

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102219\
 Data File : VV013288.D
 Acq On : 22 Oct 2019 19:31
 Operator : SY/MD
 Sample : K5404-07
 Misc : 25.00ML/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 23 01:27:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 01:23:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	445840	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	496283	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	255884	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	175022	5.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.40%
7) Chloroethane-d5	1.58	69	153978	5.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.60%
11) 1,1-Dichloroethene-d2	2.13	63	220106	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	3.93	46	386619	61.25	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.50%
24) Chloroform-d	4.40	84	363514	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.08	65	176245	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.10	84	723316	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.12	67	223258	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.36	98	590945	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	7.66	79	71155	3.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.80%
46) 2-Hexanone-d5	8.13	63	226720	34.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.54%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	159048	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	251108	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

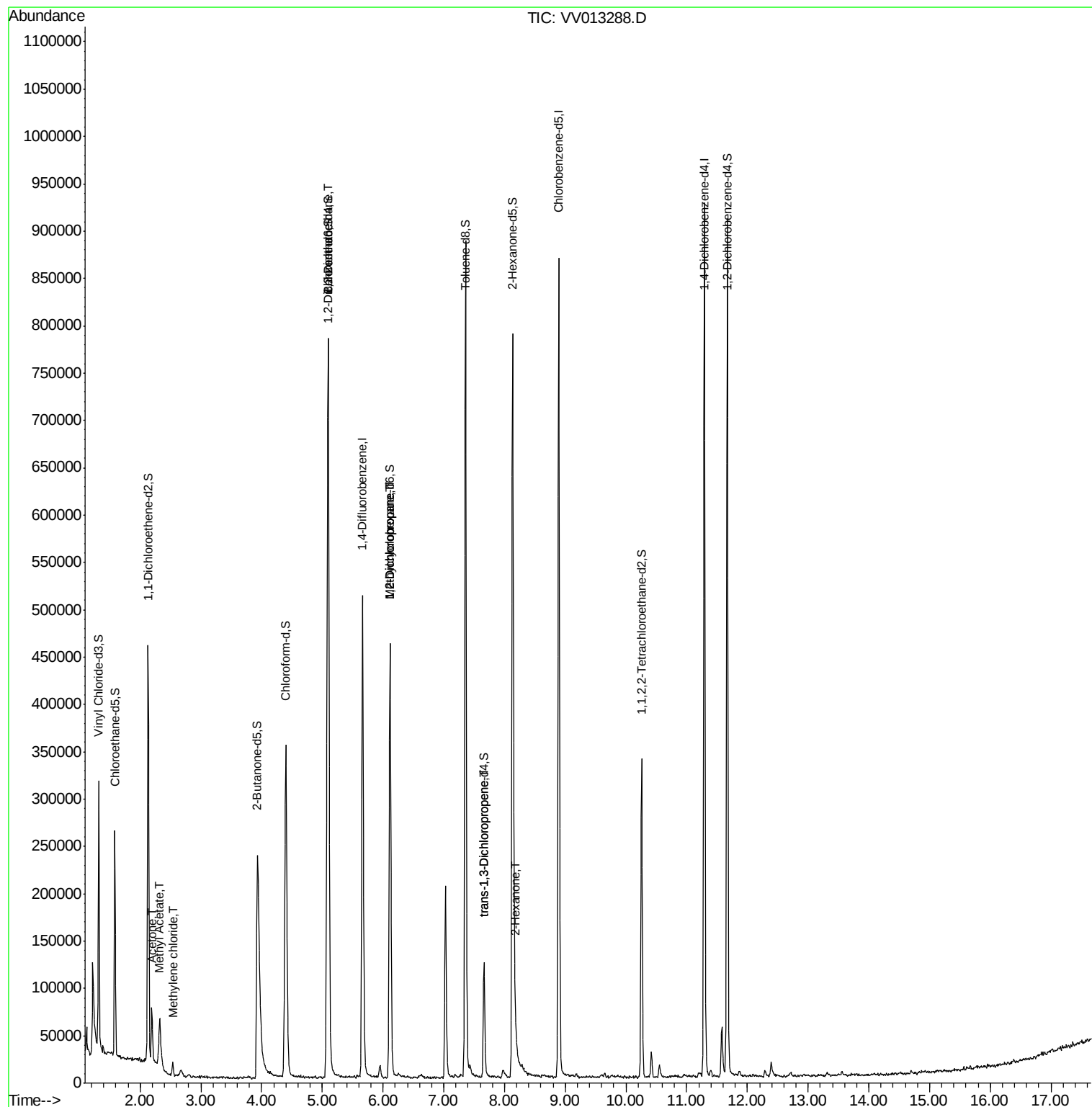
					Ovalue
13) Acetone	2.19	43	60062	18.403 ug/L #	46
15) Methyl Acetate	2.32	43	15350	1.391 ug/L #	51
16) Methylene chloride	2.54	84	5970	0.113 ug/L	87
27) 1,2-Dichloroethane	5.10	62	4084	0.087 ug/L	99
35) Methylcyclohexane	6.12	83	54589	0.698 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	24488	0.532 ug/L #	86
44) trans-1,3-Dichloropropene	7.66	75	2936	0.060 ug/L	87
48) 2-Hexanone	8.18	43	15320	0.912 ug/L #	48

