

Data File : VV013457.D
Acq On : 31 Oct 2019 20:13
Operator : SY/MD
Sample : K5635-01
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BE9G6

Quant Time: Nov 01 05:36:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR103119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 01 05:32:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	339870	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	359063	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	189037	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	126916	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	1.58	69	106554	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.13	63	169243	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	3.93	46	397623	51.24	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.48%
24) Chloroform-d	4.40	84	286403	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.08	65	154430	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.10	84	568023	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.12	67	184142	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.36	98	480555	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.66	79	64977	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.13	63	229307	41.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	123522	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	197780	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

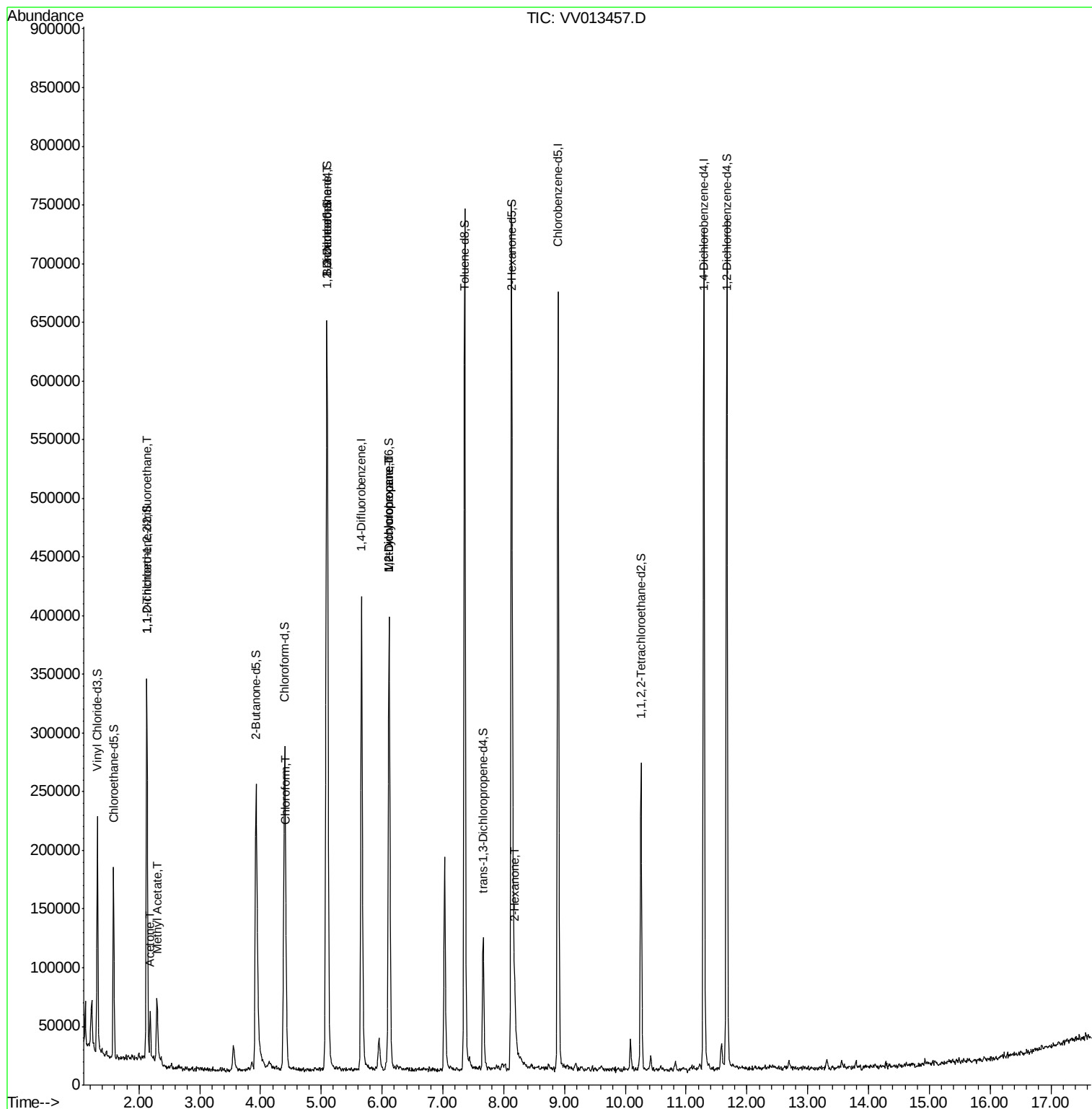
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2014	0.079	ug/L #	29
13) Acetone	2.19	43	39015	11.096	ug/L	95
15) Methyl Acetate	2.30	43	12546	1.005	ug/L #	54
25) Chloroform	4.42	83	6621	0.104	ug/L	93
27) 1,2-Dichloroethane	5.10	62	3542	0.099	ug/L	99
35) Methylcyclohexane	6.12	83	43771	0.814	ug/L #	17
37) 1,2-Dichloropropane	6.11	63	19828	0.620	ug/L #	88
48) 2-Hexanone	8.18	43	34057	2.309	ug/L #	87

