

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102219\
 Data File : VV013287.D
 Acq On : 22 Oct 2019 19:07
 Operator : SY/MD
 Sample : K5404-01
 Misc : 25.00ML/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 23 01:27:47 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	436600	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	478410	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	251537	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	171084	5.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.40%
7) Chloroethane-d5	1.58	69	148220	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.60%
11) 1,1-Dichloroethene-d2	2.13	63	217227	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	3.93	46	369201	59.73	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.46%
24) Chloroform-d	4.40	84	355946	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.08	65	170723	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.10	84	708254	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.12	67	217789	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.36	98	577615	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	7.66	79	67862	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.13	63	224992	35.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.60%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	150685	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	252524	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

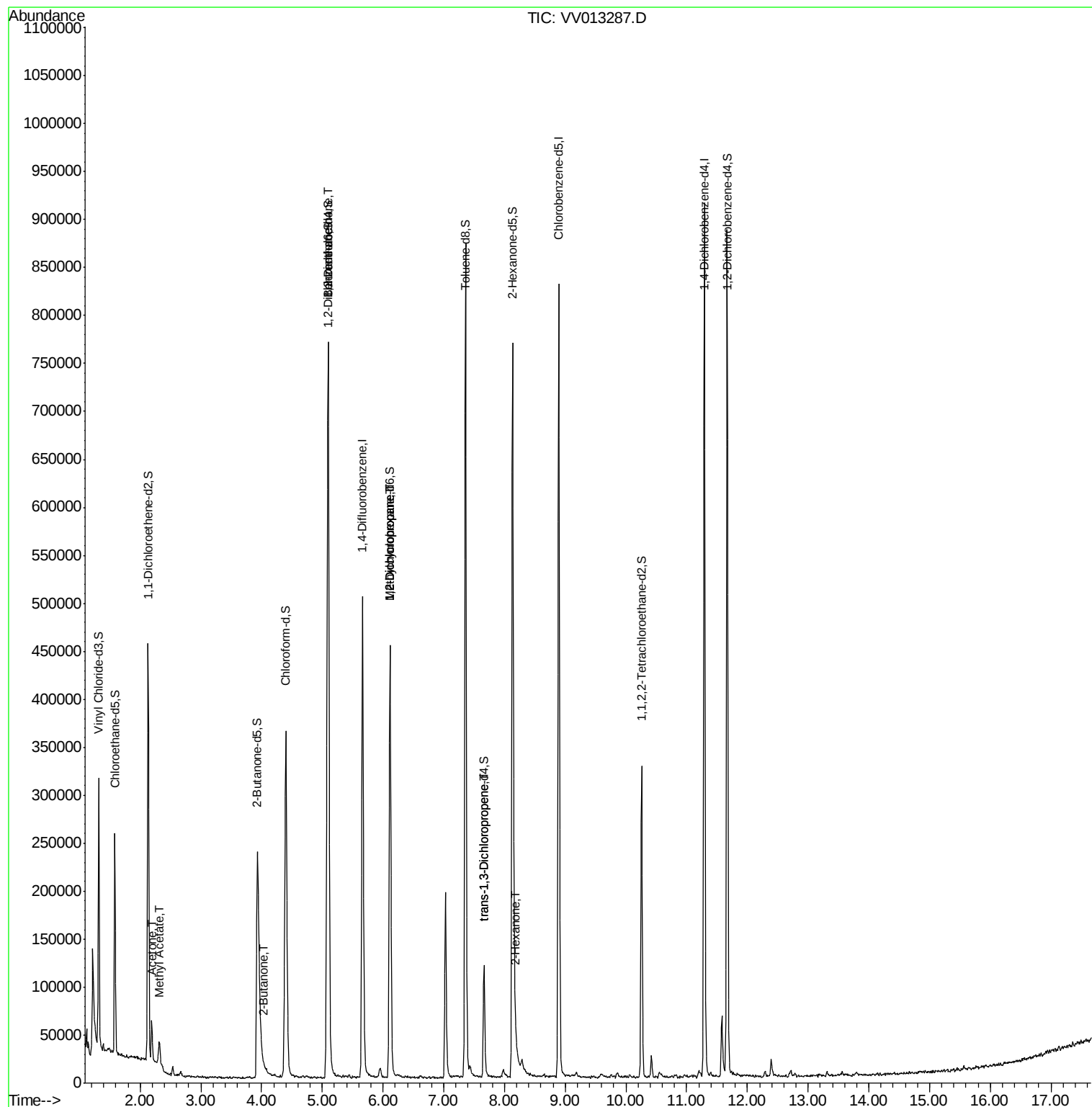
					Ovalue
13) Acetone	2.19	43	43594	13.640 ug/L #	52
15) Methyl Acetate	2.32	43	5374	0.497 ug/L #	54
21) 2-Butanone	4.04	43	9124	1.275 ug/L	77
27) 1,2-Dichloroethane	5.10	62	3827	0.084 ug/L	96
35) Methylcyclohexane	6.12	83	54161	0.718 ug/L #	18
37) 1,2-Dichloropropane	6.11	63	23583	0.531 ug/L #	86
44) trans-1,3-Dichloropropene	7.67	75	3012	0.064 ug/L #	63
48) 2-Hexanone	8.19	43	10776	0.665 ug/L #	38