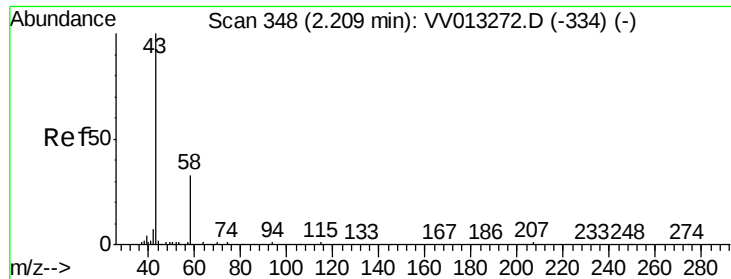
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 01:23:09 2019
Response via : Initial Calibration





#13

Acetone

Concen: 18.403 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.02 min

Lab File: VV013288.D

Acq: 22 Oct 2019 19:31

Instrument :

MSVOA_V

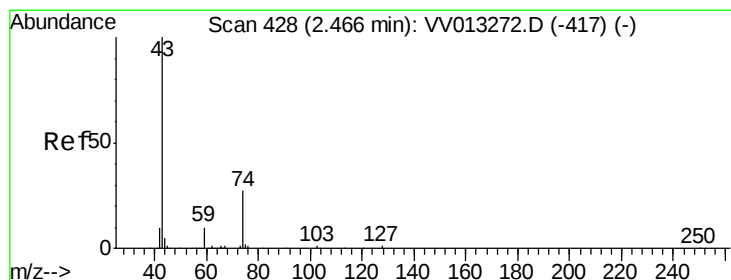
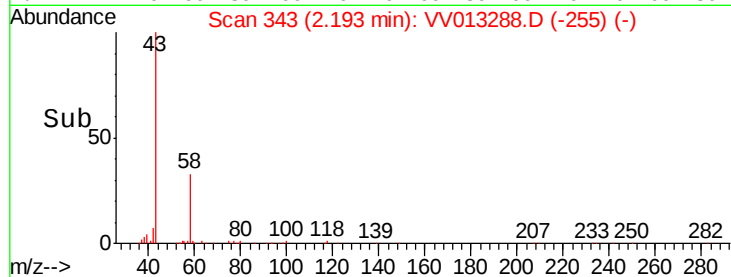
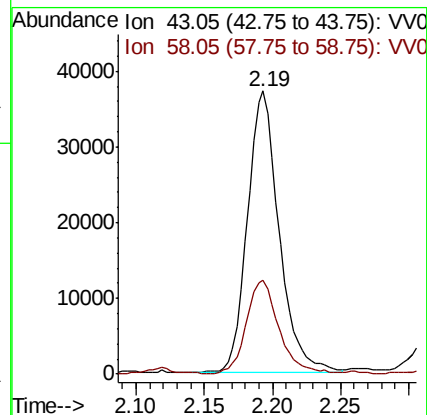
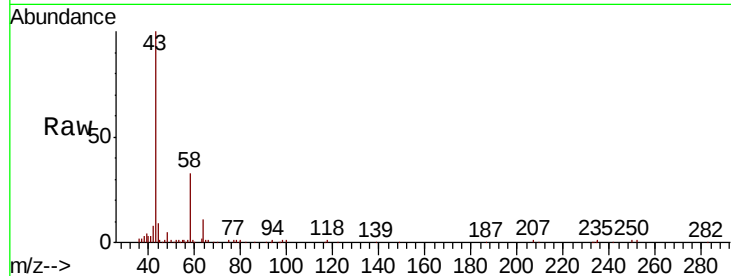
ClientSampleId :

