

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112719\
 Data File : VV013832.D
 Acq On : 27 Nov 2019 19:28
 Operator : SY/MD
 Sample : K6056-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 28 03:11:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 28 02:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	327790	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	337099	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	154222	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72836	3.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.80%
7) Chloroethane-d5	1.58	69	76161	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.13	63	110634	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	3.95	46	272082	64.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.02%
24) Chloroform-d	4.40	84	200630	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.08	65	102129	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.10	84	363711	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
36) 1,2-Dichloropropane-d6	6.11	67	118840	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.36	98	305446	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.80%
43) trans-1,3-Dichloropropene-	7.66	79	44284	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.14	63	224693	60.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	103768	5.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	134840	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

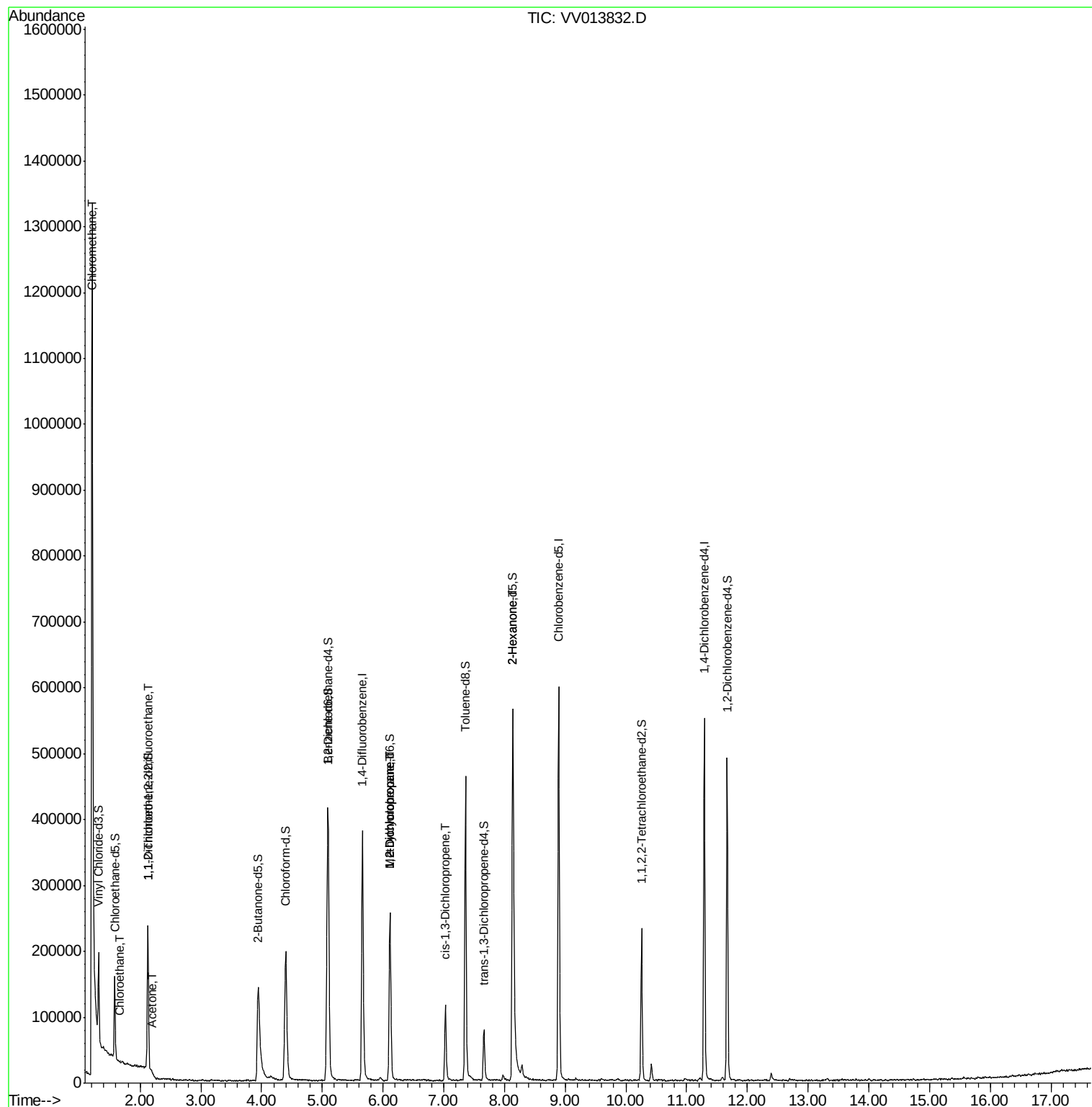
					Ovalue
3) Chloromethane	1.21	50	35148	1.833	ug/L # 44
8) Chloroethane	1.67	64	1294	0.110	ug/L # 53
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1423	0.079	ug/L # 17
13) Acetone	2.21	43	9995	3.389	ug/L # 56
35) Methylcyclohexane	6.12	83	30338	0.997	ug/L # 20
37) 1,2-Dichloropropane	6.12	63	12553	0.591	ug/L # 84
39) cis-1,3-Dichloropropene	7.03	75	3070	0.102	ug/L # 68
48) 2-Hexanone	8.14	43	34872	3.940	ug/L # 82

