

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110520\
 Data File : VV019245.D
 Acq On : 04 Nov 2020 13:36
 Operator : SY/MD
 Sample : L4615-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 05 02:28:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 05 02:20:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	192077	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	188245	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	93347	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96870	63.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	126.92%
7) Chloroethane-d5	1.58	69	79818	67.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	134.62%#
11) 1,1-Dichloroethene-d2	2.12	63	149734	51.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.12%
21) 2-Butanone-d5	3.90	46	110181	117.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.85%
24) Chloroform-d	4.37	84	171589	60.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.86%
26) 1,2-Dichloroethane-d4	5.05	65	122361	61.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	123.68%
32) Benzene-d6	5.07	84	336613	63.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	126.08%#
36) 1,2-Dichloropropane-d6	6.09	67	101223	63.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	127.14%#
41) Toluene-d8	7.34	98	307510	59.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.90%
43) trans-1,3-Dichloropropene-	7.64	79	54580	59.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	118.48%
47) 2-Hexanone-d5	8.11	63	71350	103.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.48%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	117484	54.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.46%
64) 1,2-Dichlorobenzene-d4	11.65	152	128265	65.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	130.80%#

Target Compounds

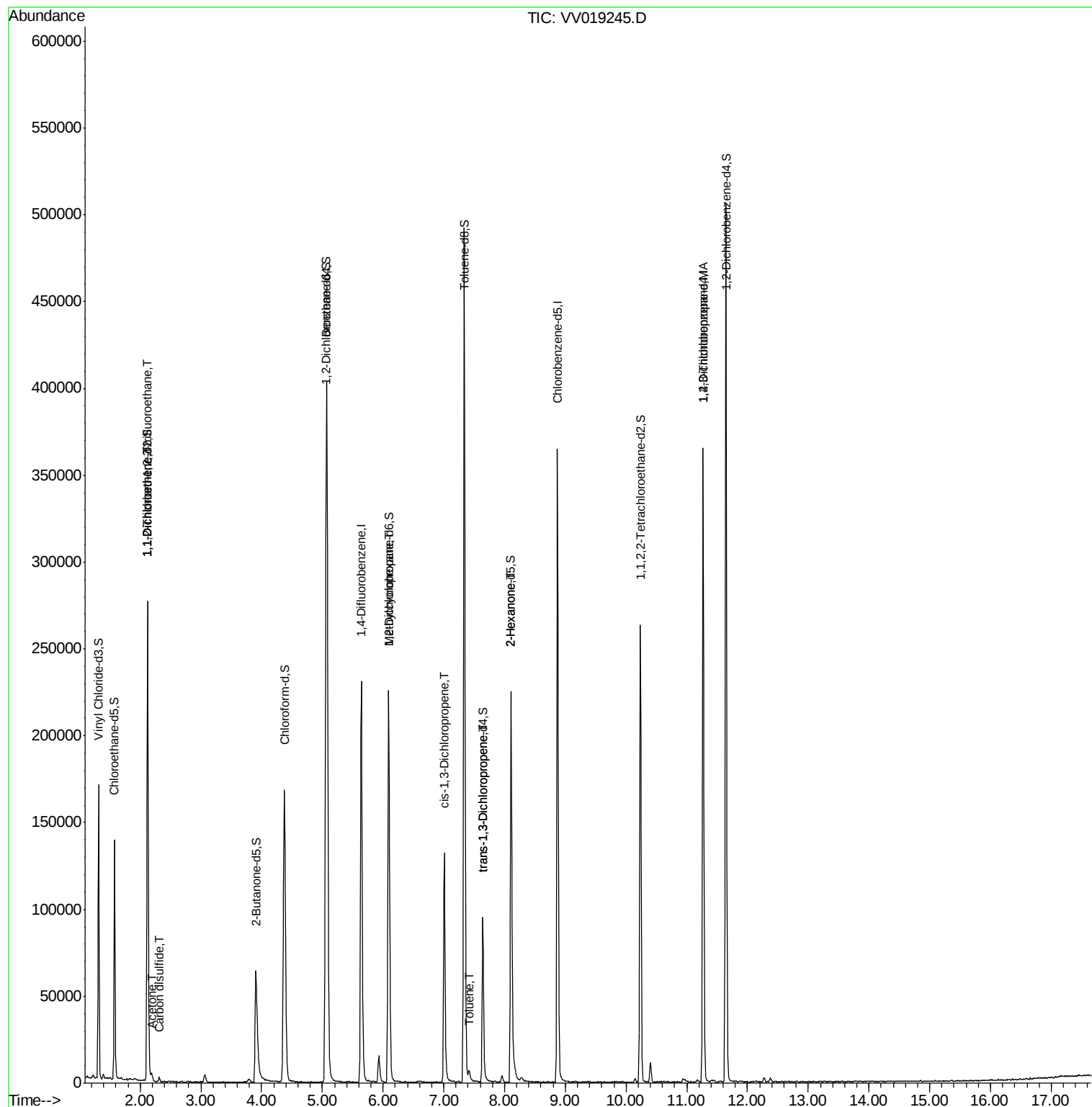
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1231	0.979	ug/L #	17
12) 1,1-Dichloroethene	2.12	96	1149	0.933	ug/L #	1
13) Acetone	2.19	43	5596	6.443	ug/L	97
14) Carbon disulfide	2.31	76	2820	0.720	ug/L	97
35) Methylcyclohexane	6.09	83	25982	12.944	ug/L #	18
39) cis-1,3-Dichloropropene	7.01	75	3359	1.509	ug/L #	61
42) Toluene	7.41	91	4526	0.761	ug/L	95
44) trans-1,3-Dichloropropene	7.64	75	2482	1.072	ug/L	96
48) 2-Hexanone	8.11	43	9992	6.761	ug/L #	70
59) 1,2,3-Trichloropropane	11.27	75	10189	5.782	ug/L #	88