Tot Ion: 43 Resp: 60062

Ion Ratio Lower Upper

43 100

58 34.6 0.0 26.2#



#15

Methyl Acetate

Concen: 1.391 ug/L

RT: 2.32 min Scan# 384

Delta R.T. -0.14 min

Lab File: VV013288.D

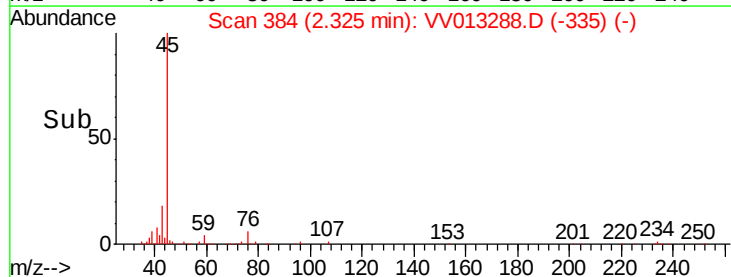
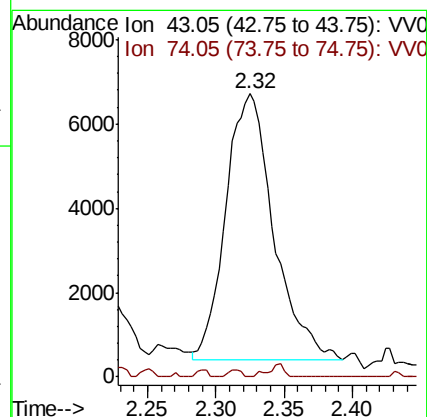
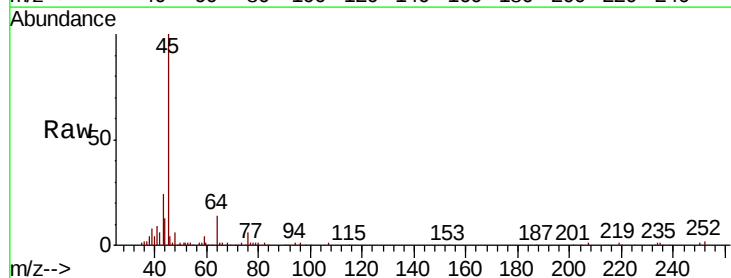
Acq: 22 Oct 2019 19:31