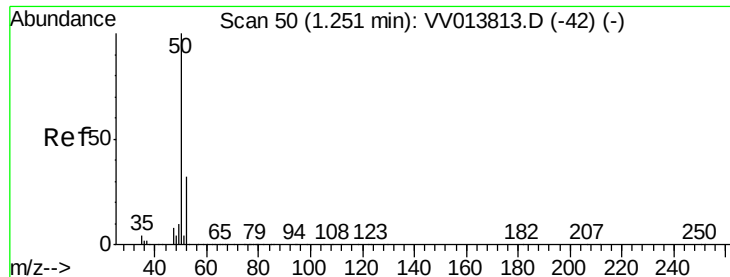
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 28 02:51:59 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.833 ug/L

RT: 1.21 min Scan# 37

Delta R.T. -0.04 min

Lab File: VV013832.D

Acq: 27 Nov 2019 19:28

Instrument :

MSVOA_V

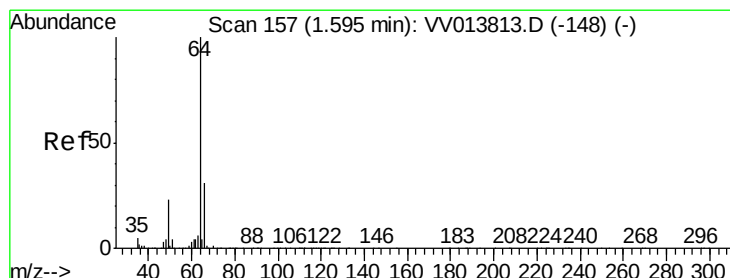
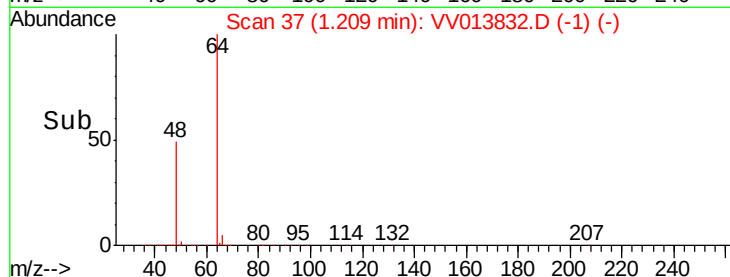
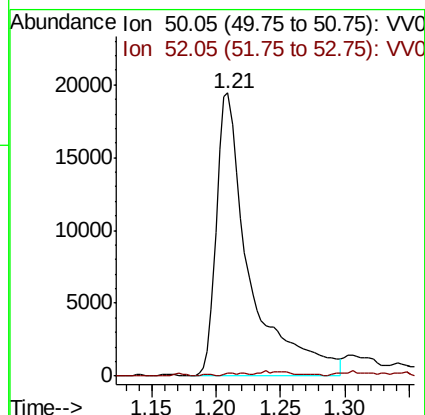
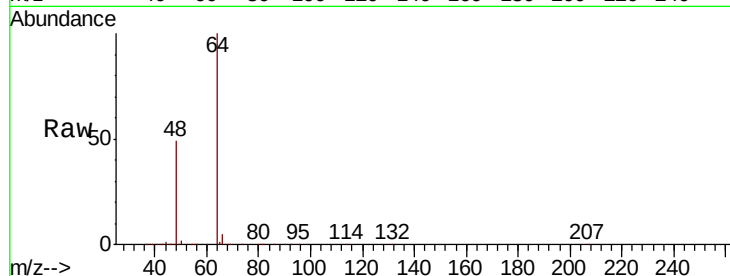
ClientSampleId :