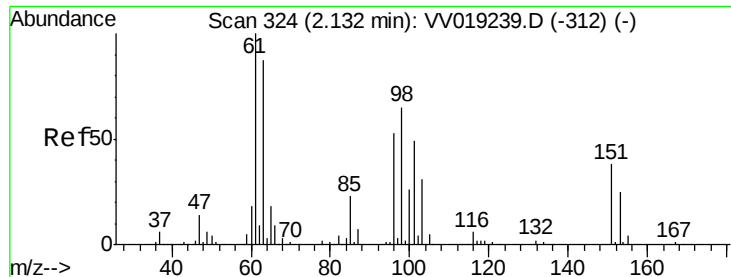
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 05 02:20:23 2020
Response via : Initial Calibration





#10

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

Concen: 0.979 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019245.D

Acq: 04 Nov 2020 13:36

Instrument :

MSVOA_V

ClientSampled :

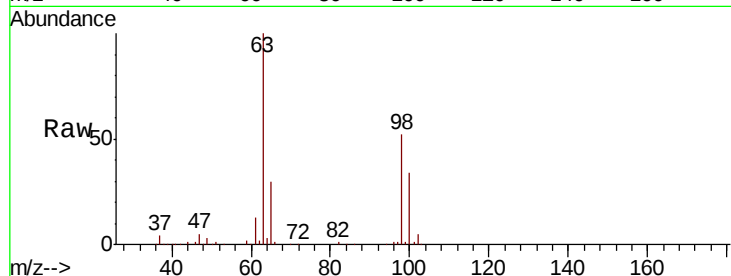
Tot Ion:101 Resp: 1231

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

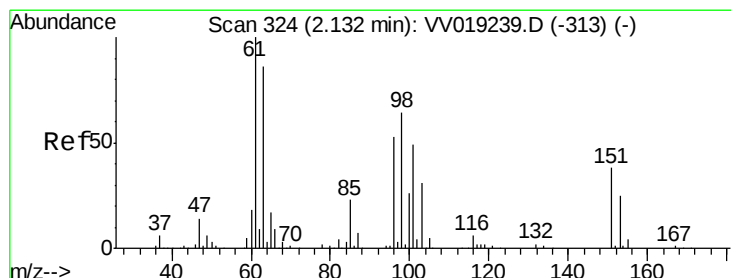
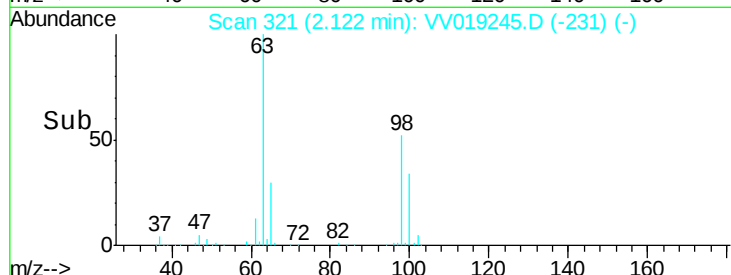
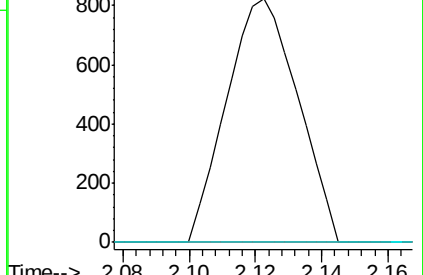