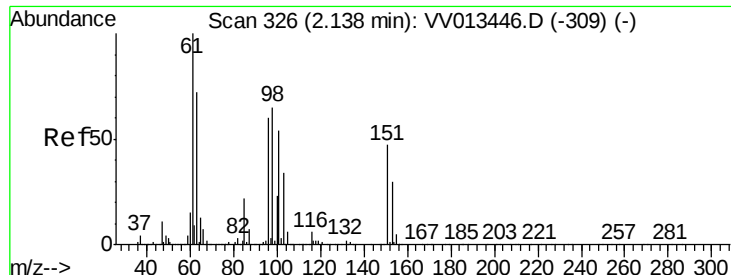
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 01 05:32:11 2019
Response via : Initial Calibration





#10

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

Concen: 0.079 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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Acq: 31 Oct 2019 20:13

Instrument :

MSVOA_V

ClientSampleId :

BE9G6

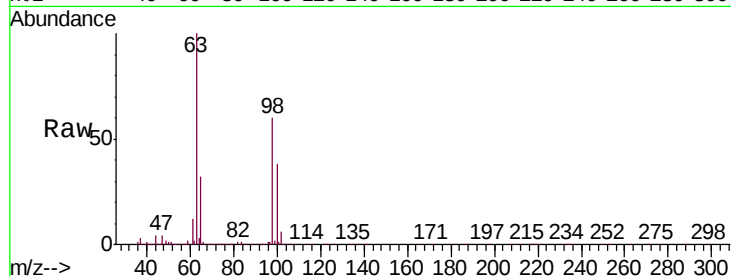
Tgt Ion:101 Resp: 2014

Ion Ratio Lower Upper

101 100

85 20.0 33.1 49.7#

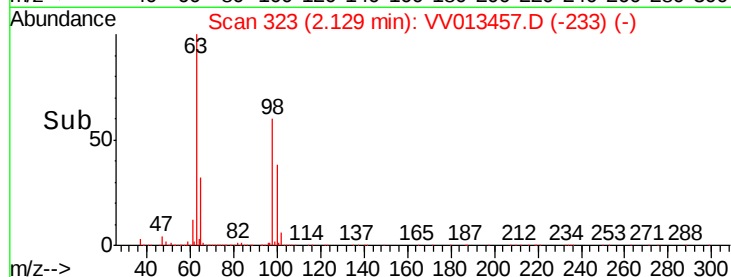
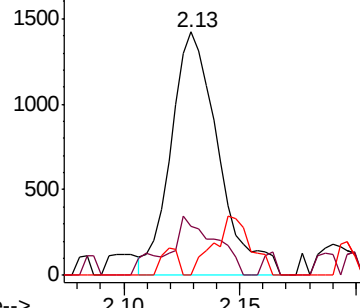
151 4.1 68.8 103.2#