Tot Ion: 50 Resp: 35148

Ion Ratio Lower Upper

50 100

52 0.9 22.5 41.7#



#8

Chloroethane

Concen: 0.110 ug/L

RT: 1.67 min Scan# 179

Delta R.T. 0.07 min

Lab File: VV013832.D

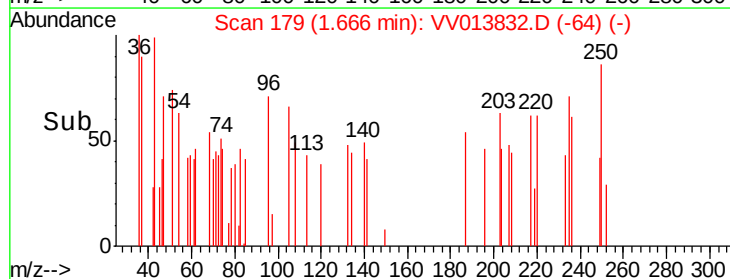
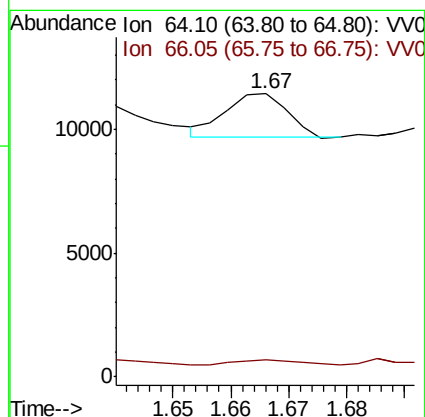
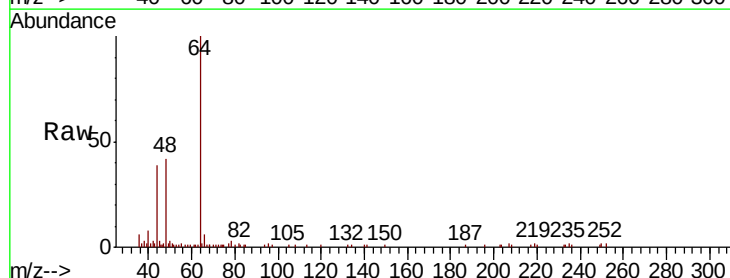
Acq: 27 Nov 2019 19:28

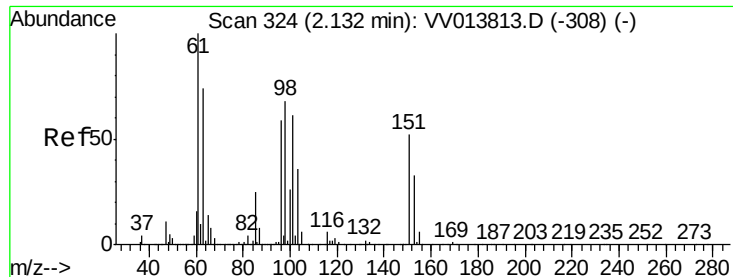
Tgt Ion: 64 Resp: 1294

Ion Ratio Lower Upper

64 100

66 6.1 22.6 42.0#





#10

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

Concen: 0.079 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013832.D

Acq: 27 Nov 2019 19:28

Instrument :

MSVOA_V

ClientSampled :