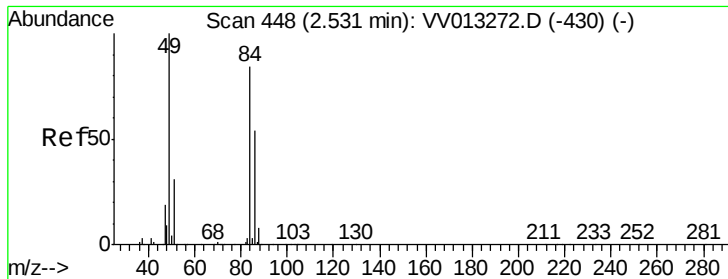
Tgt Ion: 43 Resp: 15350

Ion Ratio Lower Upper

43 100

74 0.7 20.4 30.6#

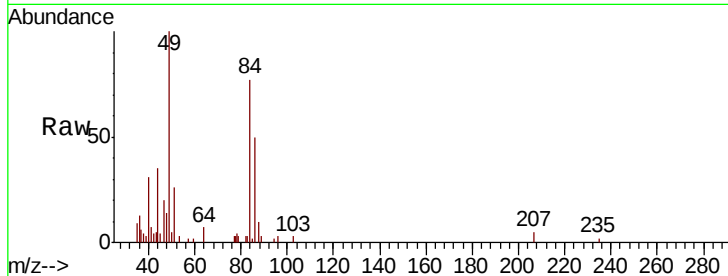




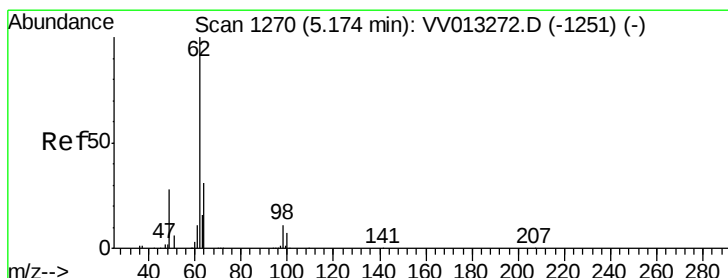
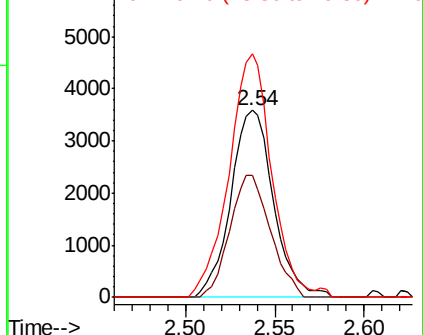
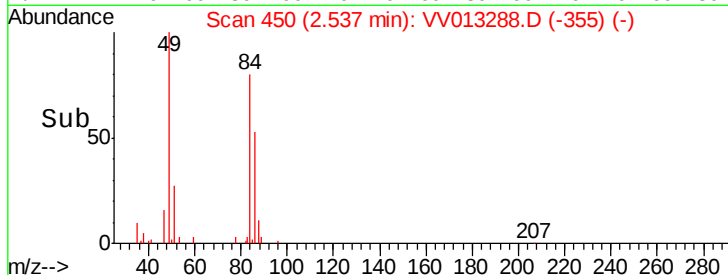
#16
Methvlene chloride
Concen: 0.113 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.01 min
Lab File: VV013288.D
Acq: 22 Oct 2019 19:31

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 84 Resp: 5970
Ion Ratio Lower Upper
84 100
86 65.5 46.2 85.8
49 130.4 76.4 141.8

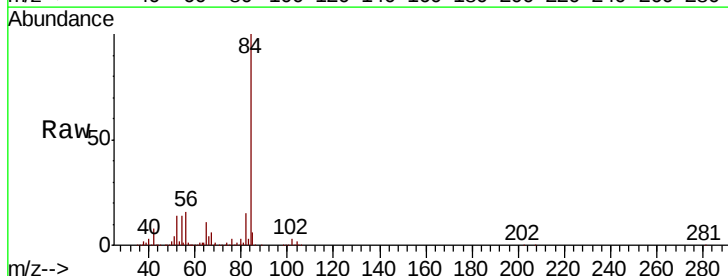


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

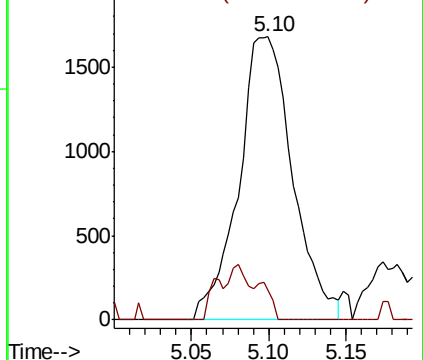
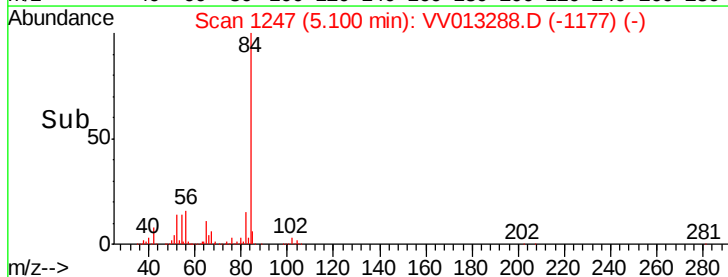


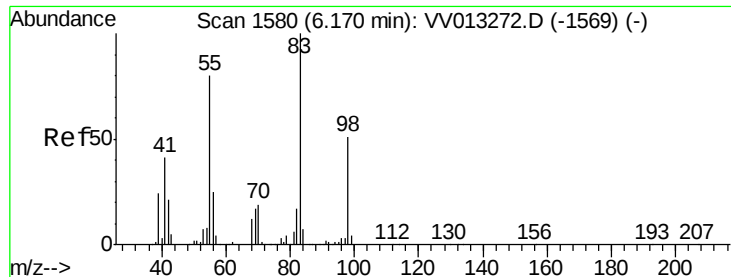
#27
1,2-Dichloroethane
Concen: 0.087 ug/L
RT: 5.10 min Scan# 1247
Delta R.T. -0.07 min
Lab File: VV013288.D
Acq: 22 Oct 2019 19:31