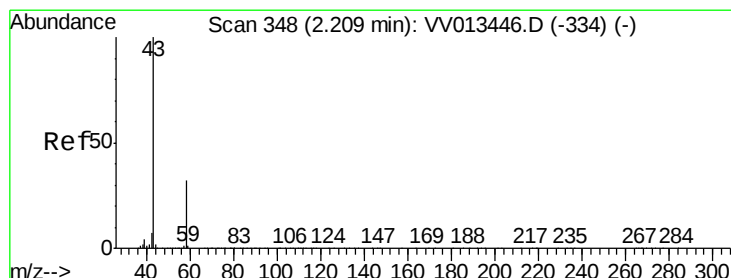
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time-->



#13

Acetone

Concen: 11.096 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

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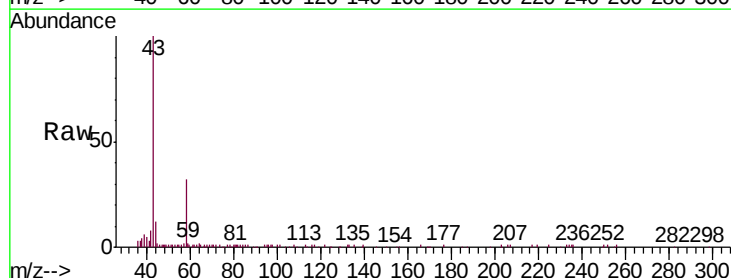
Acq: 31 Oct 2019 20:13

Tgt Ion: 43 Resp: 39015

Ion Ratio Lower Upper

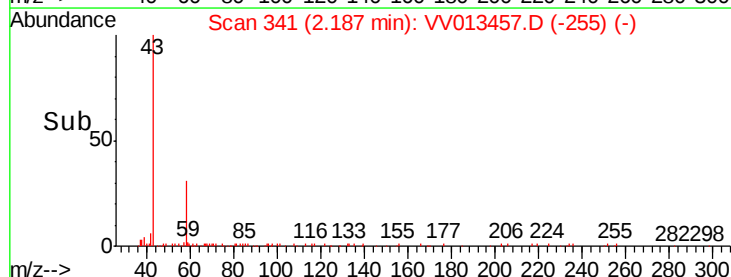
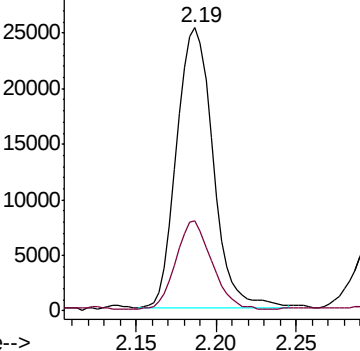
43 100

