

Data File : VV013343.D
Acq On : 25 Oct 2019 14:11
Operator : SY/MD
Sample : K5462-12
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0G05

Quant Time: Oct 26 01:00:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 26 00:57:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	477095	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	514923	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	275241	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	200700	5.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.20%
7) Chloroethane-d5	1.58	69	157075	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	2.13	63	238764	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	3.94	46	379757	56.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.44%
24) Chloroform-d	4.40	84	368336	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.08	65	178050	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.09	84	804084	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.11	67	234884	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.36	98	706800	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.66	79	81376	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.13	63	227933	33.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	135849	3.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	274029	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3060	0.078	ug/L #	28
12) 1,1-Dichloroethene	2.13	96	2678	0.071	ug/L #	1
14) Carbon disulfide	2.32	76	4504	0.042	ug/L #	90
16) Methylene chloride	2.53	84	7707	0.137	ug/L	96
25) Chloroform	4.42	83	12878	0.137	ug/L	90
27) 1,2-Dichloroethane	5.09	62	4688	0.094	ug/L #	72
35) Methylcyclohexane	6.11	83	57462	0.708	ug/L #	19
37) 1,2-Dichloropropane	6.11	63	25373	0.531	ug/L #	85
48) 2-Hexanone	8.18	43	27485	1.577	ug/L #	80

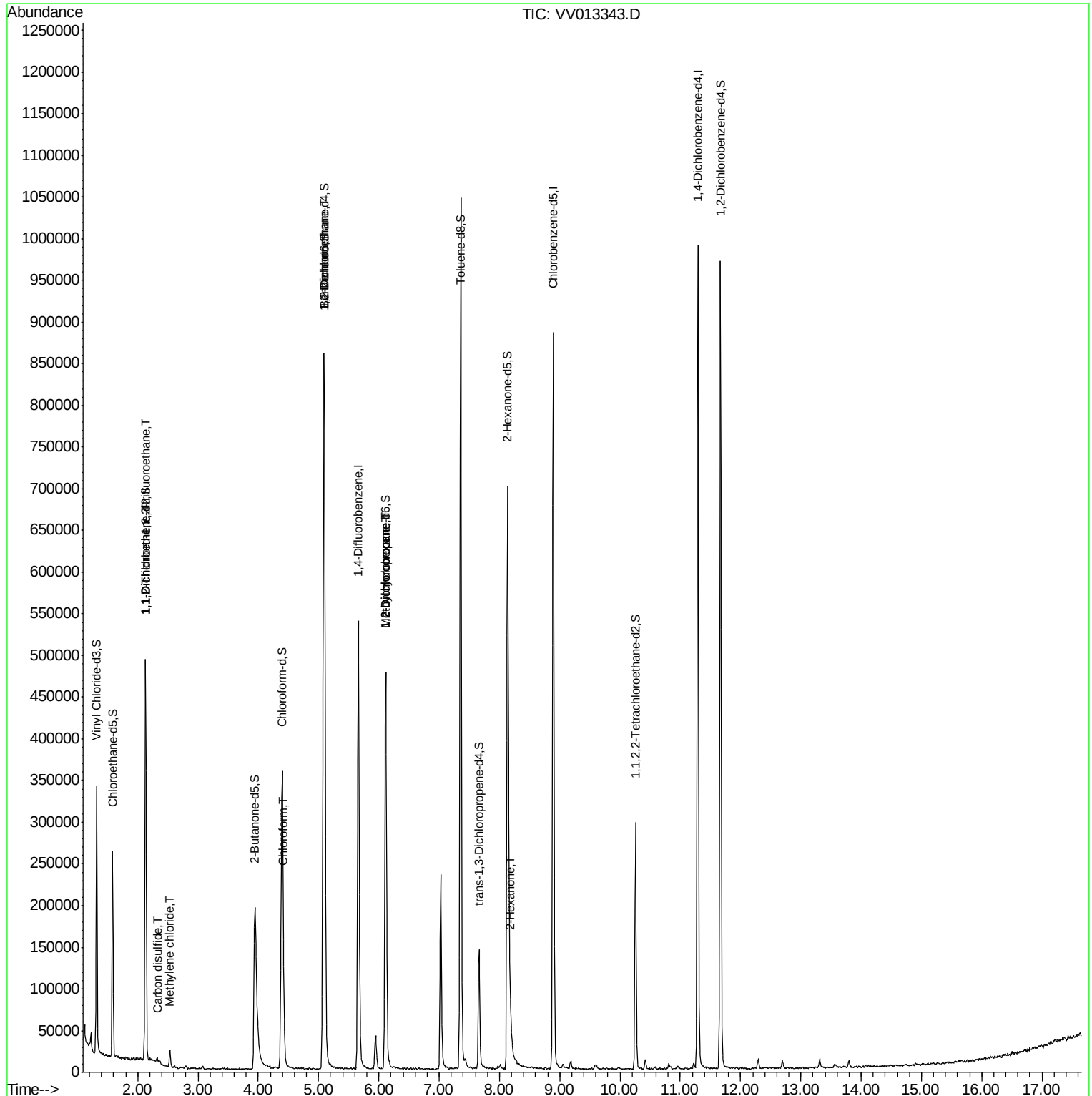
(#) = qualifier out of range (m) = manual integration (+) = signals summed