151 0.0 65.0 97.4#



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



#12

1,1-Dichloroethene

Concen: 0.933 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019245.D

Acq: 04 Nov 2020 13:36

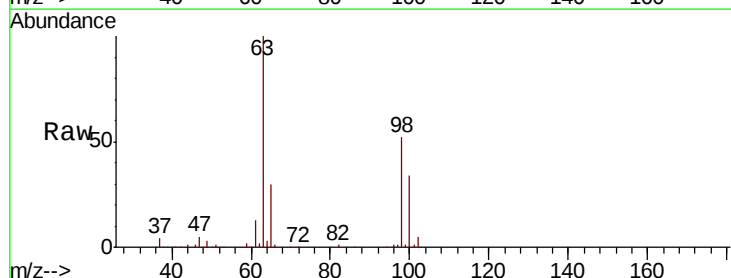
Tgt Ion: 96 Resp: 1149

Ion Ratio Lower Upper

96 100

61 1718.5 132.6 246.2#

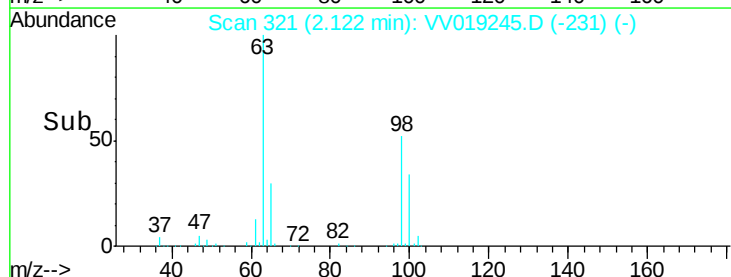
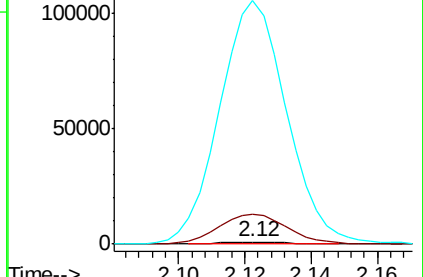
63 13726.9 108.4 201.4#

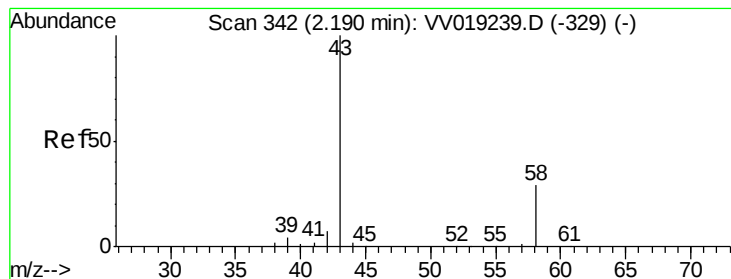


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 6.443 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV019245.D

