

Data File : VV011487.D
Acq On : 14 Jun 2019 04:56
Operator : SY/MD
Sample : K3313-12
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLZ2

Quant Time: Jun 14 06:11:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 06:06:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	117426	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	102640	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	37353	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46940	5.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.60%
7) Chloroethane-d5	1.58	69	39012	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.12	63	76634	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.20%
20) 2-Butanone-d5	3.97	46	106664	53.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.50%
24) Chloroform-d	4.40	84	86540	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.60%
26) 1,2-Dichloroethane-d4	5.08	65	50951	6.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.40%
32) Benzene-d6	5.10	84	170206	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
36) 1,2-Dichloropropane-d6	6.12	67	55206	5.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.80%
41) Toluene-d8	7.36	98	145421	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
43) trans-1,3-Dichloropropene-	7.67	79	14218	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.14	63	87331	57.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.66%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35134	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	41829	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

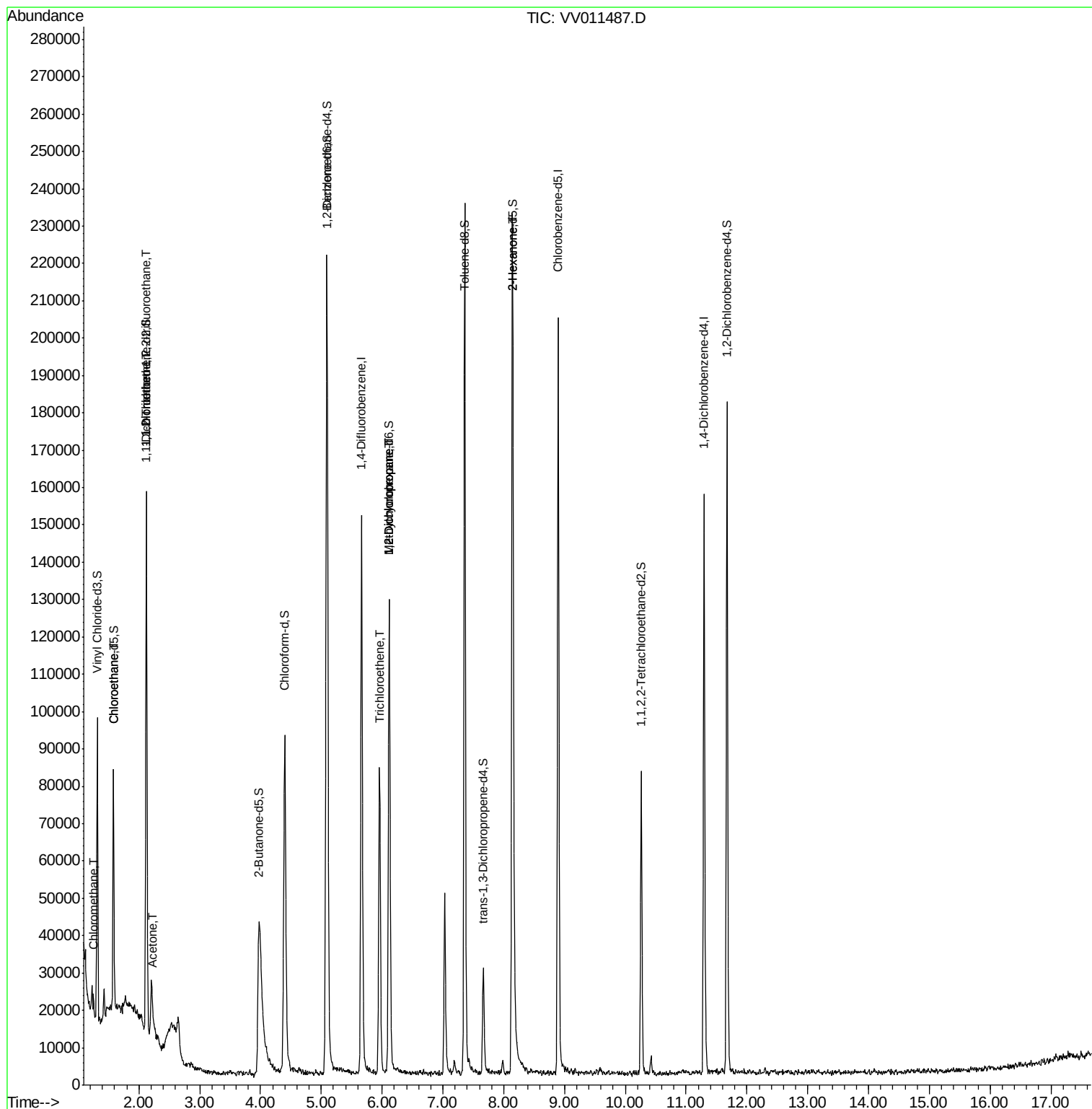
						Qvalue
3) Chloromethane	1.25	50	2407	0.215	ug/L	92
8) Chloroethane	1.58	64	1889	0.274	ug/L #	62
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	810	0.106	ug/L #	22
12) 1,1-Dichloroethene	2.14	96	2451	0.331	ug/L #	1
13) Acetone	2.24	43	2563	1.908	ug/L	53
34) Trichloroethene	5.96	95	27602	3.271	ug/L	95
35) Methylcyclohexane	6.12	83	13254	0.950	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6941	0.854	ug/L #	89
48) 2-Hexanone	8.14	43	13582	3.762	ug/L #	72