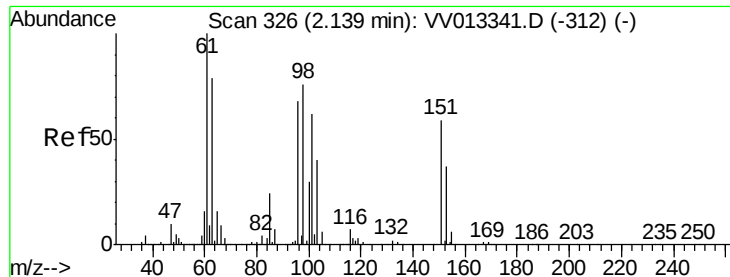
Data File : VV013343.D

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Response via : Initial Calibration





#10

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

Concen: 0.078 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013343.D

Acq: 25 Oct 2019 14:11

Instrument :

MSVOA_V

ClientSampled :

H0G05

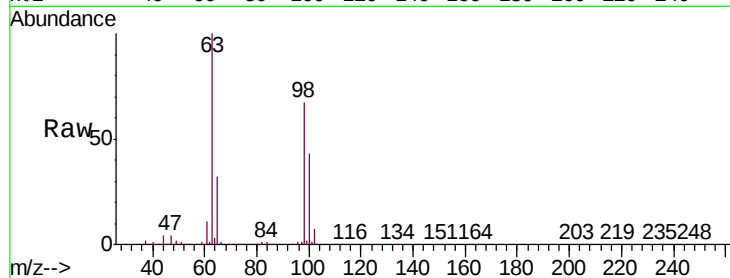
Tgt Ion: 101 Resp: 3060

Ion Ratio Lower Upper

101 100

85 10.3 31.8 47.8#

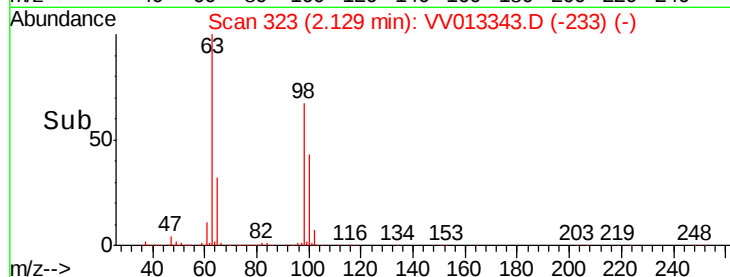
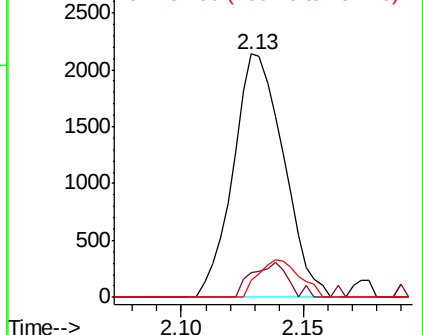
151 12.6 72.9 109.3#



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: 0.071 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013343.D