Acq: 04 Nov 2020 13:36

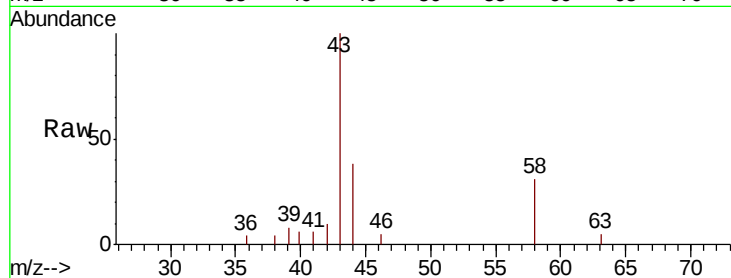
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 5596

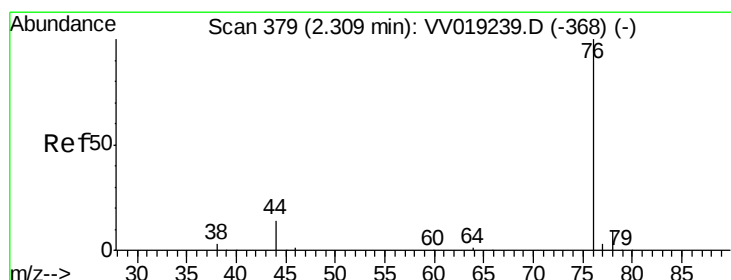
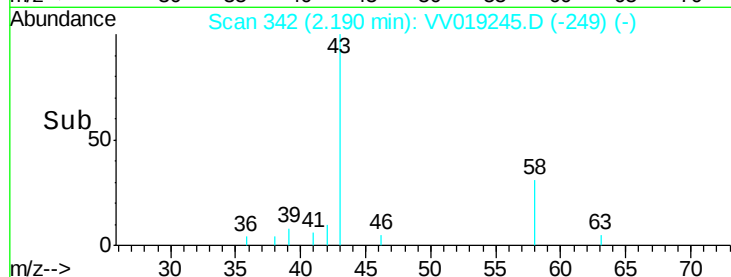
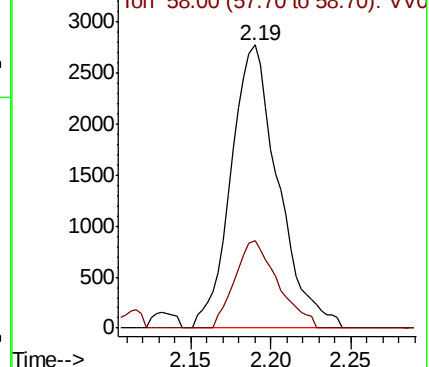
Ion Ratio Lower Upper

43 100

58 28.3 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV019239.D (-329) (-)