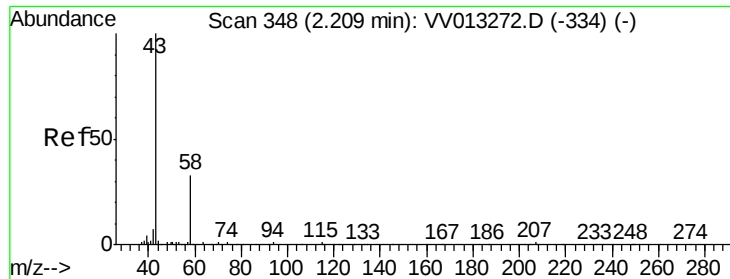
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 13.640 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.02 min

Lab File: VV013287.D

Acq: 22 Oct 2019 19:07

Instrument :

MSVOA_V

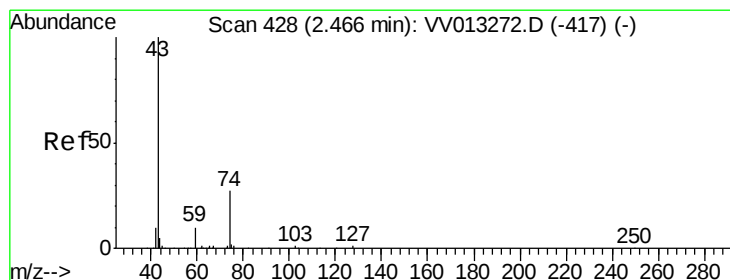
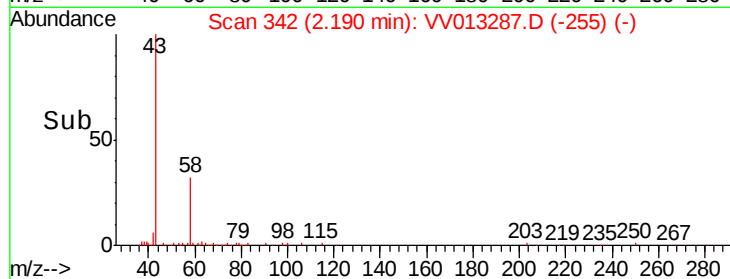
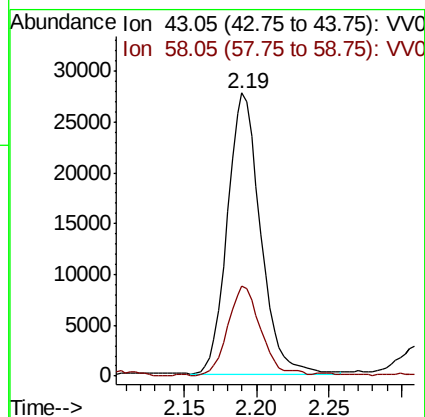
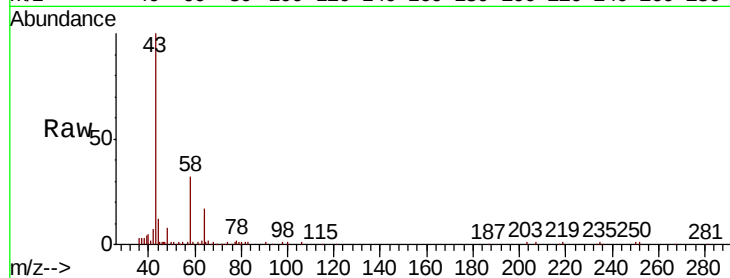
ClientSampleId :