Acq: 25 Oct 2019 14:11

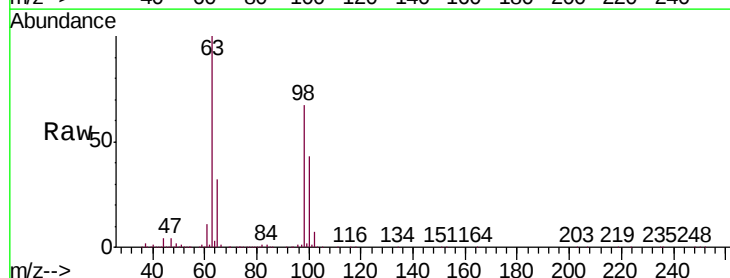
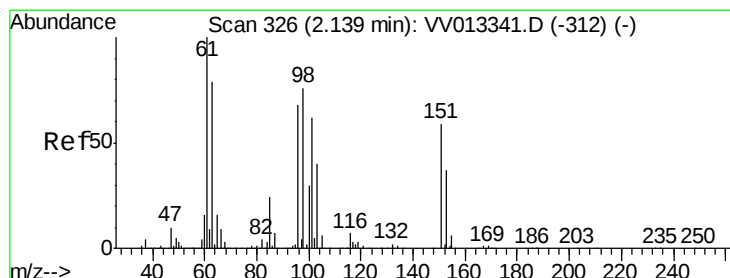
Tgt Ion: 96 Resp: 2678

Ion Ratio Lower Upper

96 100

61 1051.5 104.0 193.1#

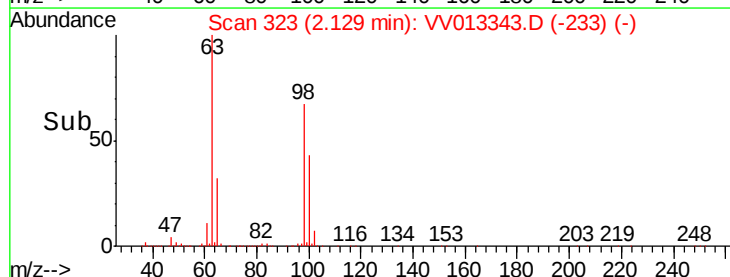
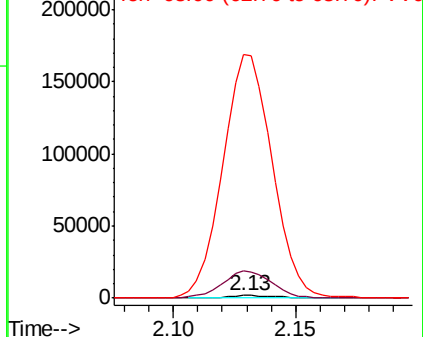
63 9446.1 67.1 124.5#

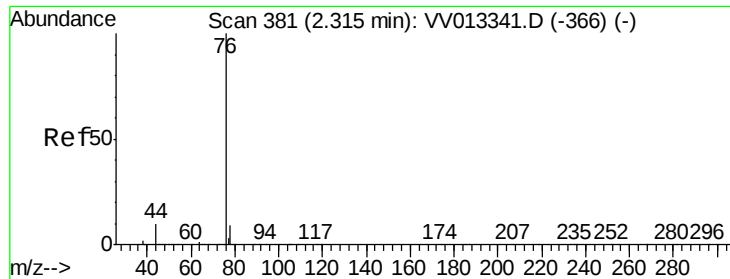


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#14

Carbon disulfide

Concen: 0.042 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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Acq: 25 Oct 2019 14:11

Instrument :

MSVOA_V

ClientSampleId :