58 31.6 0.0 58.0

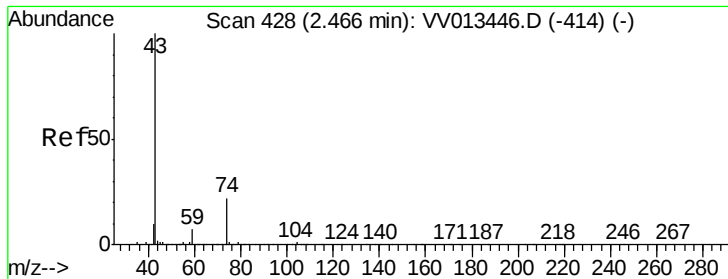


Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



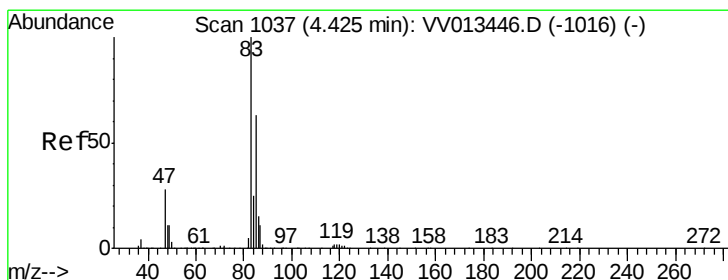
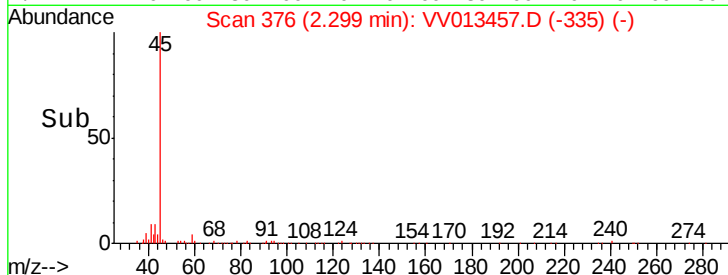
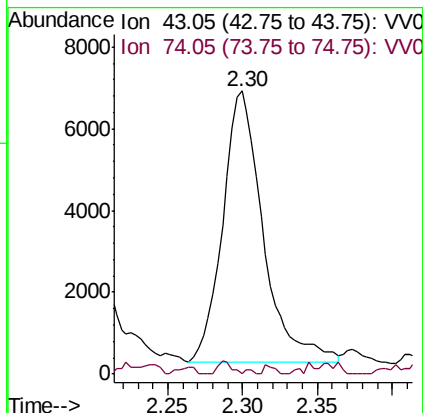
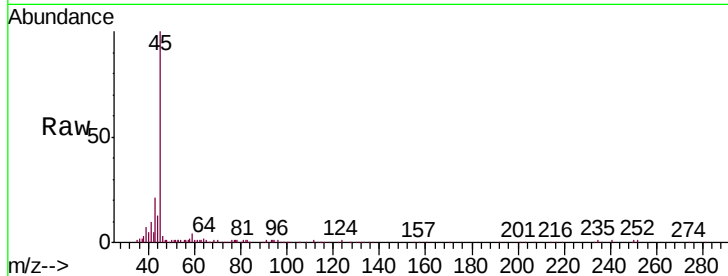
Time-->



#15
Methyl Acetate
Concen: 1.005 ug/L
RT: 2.30 min Scan# 376
Delta R.T. -0.17 min
Lab File: VV013457.D
Acq: 31 Oct 2019 20:13

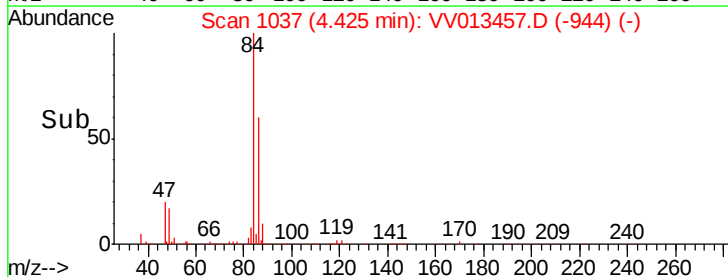
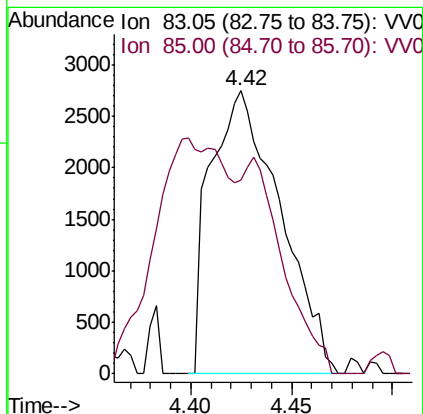
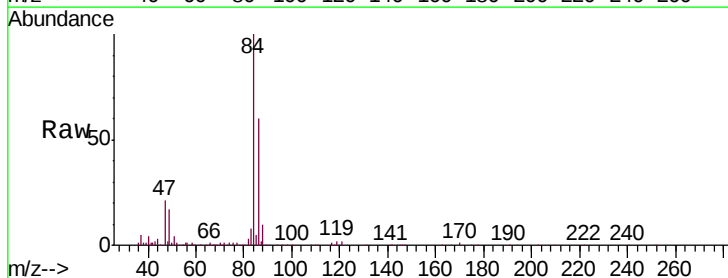
Instrument :
MSVOA_V
ClientSampleId :
BE9G6