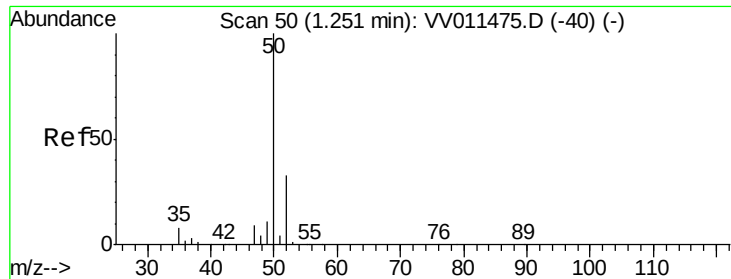
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.215 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV011487.D

Acq: 14 Jun 2019 04:56

Instrument :

MSVOA_V

ClientSampled :

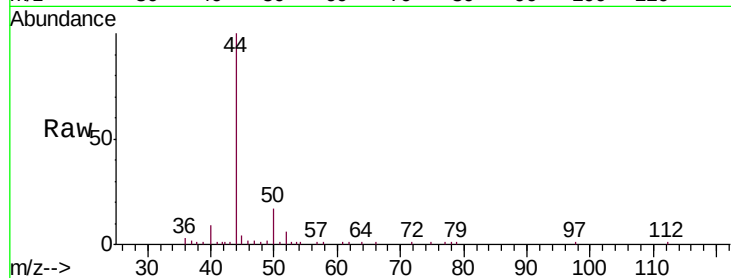
COLZ2

Tgt Ion: 50 Resp: 2407

Ion Ratio Lower Upper

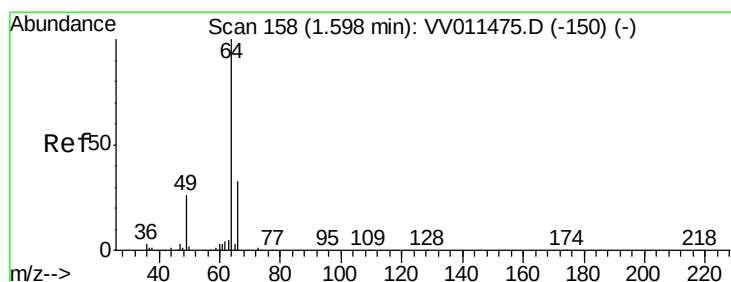
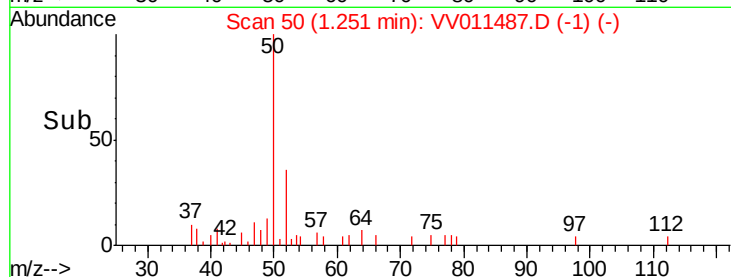
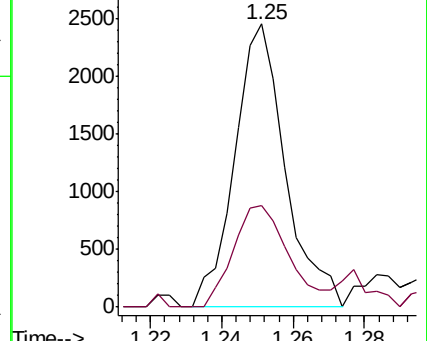
50 100