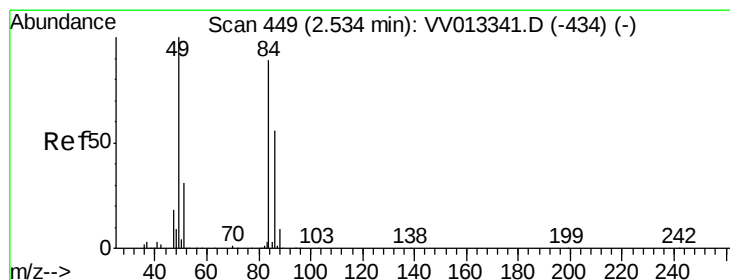
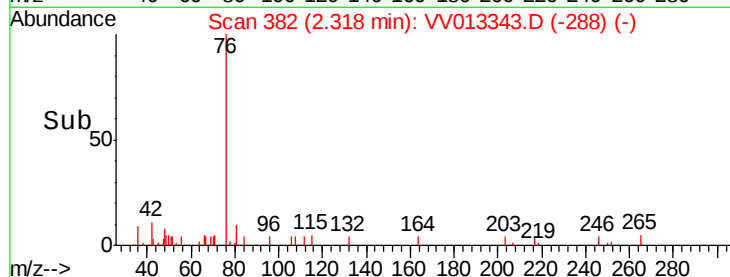
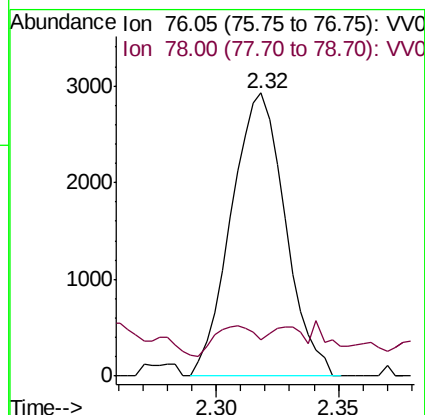
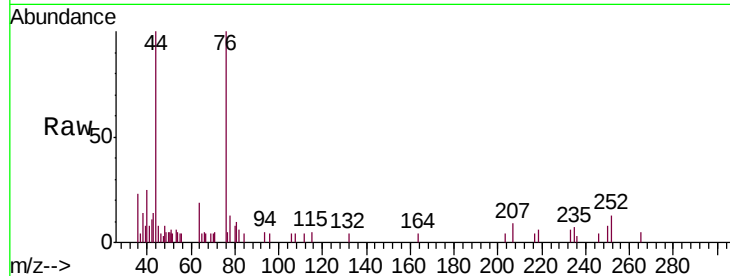
H0G05

Tgt Ion: 76 Resp: 4504

Ion Ratio Lower Upper

76 100

78 12.8 7.3 10.9#



#16

Methylene chloride

Concen: 0.137 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV013343.D

Acq: 25 Oct 2019 14:11

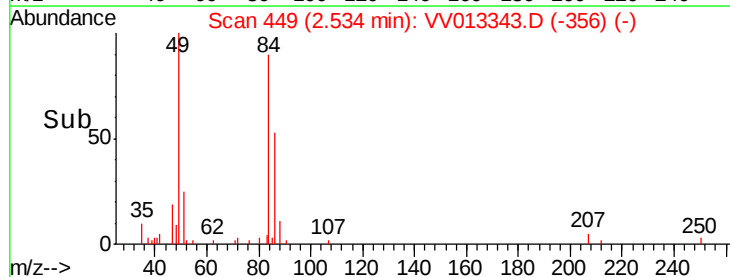
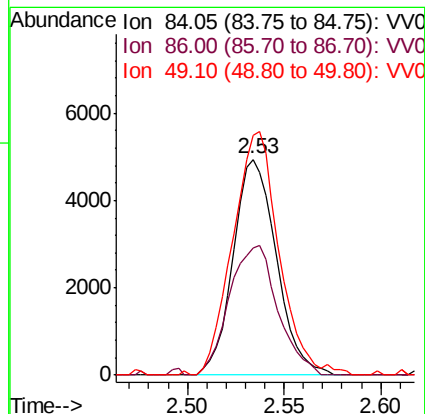
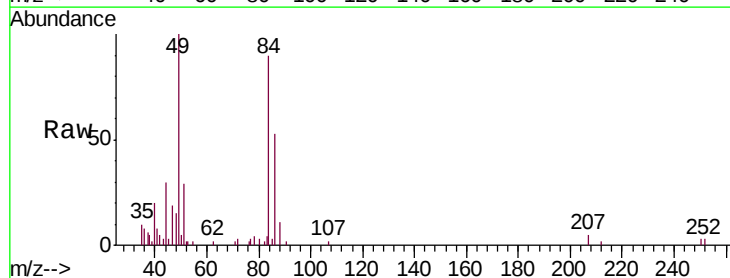
Tgt Ion: 84 Resp: 7707