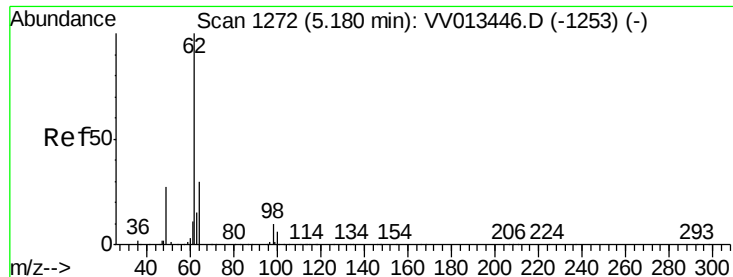
Tgt Ion: 43 Resp: 12546
Ion Ratio Lower Upper
43 100
74 0.3 17.8 26.8#



#25
Chloroform
Concen: 0.104 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV013457.D
Acq: 31 Oct 2019 20:13

Tgt Ion: 83 Resp: 6621
Ion Ratio Lower Upper
83 100
85 68.4 44.1 81.9





#27

1,2-Dichloroethane

Concen: 0.099 ug/L

RT: 5.10 min Scan# 1246

Delta R.T. -0.08 min

Lab File: VV013457.D

Acq: 31 Oct 2019 20:13

Instrument :

MSVOA_V

ClientSampleId :

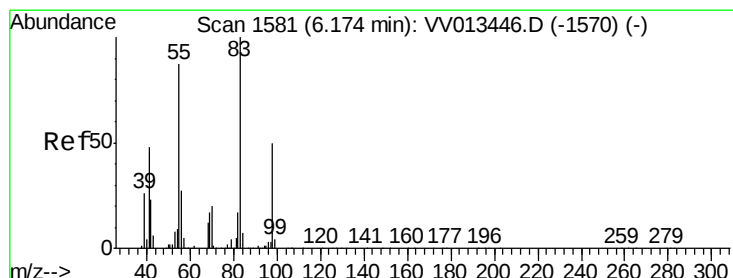
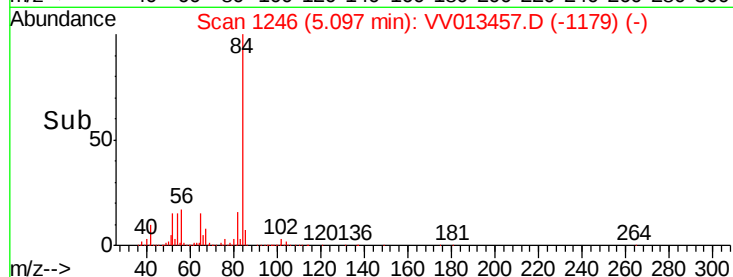
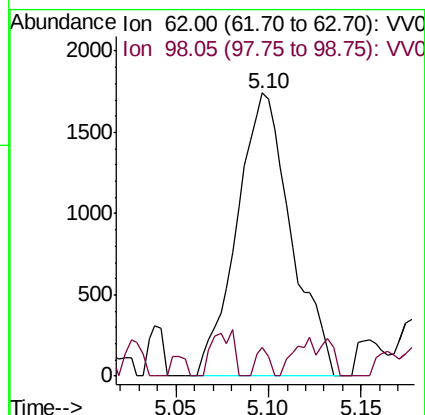
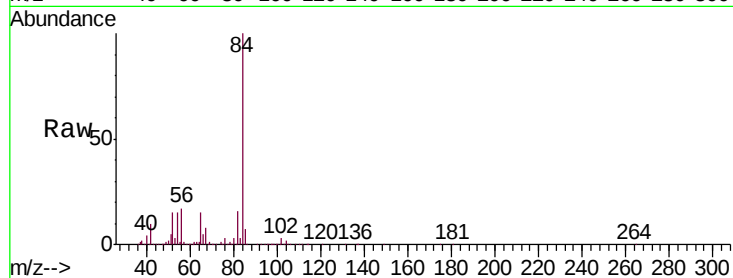
BE9G6