#14

Carbon disulfide

Concen: 0.720 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV019245.D

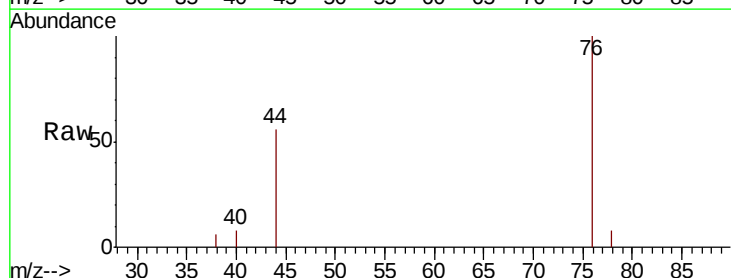
Acq: 04 Nov 2020 13:36

Tgt Ion: 76 Resp: 2820

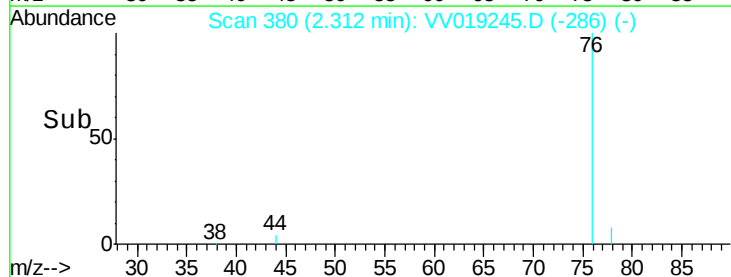
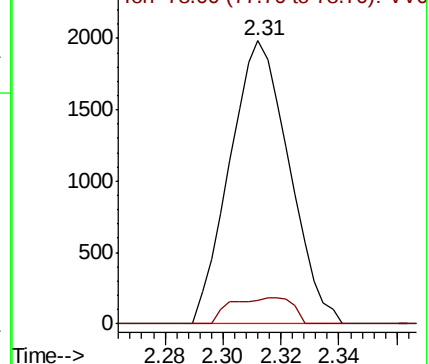
Ion Ratio Lower Upper

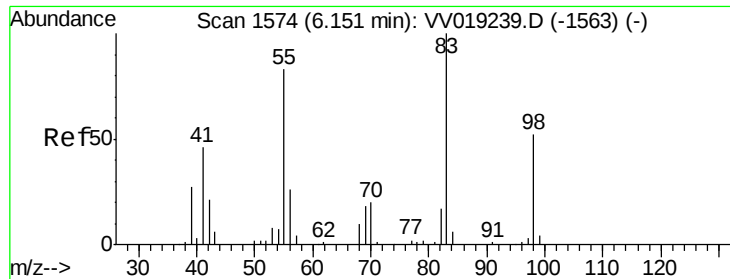
76 100

78 8.2 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VV019239.D (-368) (-)

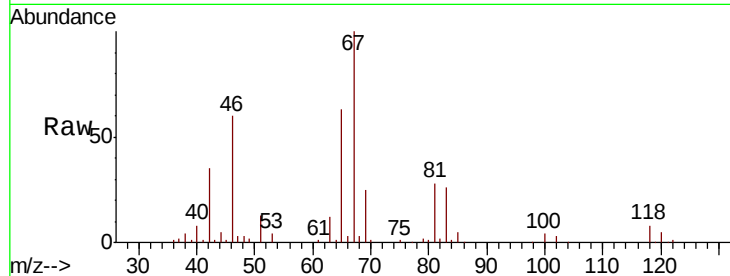




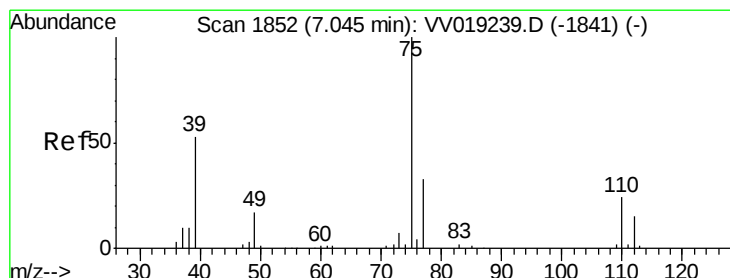
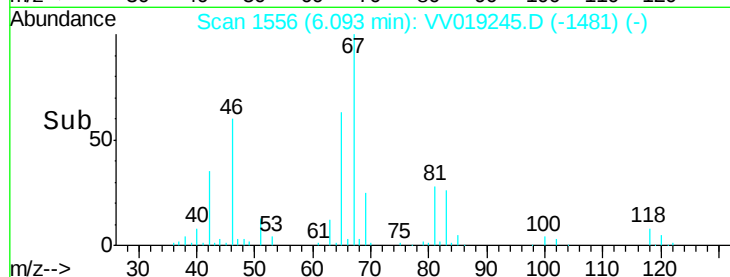
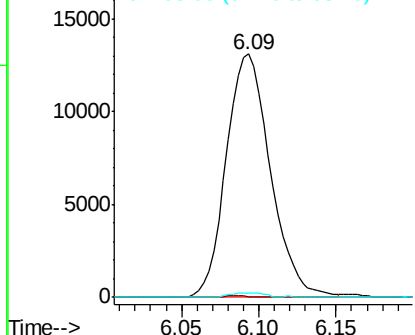
#35
Methylcyclohexane
Concen: 12.944 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV019245.D
Acq: 04 Nov 2020 13:36