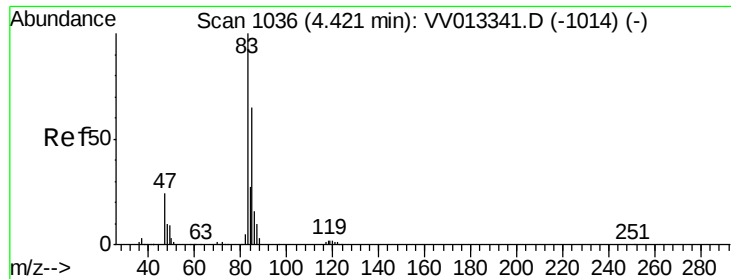
Ion Ratio Lower Upper

84 100

86 58.9 46.2 85.8

49 111.0 76.4 141.8





#25

Chloroform

Concen: 0.137 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV013343.D

Acq: 25 Oct 2019 14:11

Instrument :

MSVOA_V

ClientSampled :

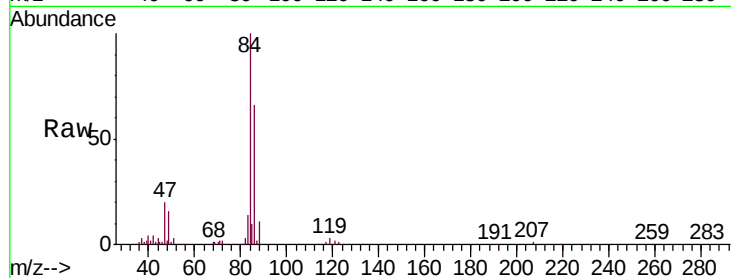
H0G05

Tgt Ion: 83 Resp: 12878

Ion Ratio Lower Upper

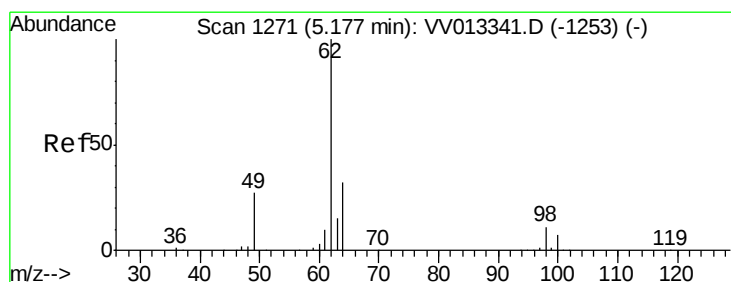
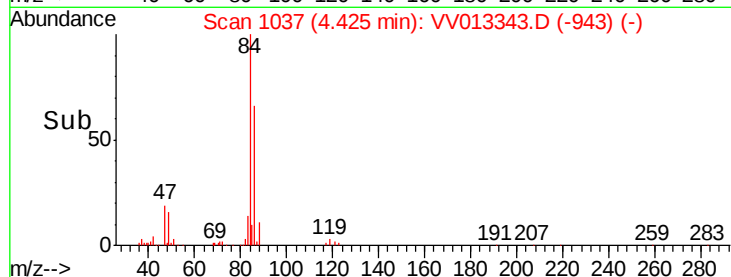
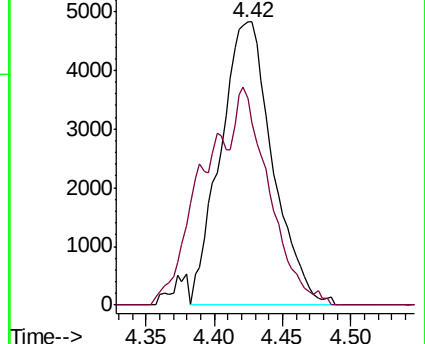
83 100