Tot Ion: 43 Resp: 43594

Ion Ratio Lower Upper

43 100

58 32.4 0.0 26.2#



#15

Methyl Acetate

Concen: 0.497 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.15 min

Lab File: VV013287.D

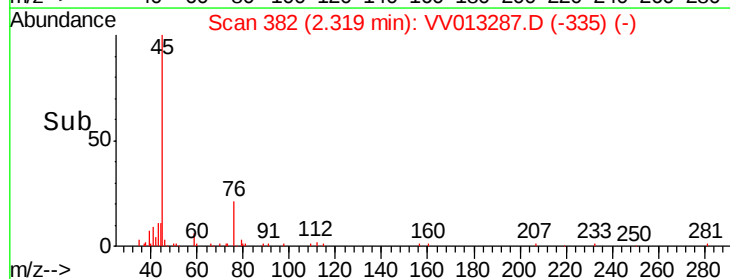
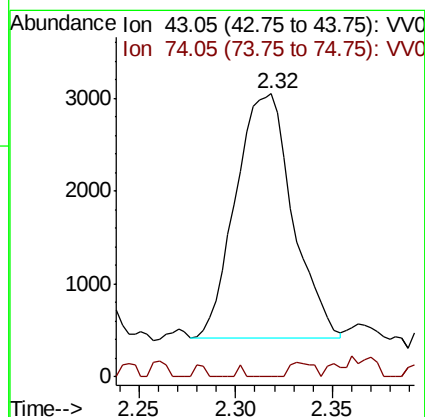
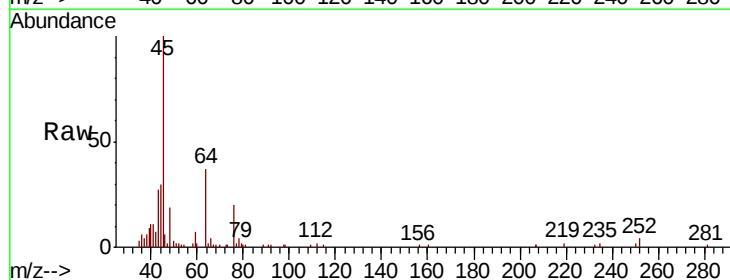
Acq: 22 Oct 2019 19:07