Tgt Ion: 62 Resp: 4084
Ion Ratio Lower Upper
62 100
98 10.8 8.3 12.5



Abundance Ion 62.00 (61.70 to 62.70): VV0
Ion 98.05 (97.75 to 98.75): VV0

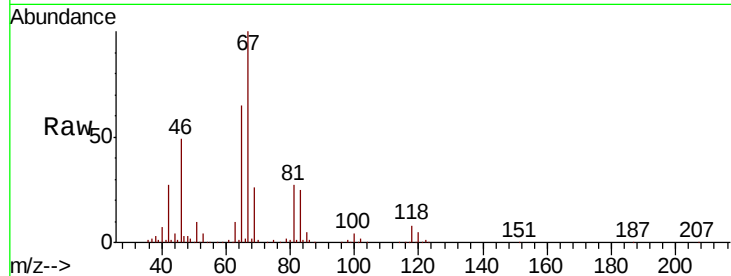




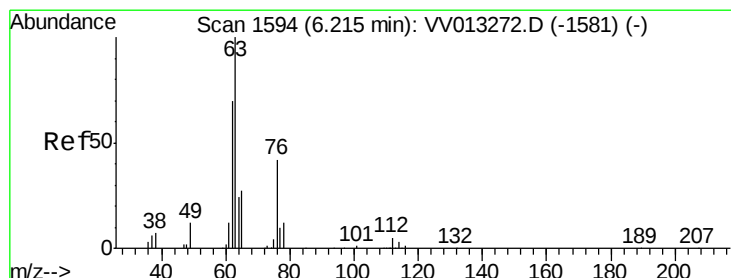
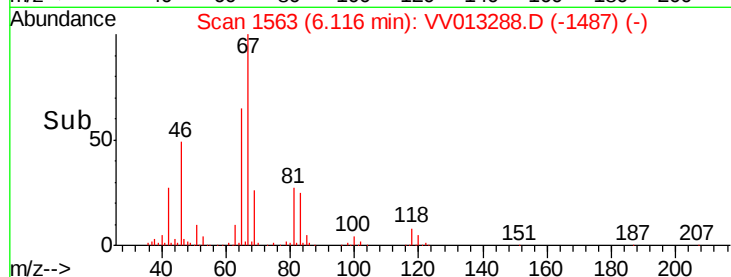
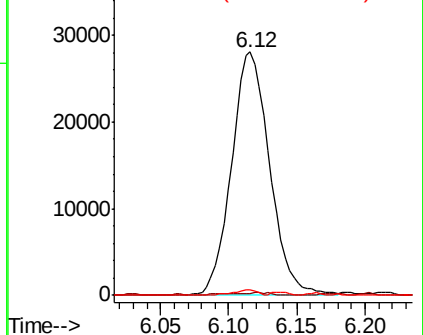
#35
Methvlcvclohexane
Concen: 0.698 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013288.D
Acq: 22 Oct 2019 19:31

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.4	93.6#
98	1.5	39.2	58.8#

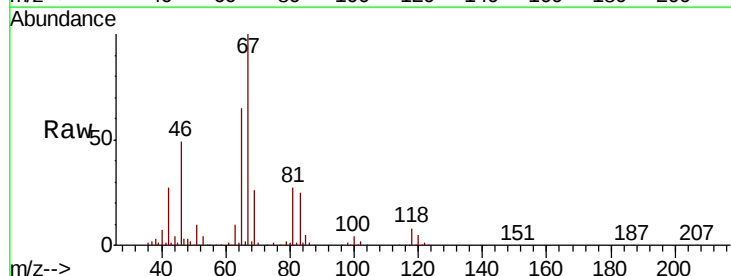


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

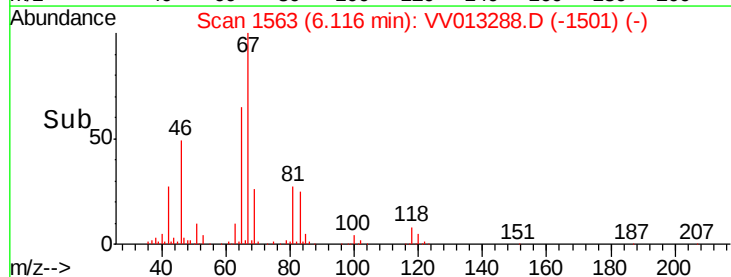
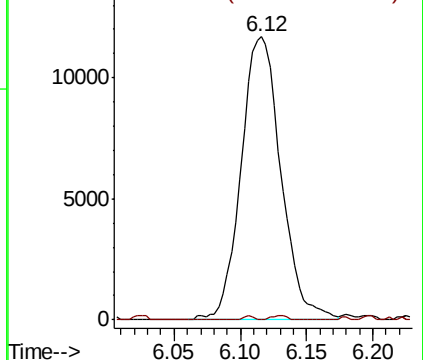


