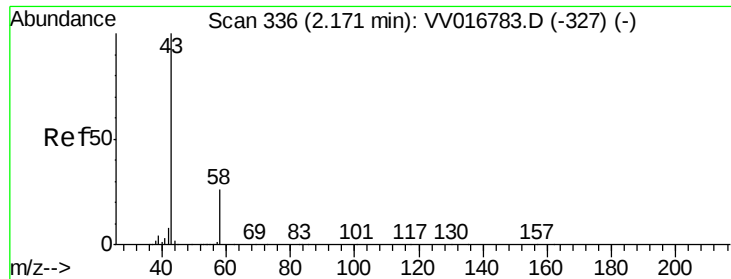
Ion Ratio Lower Upper

96 100

61 1217.1 130.4 242.2#

63 9253.5 103.3 191.9#





#13

Acetone

Concen: 5.350 ug/L

RT: 2.17 min Scan# 335

Delta R.T. -0.00 min

Lab File: VV016801.D

Acq: 11 Jun 2020 04:21

Instrument :

MSVOA_V

ClientSampleId :

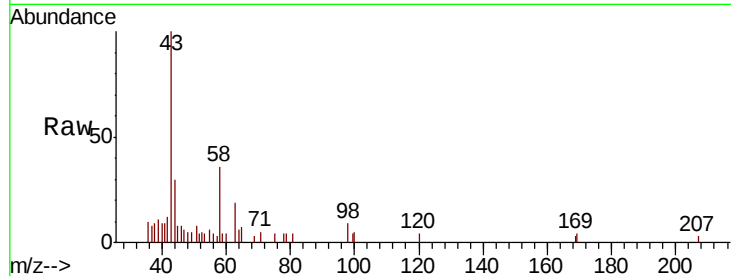
C0AG2

Tot Ion: 43 Resp: 5658

Ion Ratio Lower Upper

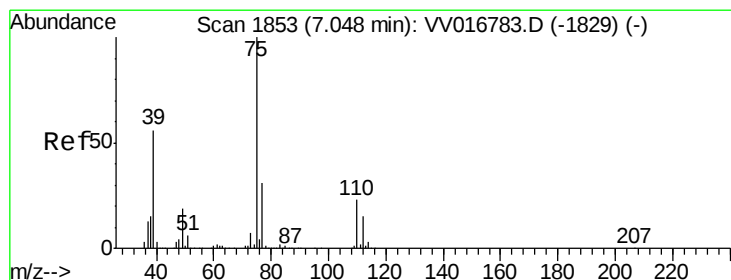
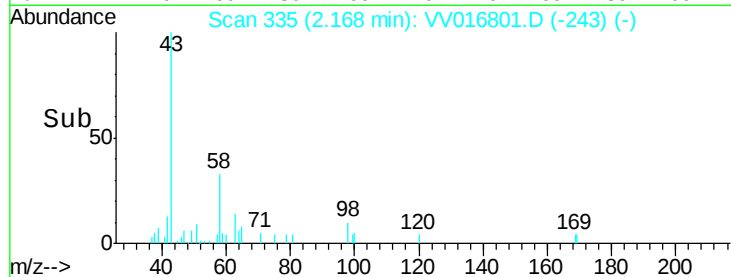
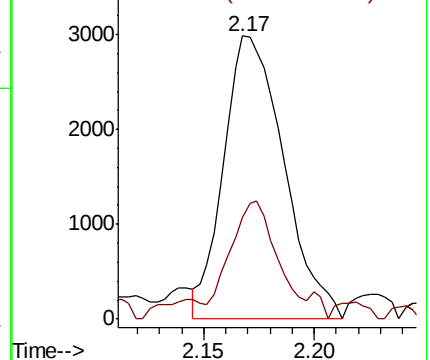
43 100

58 32.6 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 1.145 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV016801.D