52 36.1 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.274 ug/L

RT: 1.58 min Scan# 151

Delta R.T. -0.02 min

Lab File: VV011487.D

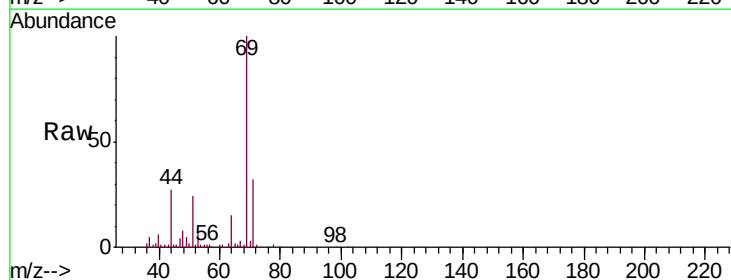
Acq: 14 Jun 2019 04:56

Tgt Ion: 64 Resp: 1889

Ion Ratio Lower Upper

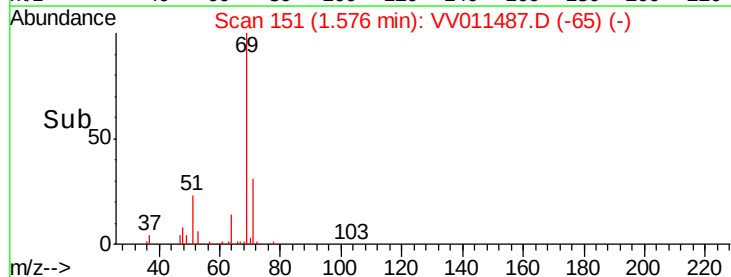
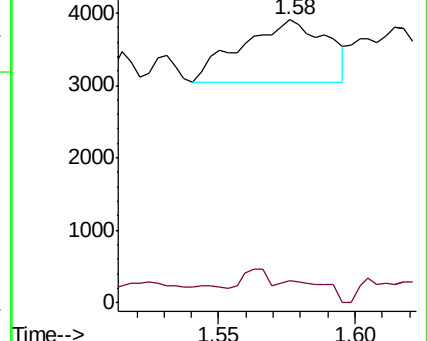
64 100

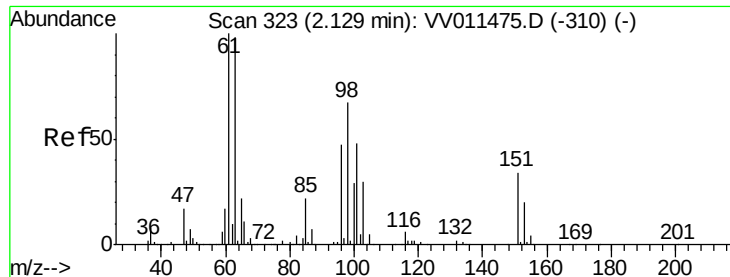
66 8.0 19.4 36.0#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#10

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

Concen: 0.106 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV011487.D

Acq: 14 Jun 2019 04:56

Instrument :

MSVOA_V

ClientSampleId :