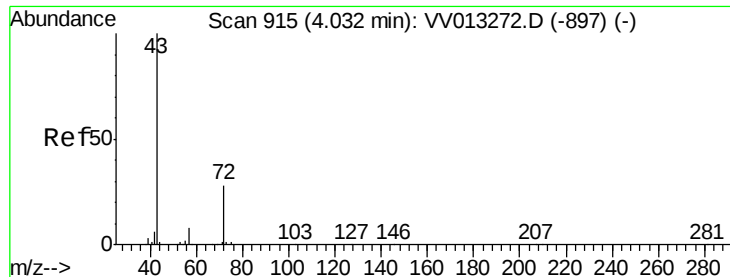
Tgt Ion: 43 Resp: 5374

Ion Ratio Lower Upper

43 100

74 2.5 20.4 30.6#





#21

2-Butanone

Concen: 1.275 ug/L

RT: 4.04 min Scan# 916

Delta R.T. 0.00 min

Lab File: VV013287.D

Acq: 22 Oct 2019 19:07

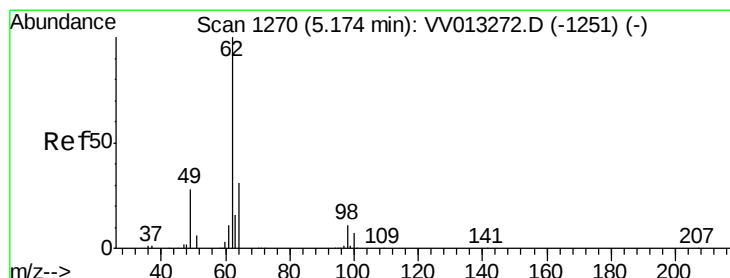
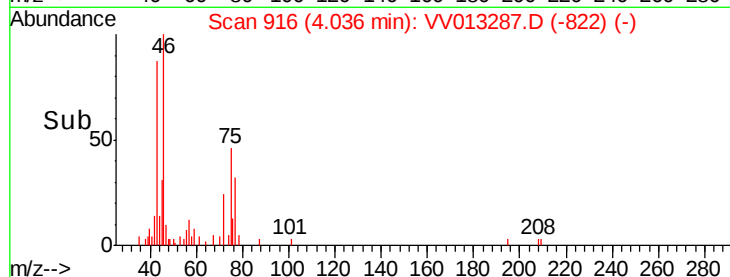
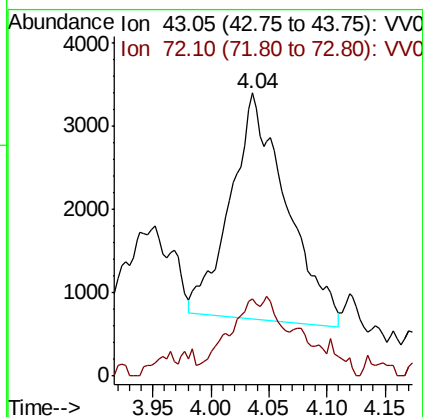
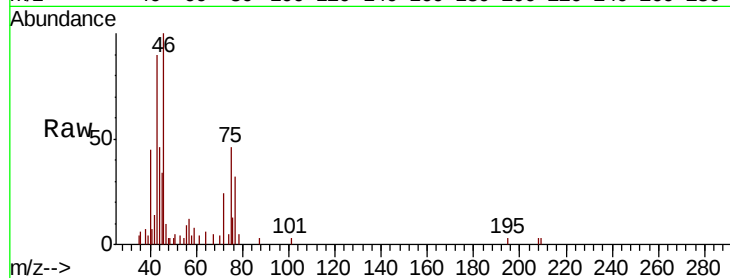
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 9124