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 25982
Ion Ratio Lower Upper
83 100
55 0.2 62.2 93.4#
98 1.4 39.4 59.2#

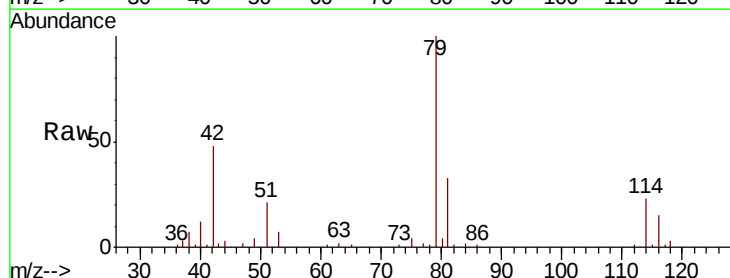


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

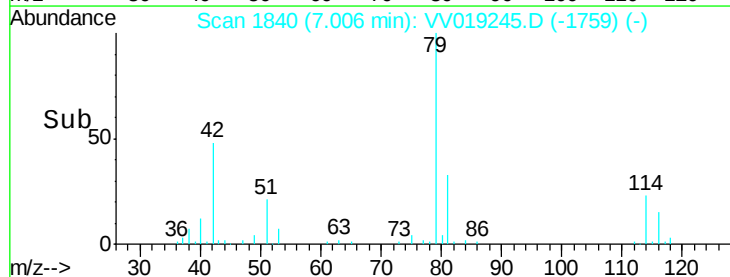
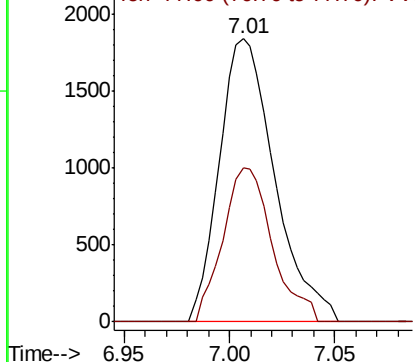


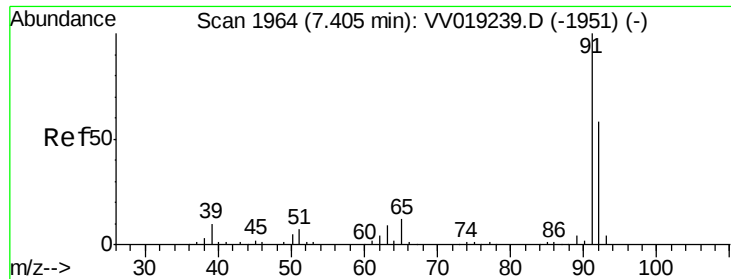
#39
cis-1,3-Dichloropropene
Concen: 1.509 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV019245.D
Acq: 04 Nov 2020 13:36

Tgt Ion: 75 Resp: 3359
Ion Ratio Lower Upper
75 100
77 54.5 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0





#42

Toluene

Concen: 0.761 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV019245.D

Acq: 04 Nov 2020 13:36

Instrument :

MSVOA_V

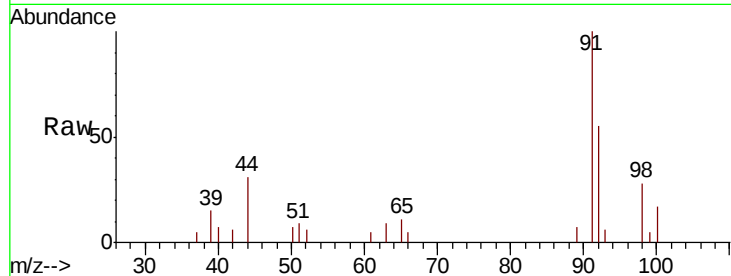
ClientSampleId :