COLZ2

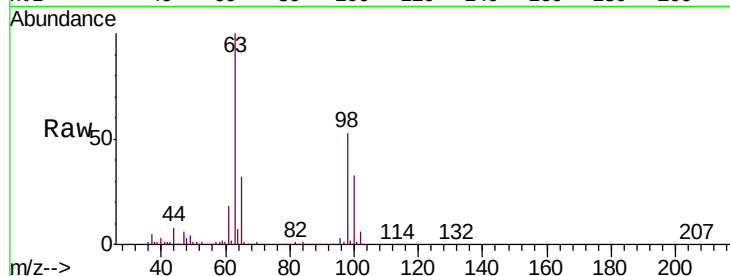
Tgt Ion: 101 Resp: 810

Ion Ratio Lower Upper

101 100

85 2.6 35.5 53.3#

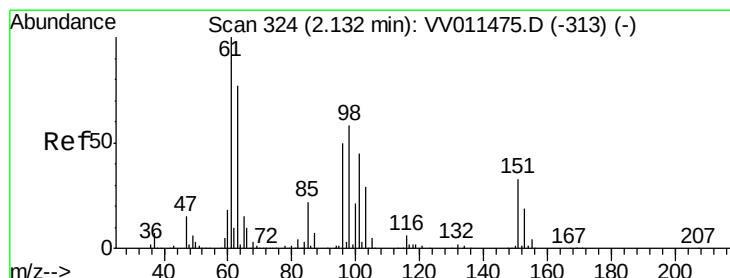
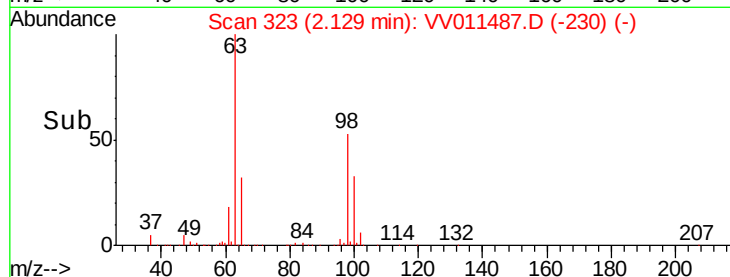
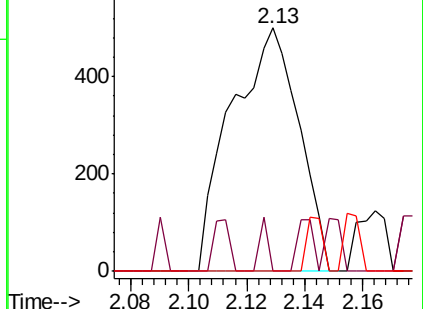
151 0.0 56.9 85.3#



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: 0.331 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV011487.D

Acq: 14 Jun 2019 04:56

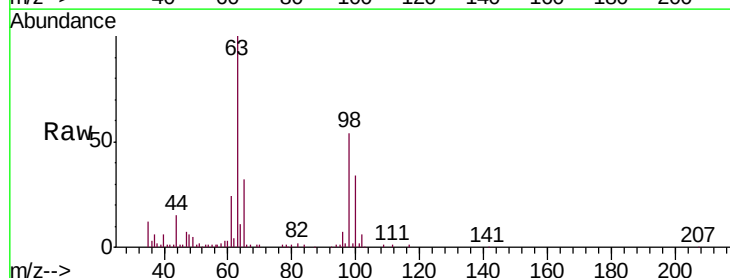
Tgt Ion: 96 Resp: 2451

Ion Ratio Lower Upper

96 100

61 359.6 139.8 259.6#

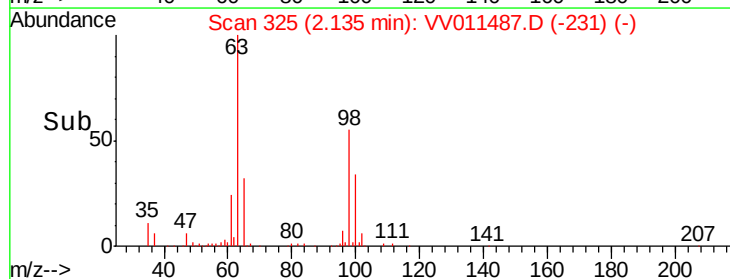
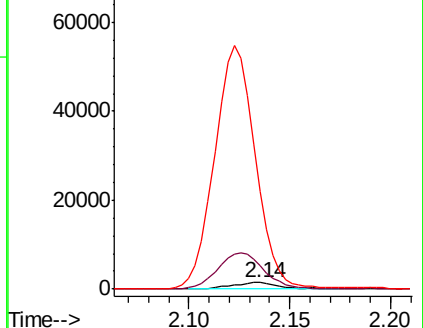
63 1525.1 94.3 175.1#