Ion Ratio Lower Upper

43 100

72 14.5 13.1 39.3



#27

1,2-Dichloroethane

Concen: 0.084 ug/L

RT: 5.10 min Scan# 1247

Delta R.T. -0.07 min

Lab File: VV013287.D

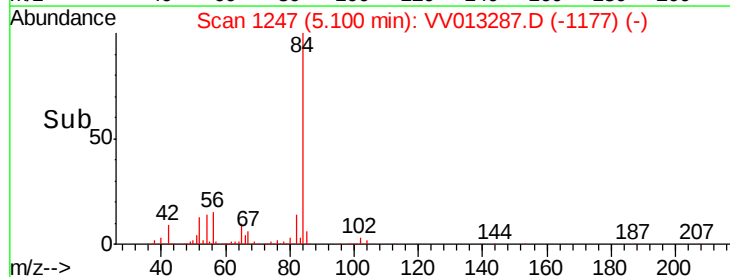
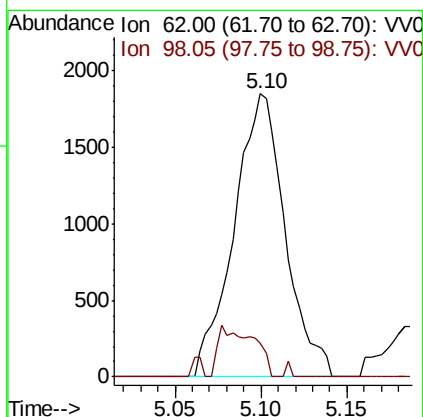
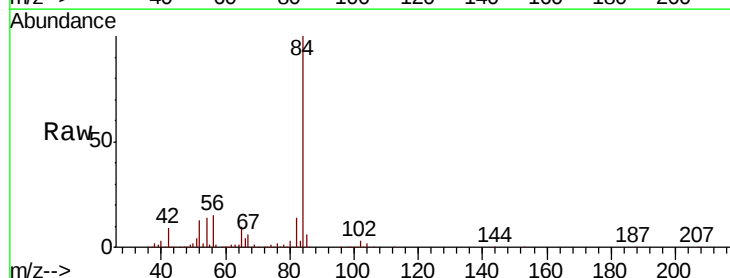
Acq: 22 Oct 2019 19:07

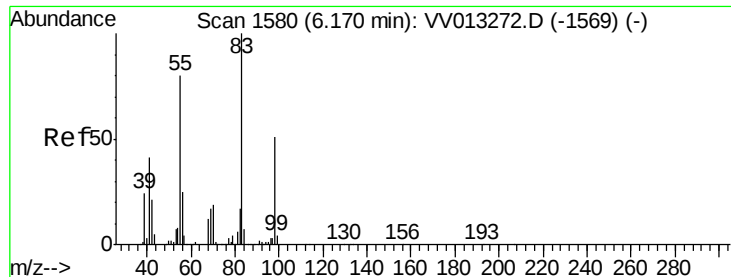
Tgt Ion: 62 Resp: 3827

Ion Ratio Lower Upper

62 100

98 11.8 8.3 12.5

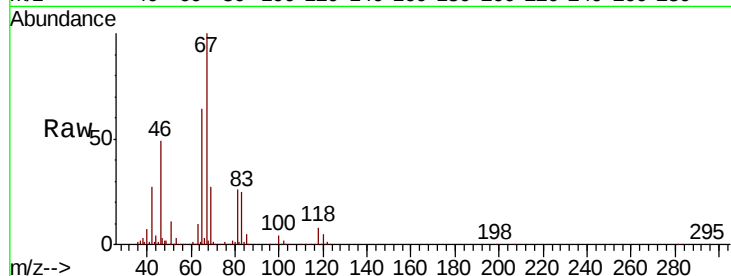




#35
Methylcyclohexane
Concen: 0.718 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013287.D
Acq: 22 Oct 2019 19:07

Instrument :
MSVOA_V
ClientSampleId :

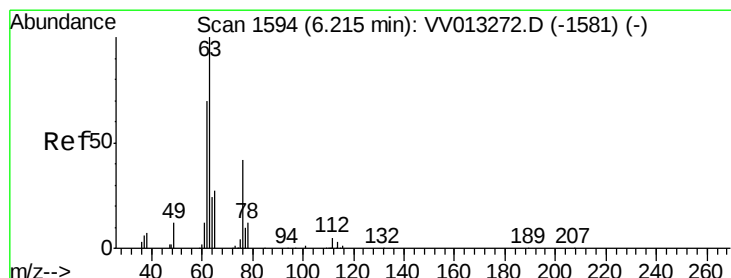
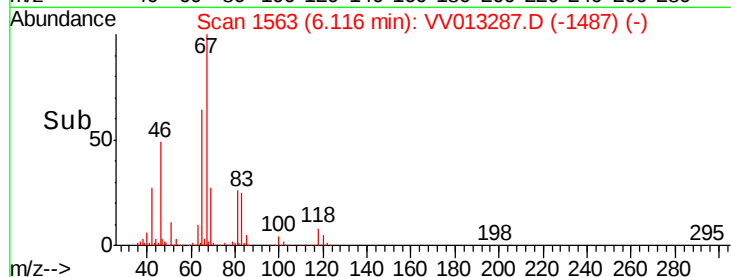
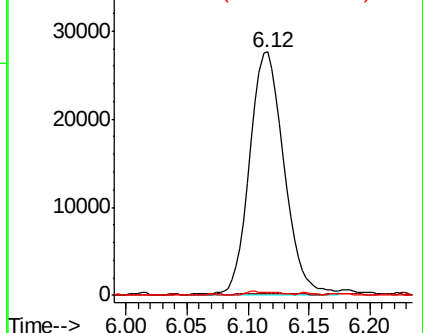
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.8	62.4	93.6#
98	0.8	39.2	58.8#