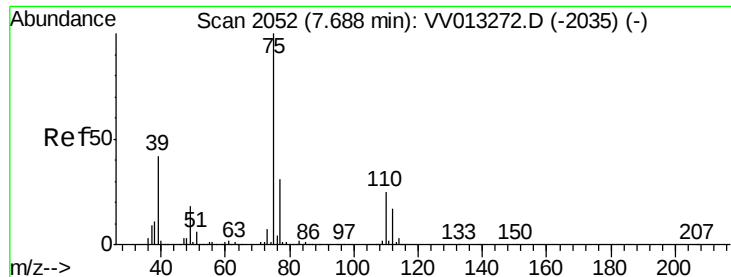
#37
1,2-Dichloropropane
Concen: 0.532 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV013288.D
Acq: 22 Oct 2019 19:31

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.4	4.1	6.1#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.060 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV013288.D

Acq: 22 Oct 2019 19:31

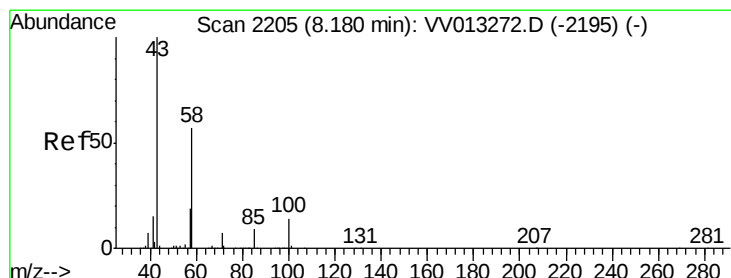
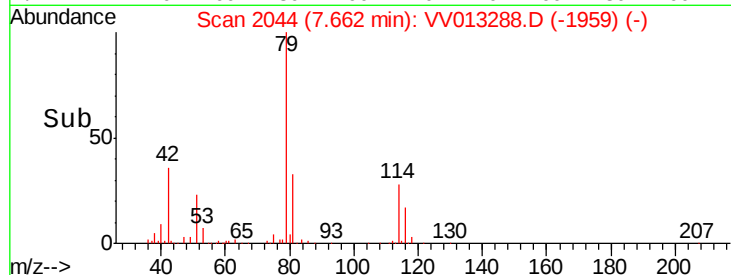
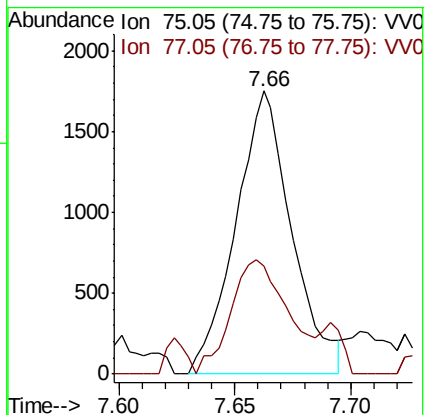
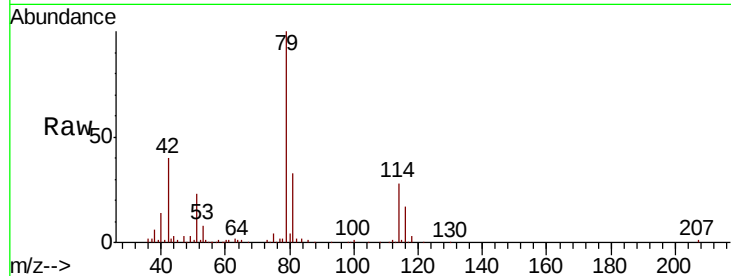
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 2936

Ion Ratio Lower Upper

75 100

77 38.2 21.8 40.6



#48

2-Hexanone

Concen: 0.912 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VV013288.D

Acq: 22 Oct 2019 19:31

Tgt Ion: 43 Resp: 15320

Ion Ratio Lower Upper

43 100

58 0.0 45.1 67.7#

57 15.8 15.5 23.3

100 8.5 10.2 15.2#