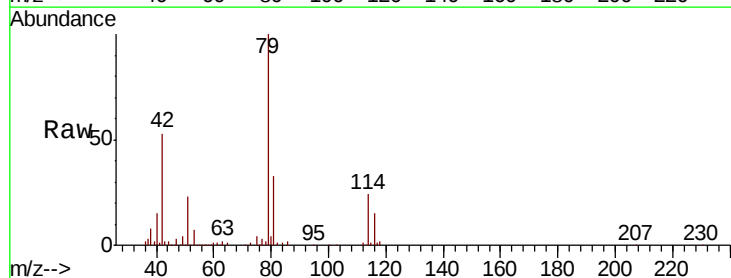
Acq: 11 Jun 2020 04:21

Tgt Ion: 75 Resp: 4031

Ion Ratio Lower Upper

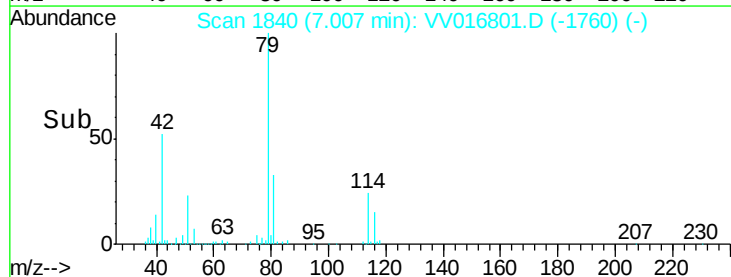
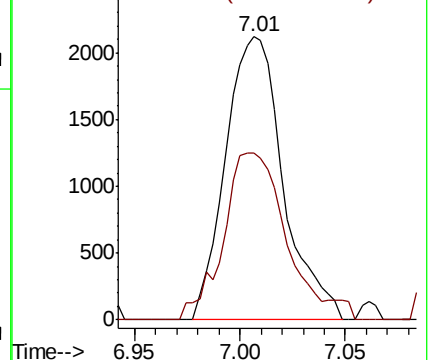
75 100

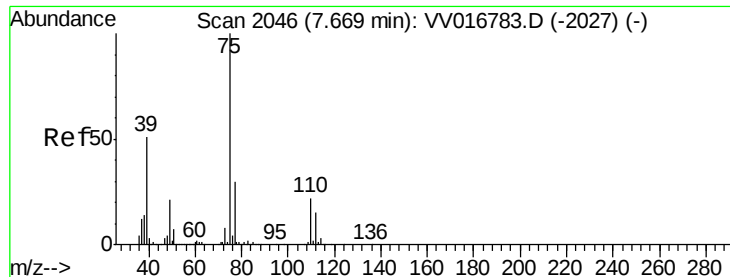
77 58.8 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.993 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV016801.D

Acq: 11 Jun 2020 04:21

Instrument :

MSVOA_V

ClientSampleId :

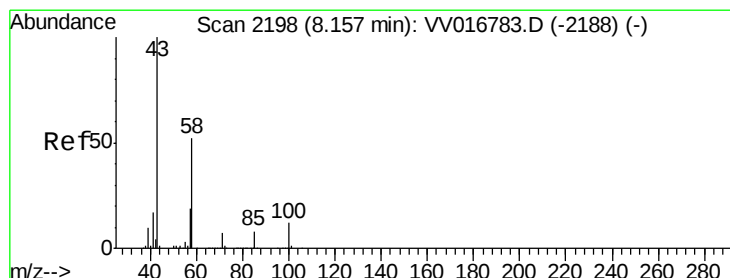
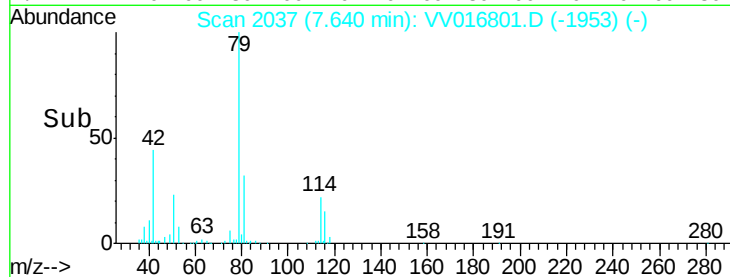
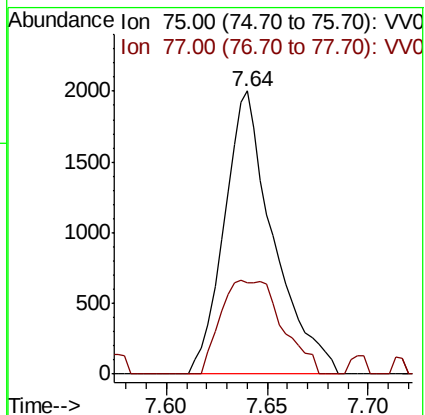
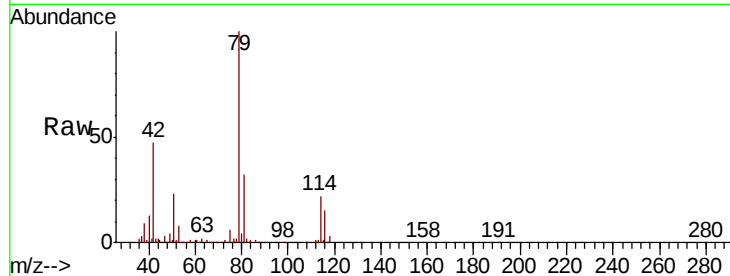
C0AG2