Abundance Ion 83.15 (82.85 to 83.85): VV013287.D (-1569) (-)

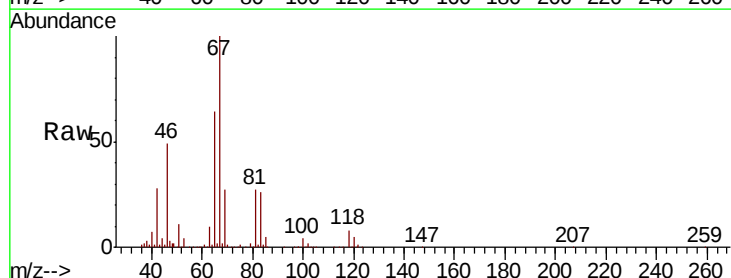
Ion 55.10 (54.80 to 55.80): VV013287.D (-1569) (-)

Ion 98.15 (97.85 to 98.85): VV013287.D (-1569) (-)



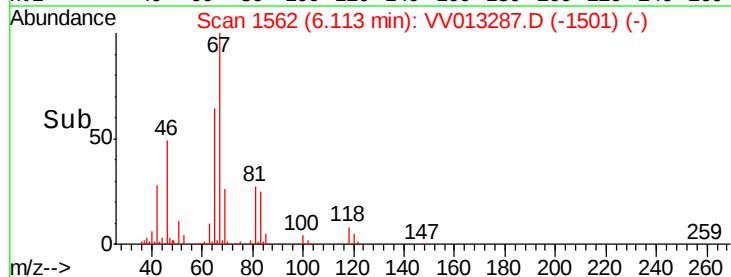
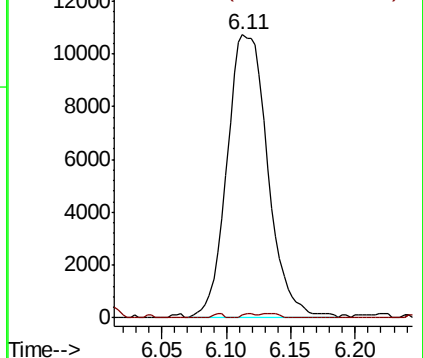
#37
1,2-Dichloropropane
Concen: 0.531 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV013287.D
Acq: 22 Oct 2019 19:07

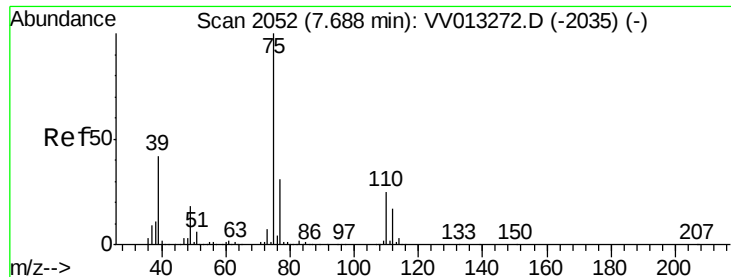
Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.4	4.1	6.1#



Abundance Ion 63.10 (62.80 to 63.80): VV013287.D (-1581) (-)