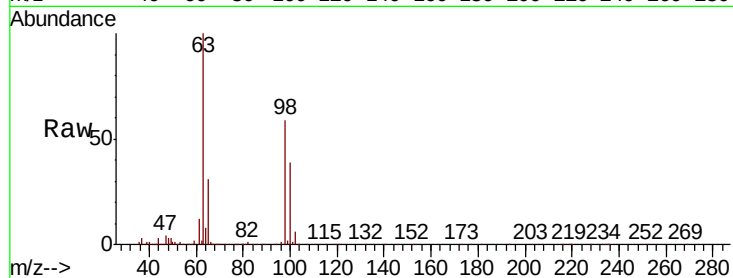
Tot Ion:101 Resp: 1423

Ion Ratio Lower Upper

101 100

85 3.3 33.4 50.0#

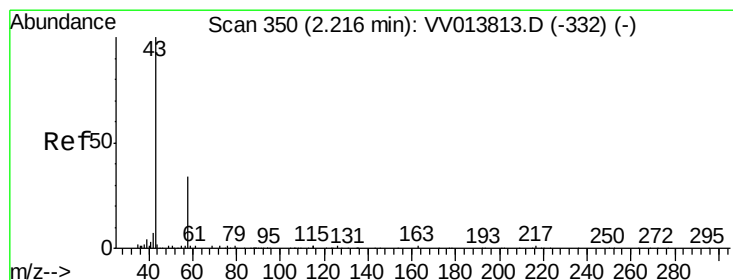
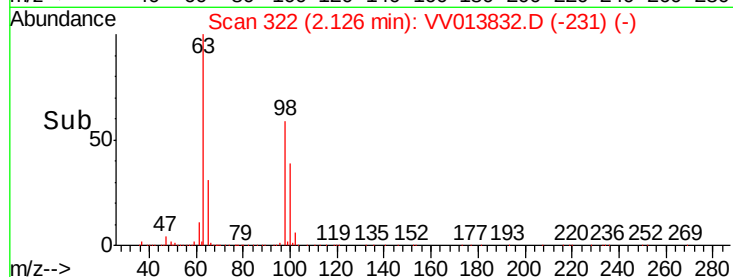
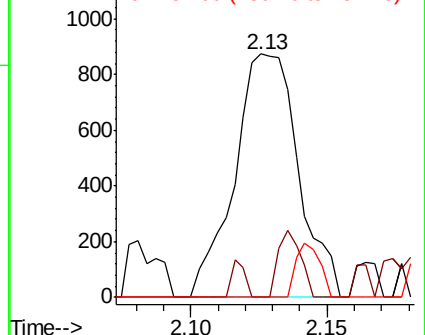
151 0.0 69.4 104.0#



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



#13

Acetone

Concen: 3.389 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.01 min

Lab File: VV013832.D

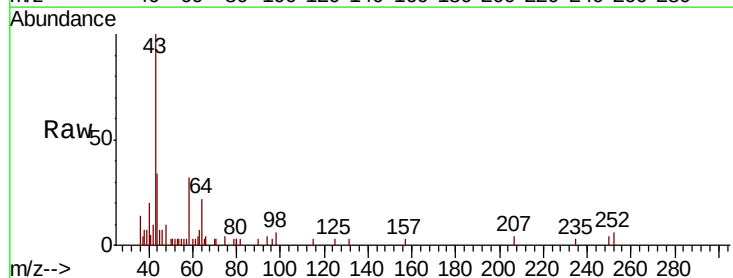
Acq: 27 Nov 2019 19:28

Tgt Ion: 43 Resp: 9995

Ion Ratio Lower Upper

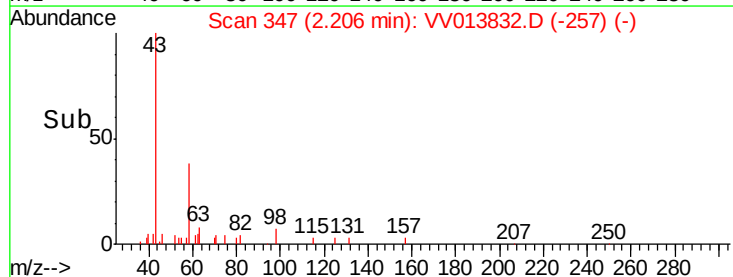
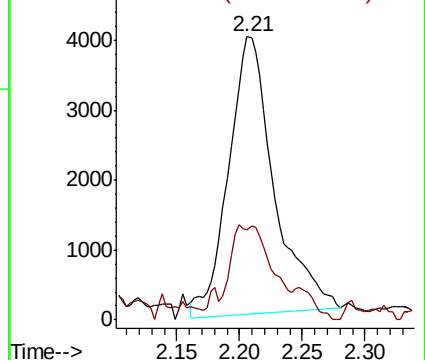
43 100

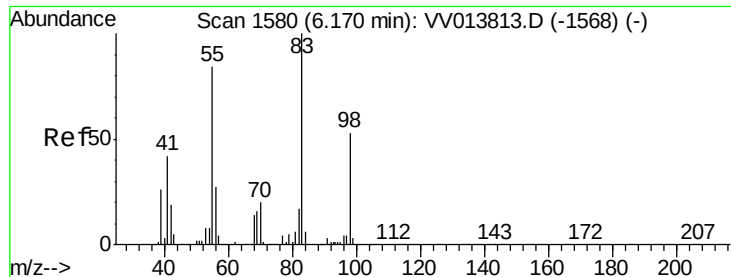
58 31.2 0.0 27.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#35