Tot Ion: 75 Resp: 3398

Ion Ratio Lower Upper

75 100

77 32.4 21.7 40.3



#48

2-Hexanone

Concen: 6.294 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV016801.D

Acq: 11 Jun 2020 04:21

Tgt Ion: 43 Resp: 15670

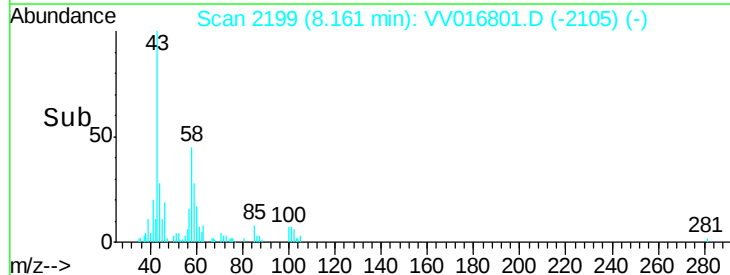
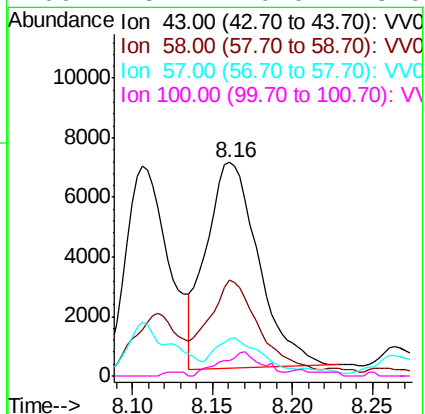
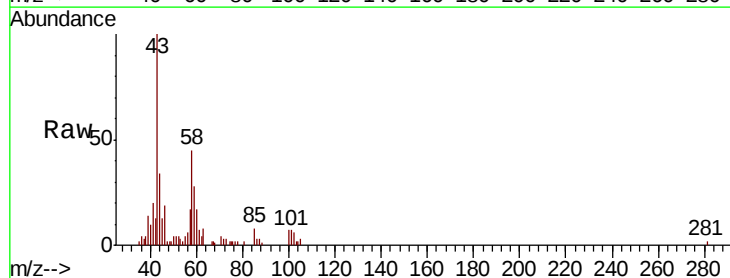
Ion Ratio Lower Upper

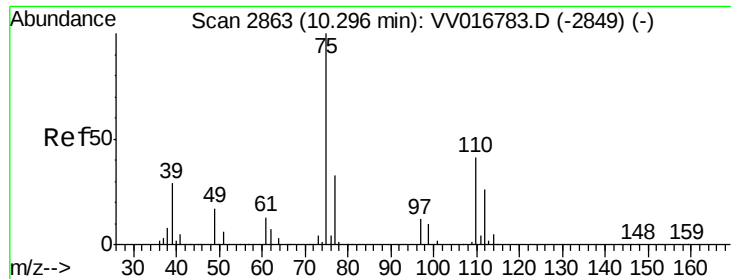
43 100

58 46.8 43.1 64.7

57 12.1 15.3 22.9#

100 8.2 10.0 15.0#





#59

1,2,3-Trichloropropane

Concen: 6.239 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016801.D

Acq: 11 Jun 2020 04:21

Instrument :

MSVOA_V

ClientSampleId :

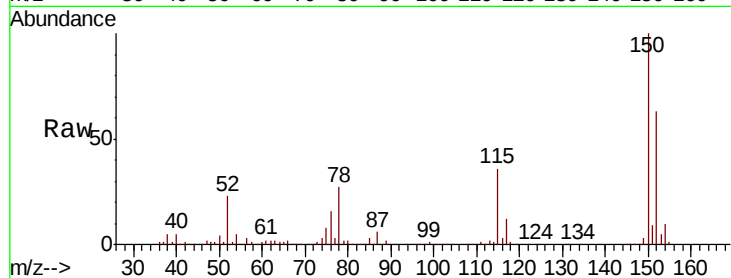
C0AG2

Tot Ion: 75 Resp: 17542

Ion Ratio Lower Upper

75 100

77 38.8 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