85 72.8 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#27

1,2-Dichloroethane

Concen: 0.094 ug/L

RT: 5.09 min Scan# 1245

Delta R.T. -0.08 min

Lab File: VV013343.D

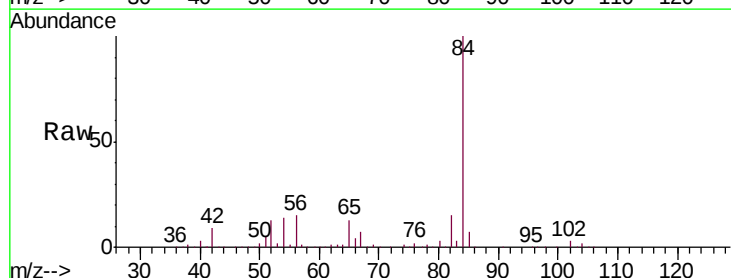
Acq: 25 Oct 2019 14:11

Tgt Ion: 62 Resp: 4688

Ion Ratio Lower Upper

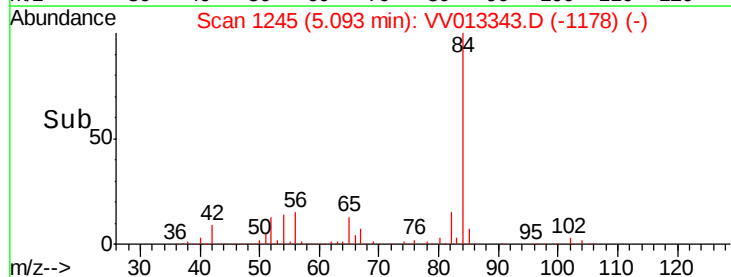
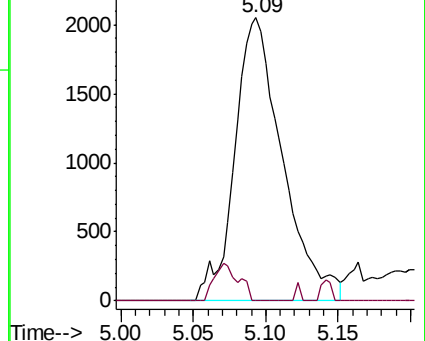
62 100

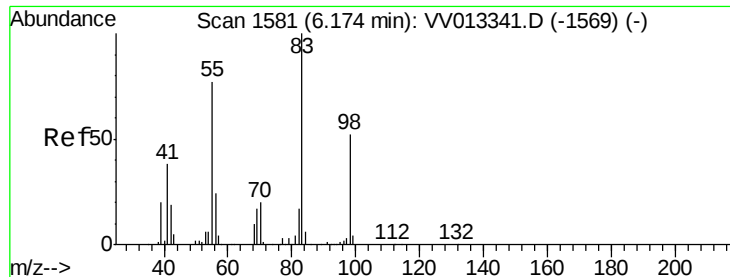
98 0.0 8.3 12.5#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0





#35

Methylcyclohexane

Concen: 0.708 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV013343.D

Acq: 25 Oct 2019 14:11

Instrument :

MSVOA_V

ClientSampleId :