Methvlcvclohexane

Concen: 0.997 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV013832.D

Acq: 27 Nov 2019 19:28

Instrument :

MSVOA_V

ClientSampleId :

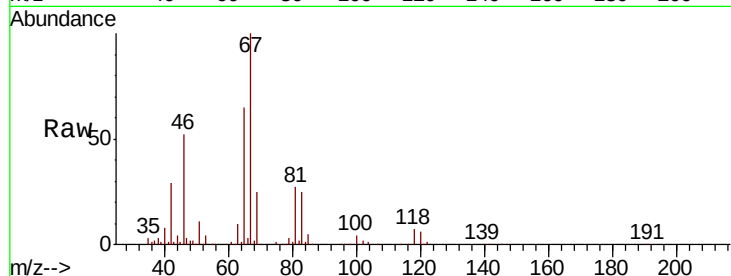
Tot Ion: 83 Resp: 30338

Ion Ratio Lower Upper

83 100

55 0.8 60.3 90.5#

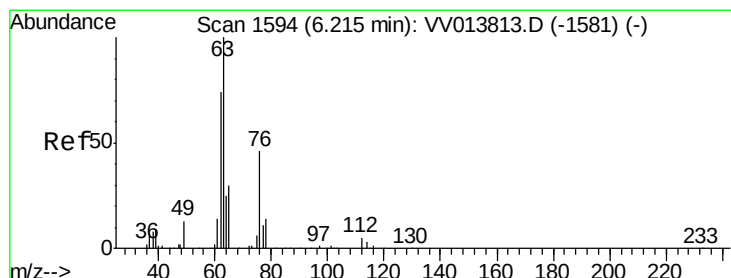
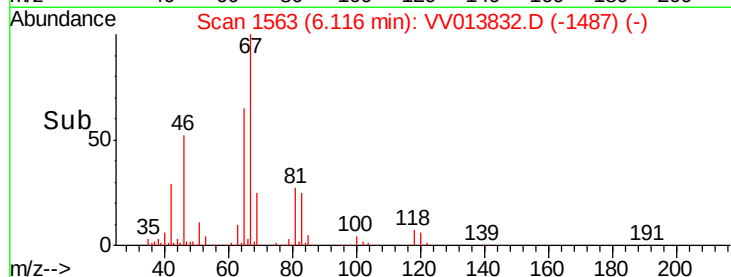
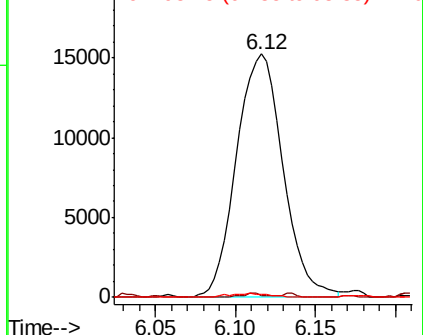
98 1.3 38.1 57.1#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



#37

1,2-Dichloropropane

Concen: 0.591 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV013832.D

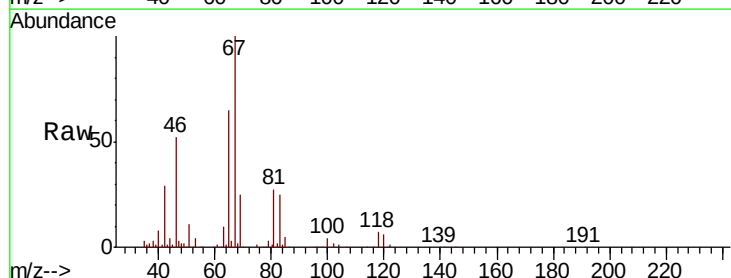
Acq: 27 Nov 2019 19:28

Tgt Ion: 63 Resp: 12553

Ion Ratio Lower Upper

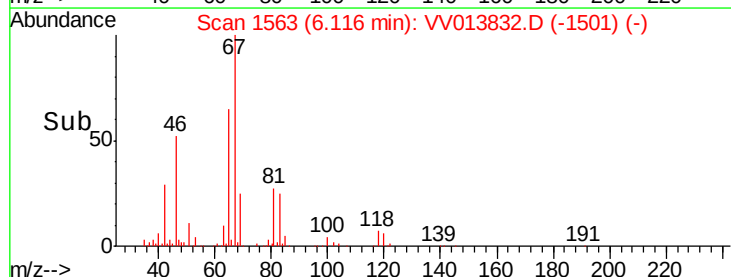
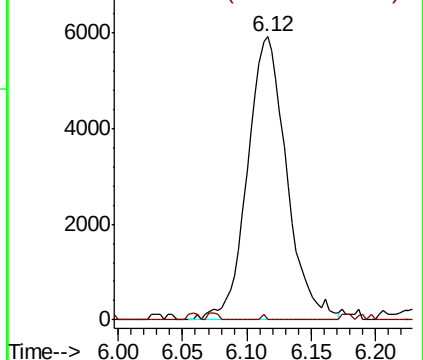
63 100