Ion 112.10 (111.80 to 112.80): VV013287.D (-1581) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.064 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.02 min

Lab File: VV013287.D

Acq: 22 Oct 2019 19:07

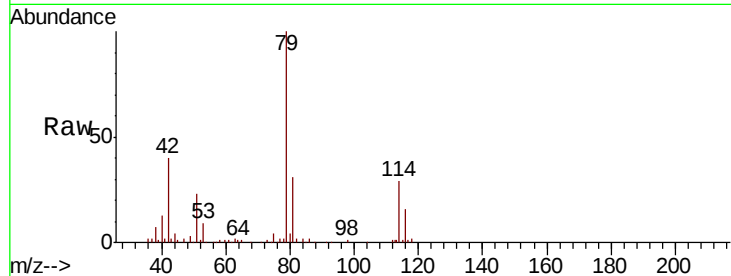
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 3012

Ion Ratio Lower Upper

75 100

77 51.7 21.8 40.6#



Abundance Ion 75.05 (74.75 to 75.75): VV013272.D (-2035) (-)

Ion 77.05 (76.75 to 77.75): VV013272.D (-2035) (-)

7.67

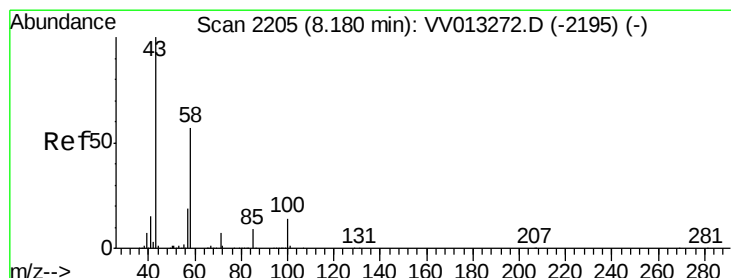
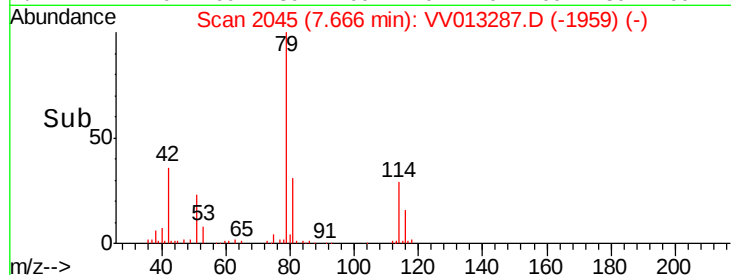
1500

1000

500

0

Time-->



#48

2-Hexanone

Concen: 0.665 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. 0.01 min

Lab File: VV013287.D

Acq: 22 Oct 2019 19:07

Tgt Ion: 43 Resp: 10776

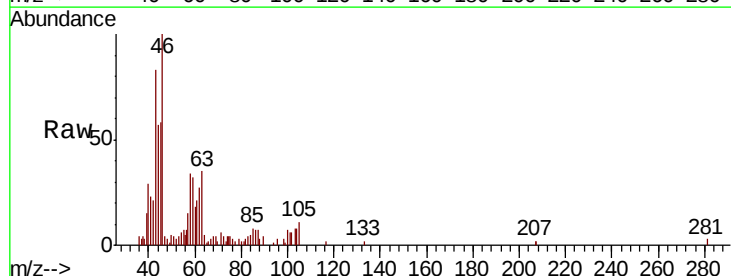
Ion Ratio Lower Upper

43 100

58 0.0 45.1 67.7#

57 0.0 15.5 23.3#

100 2.1 10.2 15.2#



Abundance Ion 43.05 (42.75 to 43.75): VV013272.D (-2195) (-)

Ion 58.05 (57.75 to 58.75): VV013272.D (-2195) (-)

Ion 57.20 (56.90 to 57.90): VV013272.D (-2195) (-)

Ion 100.15 (99.85 to 100.85): VV013272.D (-2195) (-)

25000

20000

15000

10000

5000

0

Time-->