Tot Ion: 91 Resp: 4526

Ion Ratio Lower Upper

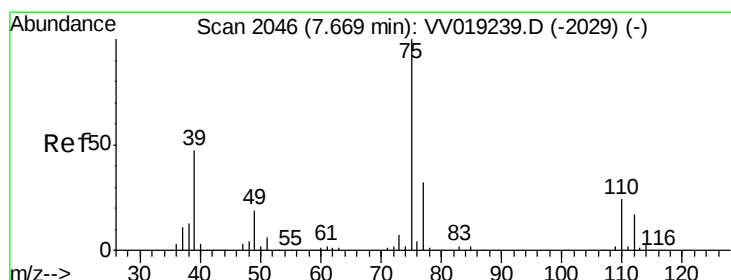
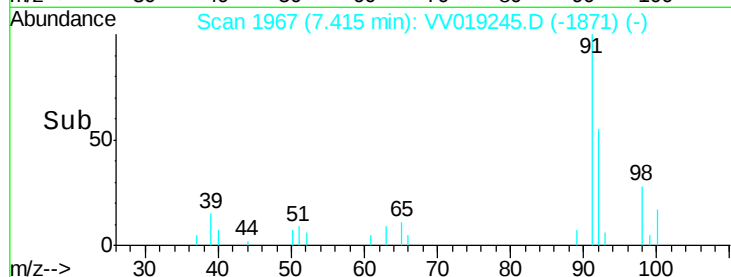
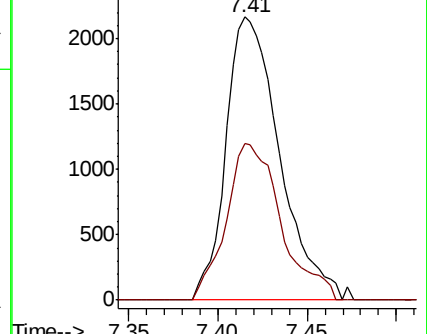
91 100

92 55.5 41.5 77.1



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0



#44

trans-1,3-Dichloropropene

Concen: 1.072 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV019245.D

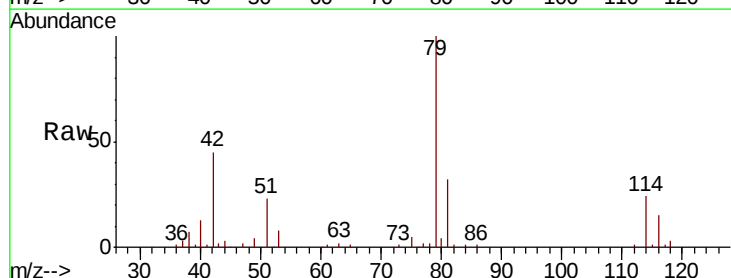
Acq: 04 Nov 2020 13:36

Tgt Ion: 75 Resp: 2482

Ion Ratio Lower Upper

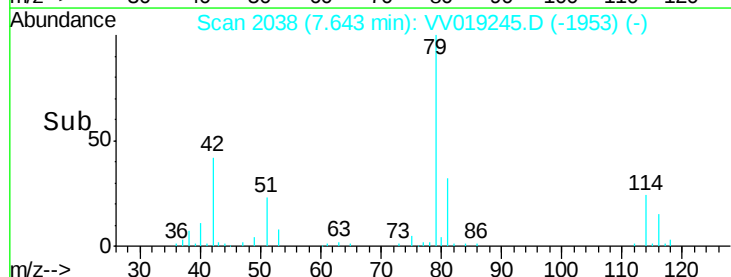
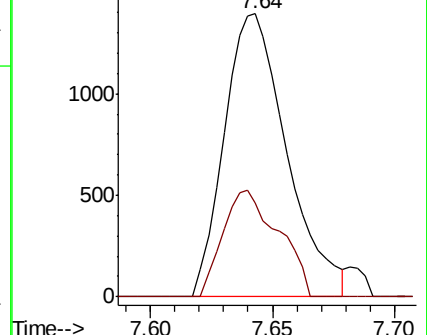
75 100