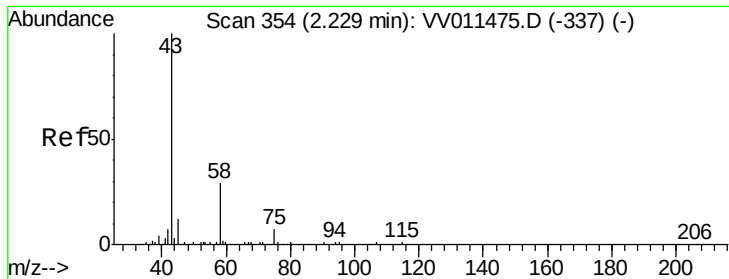


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.908 ug/L

RT: 2.24 min Scan# 357

Delta R.T. 0.01 min

Lab File: VV011487.D

Acq: 14 Jun 2019 04:56

Instrument :

MSVOA_V

ClientSampleId :

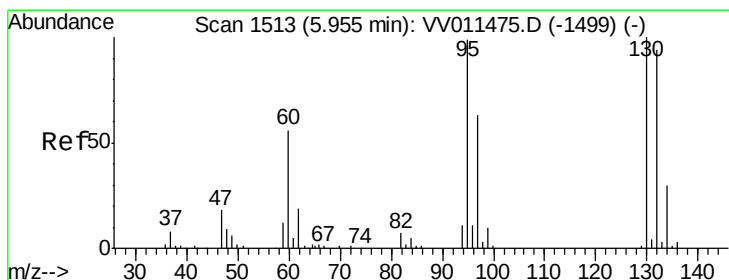
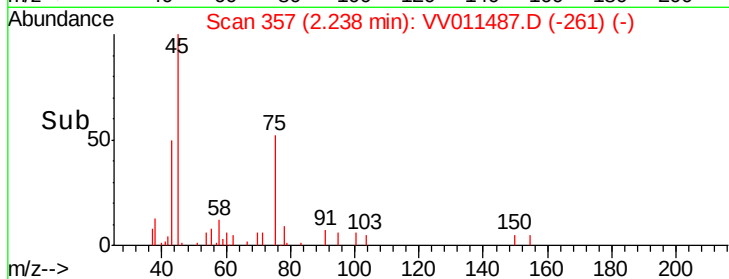
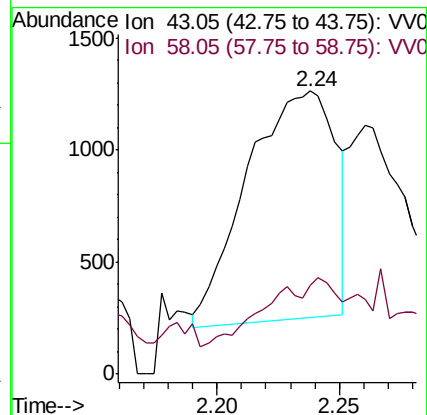
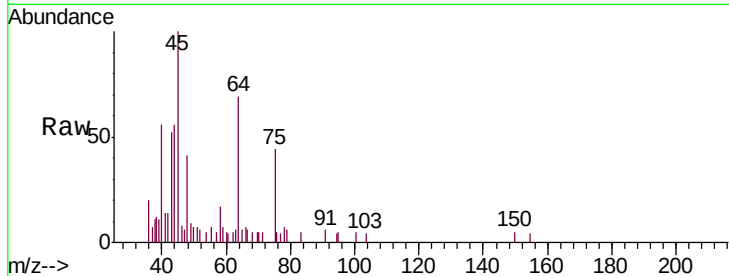
C0LZ2