H0G05

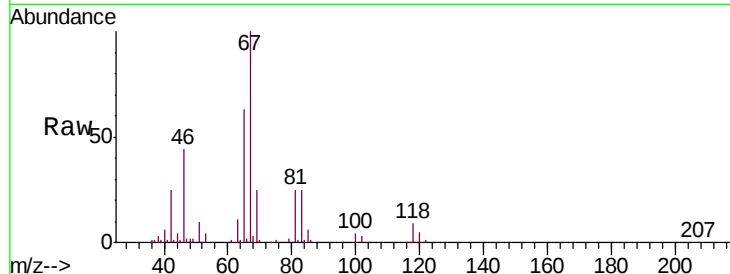
Tgt Ion: 83 Resp: 57462

Ion Ratio Lower Upper

83 100

55 0.9 62.4 93.6#

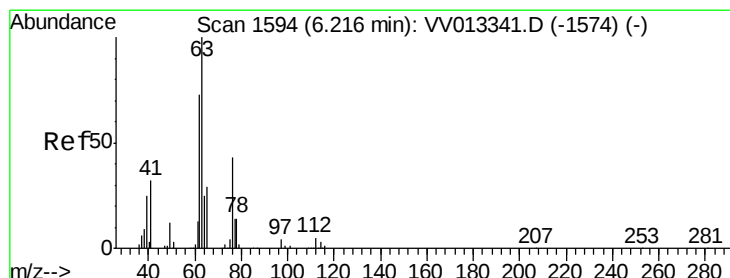
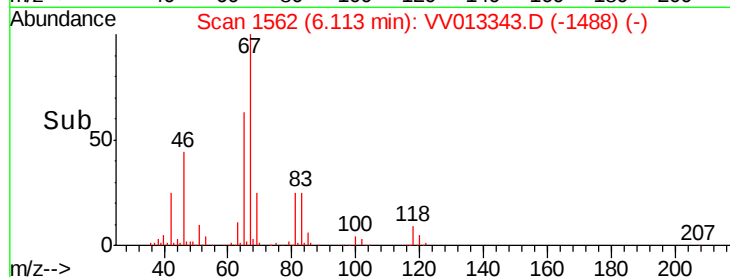
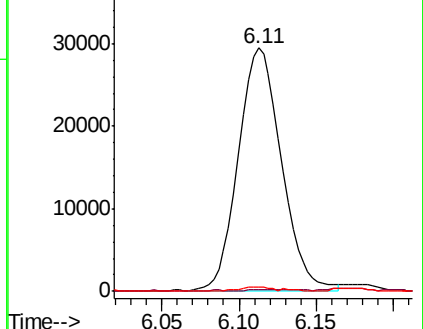
98 1.4 39.2 58.8#



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: 0.531 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV013343.D

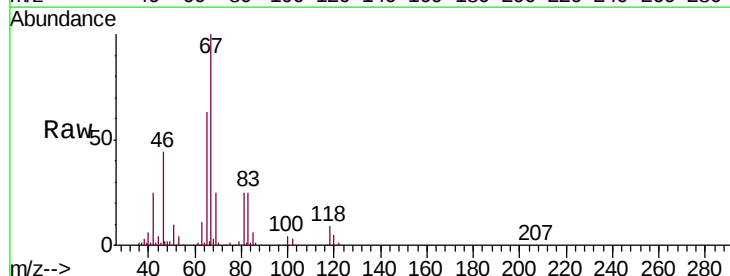
Acq: 25 Oct 2019 14:11

Tgt Ion: 63 Resp: 25373

Ion Ratio Lower Upper

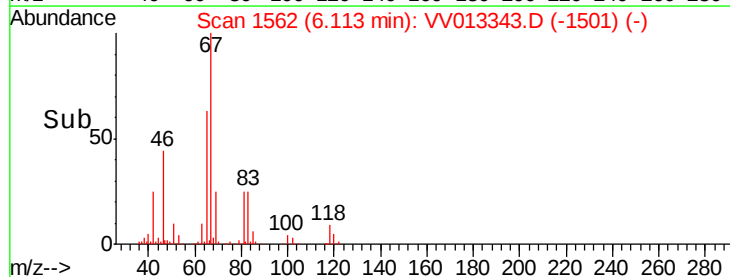
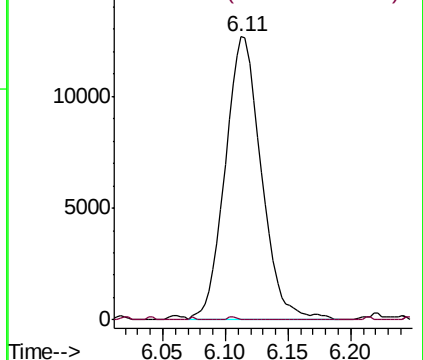
63 100

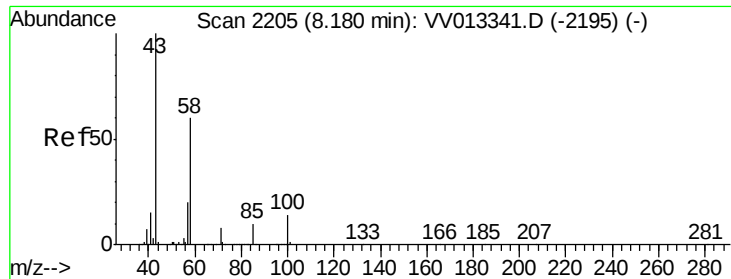
112 0.3 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#48

2-Hexanone

Concen: 1.577 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV013343.D

Acq: 25 Oct 2019 14:11

Instrument :

MSVOA_V

ClientSampleId :

H0G05

Tgt Ion: 43 Resp: 27485

Ion Ratio Lower Upper

43 100

58 36.9 45.1 67.7#

57 22.0 15.5 23.3

100 6.5 10.2 15.2#