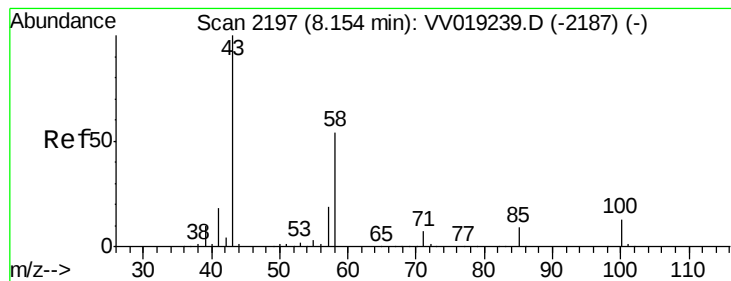
77 33.4 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#48

2-Hexanone

Concen: 6.761 ug/L

RT: 8.11 min Scan# 2182

Delta R.T. -0.05 min

Lab File: VV019245.D

Acq: 04 Nov 2020 13:36

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 9992

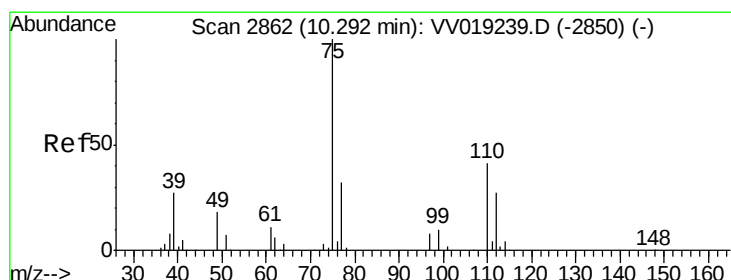
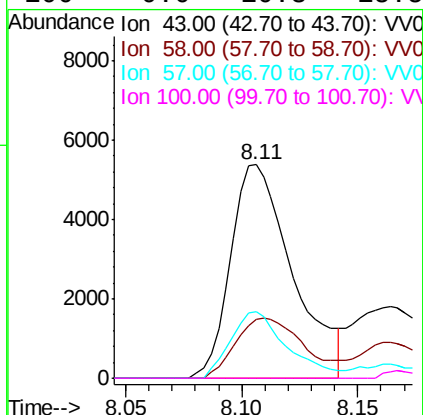
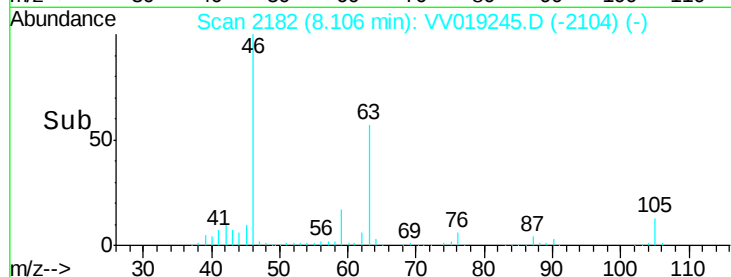
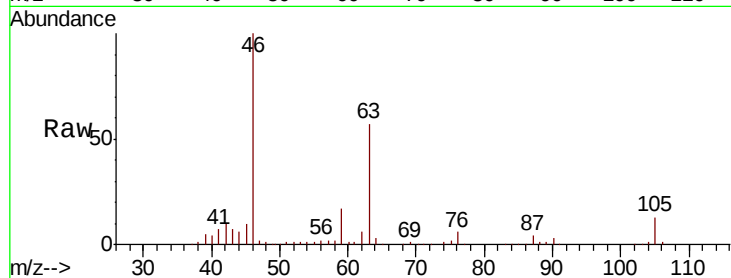
Ion Ratio Lower Upper

43 100

58 30.9 43.6 65.4#

57 28.5 16.0 24.0#

100 0.0 10.3 15.5#



#59

1,2,3-Trichloropropane

Concen: 5.782 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019245.D

Acq: 04 Nov 2020 13:36

Tgt Ion: 75 Resp: 10189

Ion Ratio Lower Upper

75 100

77 39.8 26.2 39.4#