Tgt Ion: 43 Resp: 2563

Ion Ratio Lower Upper

43 100

58 3.0 0.0 55.2



#34

Trichloroethene

Concen: 3.271 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV011487.D

Acq: 14 Jun 2019 04:56

Tgt Ion: 95 Resp: 27602

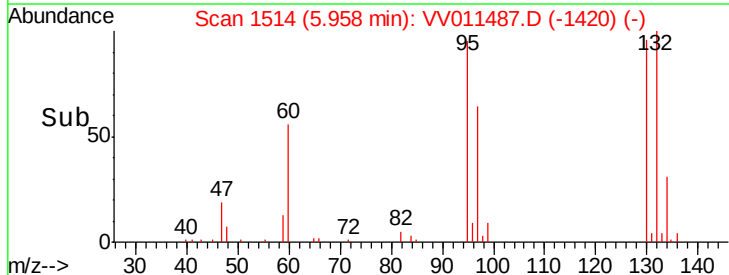
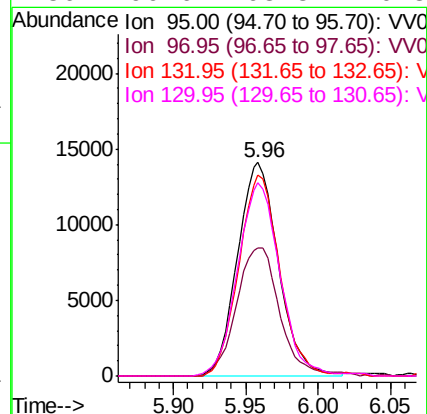
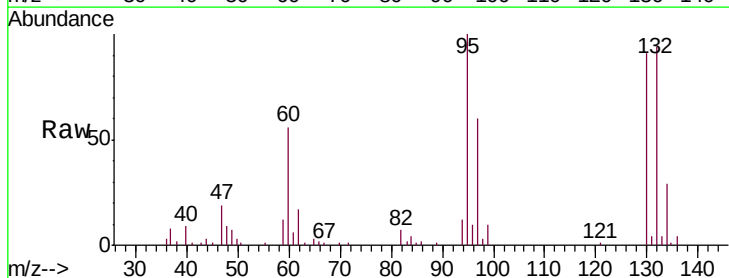
Ion Ratio Lower Upper

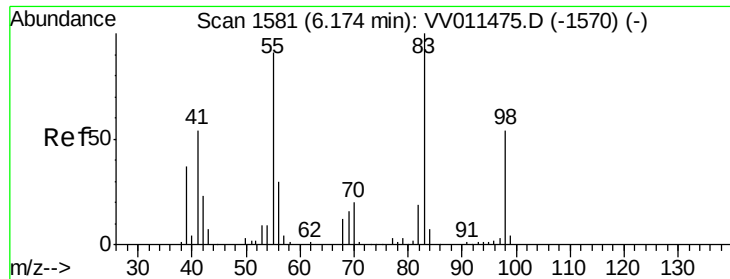
95 100

97 60.2 45.8 85.2

132 94.1 66.4 123.2

130 90.6 68.3 126.8





#35

Methylcyclohexane

Concen: 0.950 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV011487.D

Acq: 14 Jun 2019 04:56

Instrument :

MSVOA_V

ClientSampled :