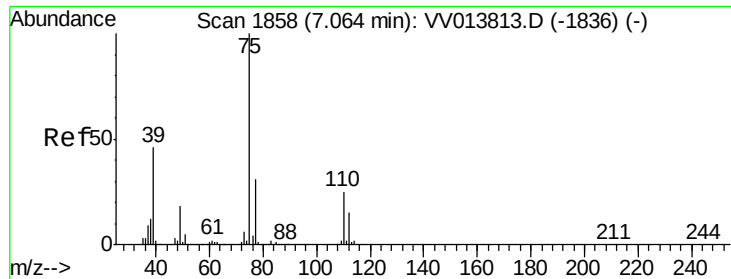
112 0.2 4.4 6.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V



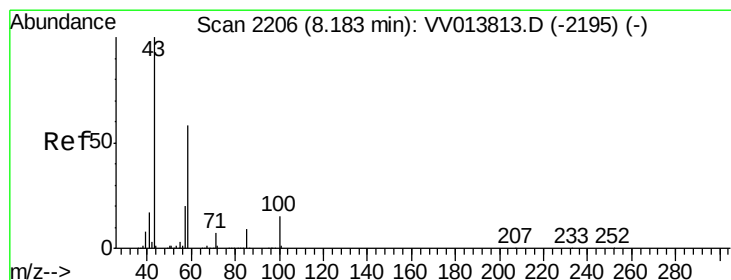
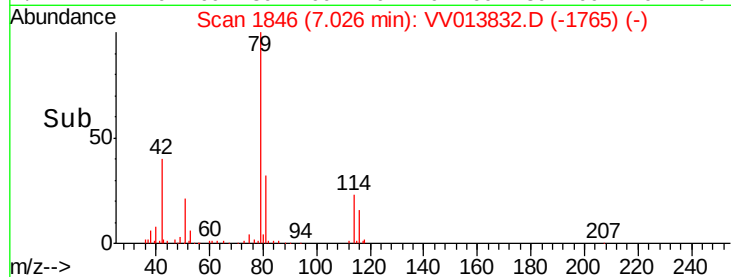
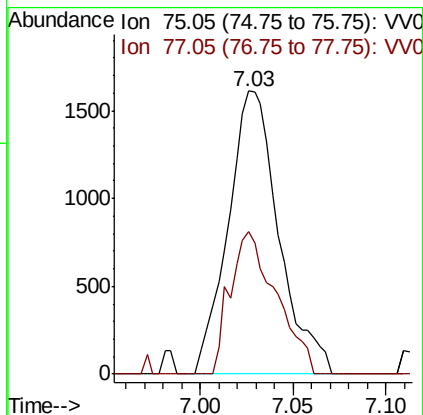
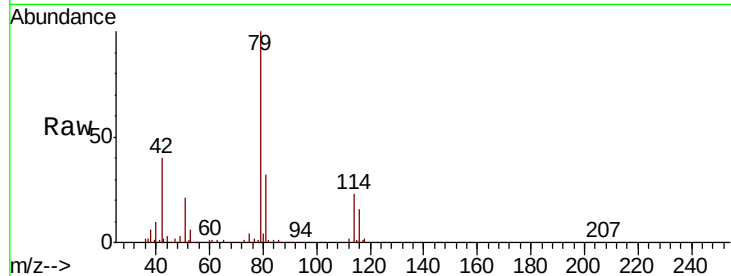


#39

cis-1,3-Dichloropropene
Concen: 0.102 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV013832.D
Acq: 27 Nov 2019 19:28

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 3070
Ion Ratio Lower Upper
75 100
77 50.3 22.5 41.9#



#48

2-Hexanone
Concen: 3.940 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV013832.D
Acq: 27 Nov 2019 19:28

Tgt Ion: 43 Resp: 34872
Ion Ratio Lower Upper
43 100
58 42.9 43.2 64.8#
57 29.6 15.4 23.2#
100 3.6 10.4 15.6#