COLZ2

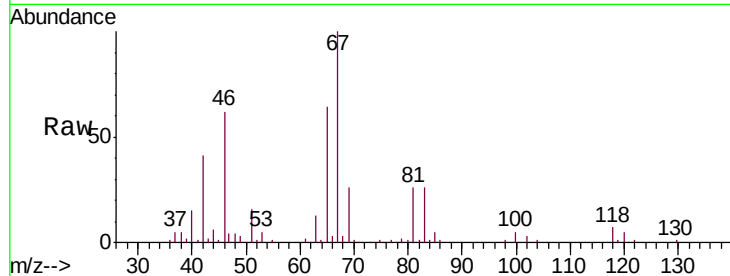
Tgt Ion: 83 Resp: 13254

Ion Ratio Lower Upper

83 100

55 2.2 67.0 100.6#

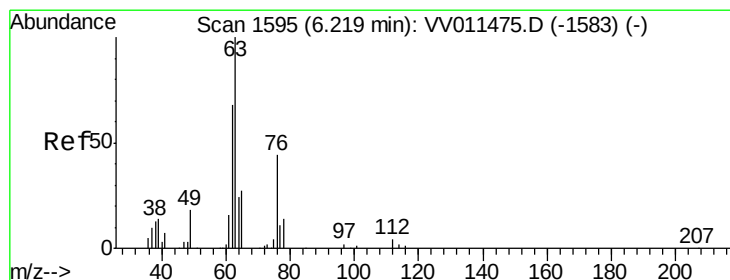
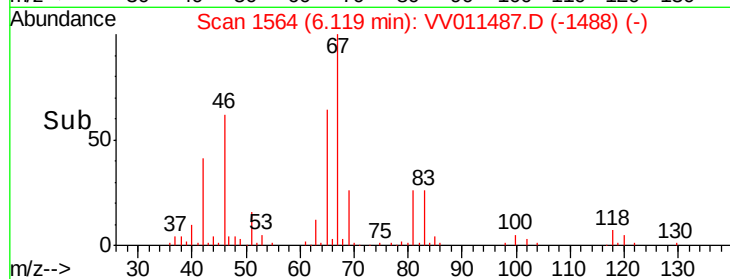
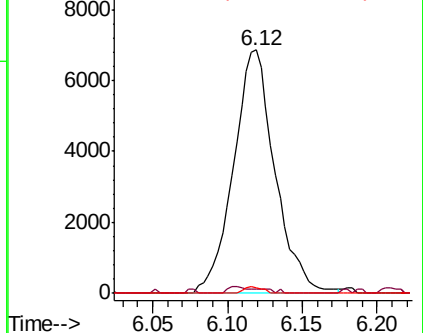
98 1.2 40.0 60.0#



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: 0.854 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV011487.D

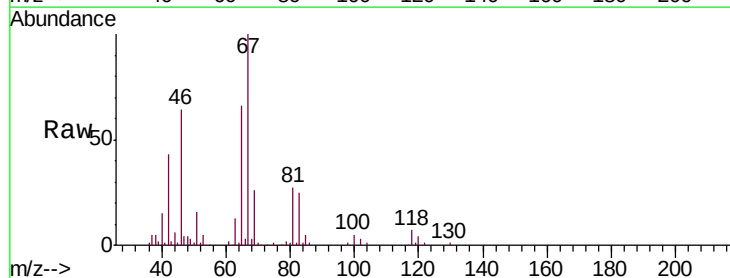
Acq: 14 Jun 2019 04:56

Tgt Ion: 63 Resp: 6941

Ion Ratio Lower Upper

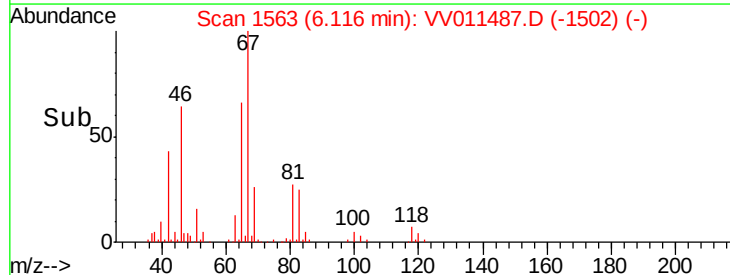
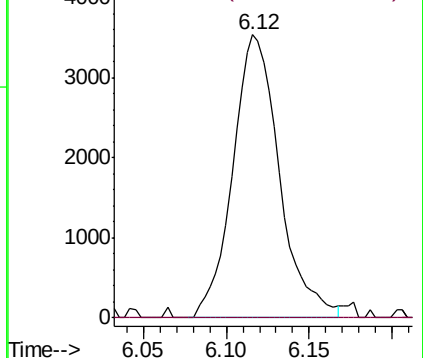
63 100

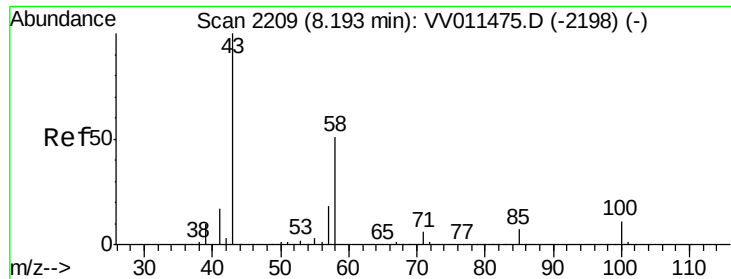
112 0.9 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#48
 2-Hexanone
 Concen: 3.762 ug/L
 RT: 8.14 min Scan# 2194
 Delta R.T. -0.05 min
 Lab File: VV011487.D
 Acq: 14 Jun 2019 04:56

Instrument :
 MSVOA_V
 ClientSampleId :
 COLZ2

Tgt Ion:	43	Resp:	13582
Ion	Ratio	Lower	Upper
43	100		
58	28.7	41.4	62.0#
57	25.4	15.0	22.4#
100	1.4	9.0	13.4#