Tgt Ion: 62 Resp: 3542

Ion Ratio Lower Upper

62 100

98 10.0 7.7 11.5



#35

Methylcyclohexane

Concen: 0.814 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV013457.D

Acq: 31 Oct 2019 20:13

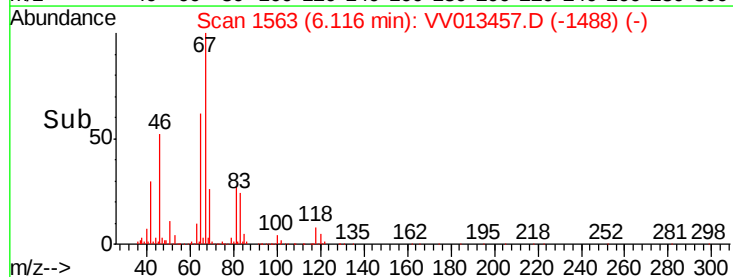
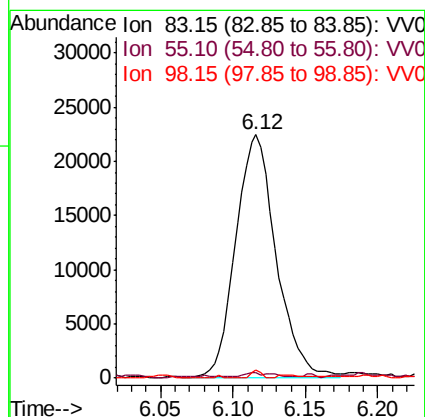
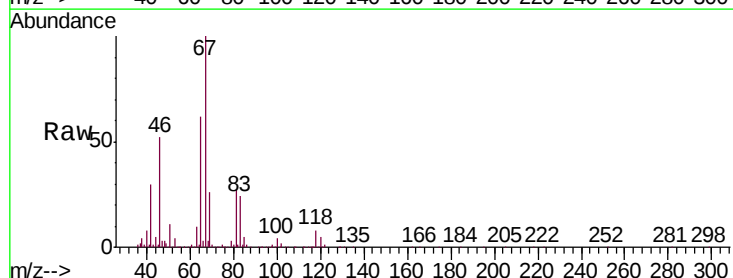
Tgt Ion: 83 Resp: 43771

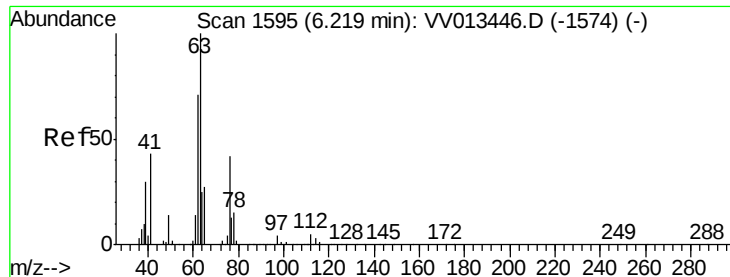
Ion Ratio Lower Upper

83 100

55 0.8 64.6 96.8#

98 0.7 39.1 58.7#





#37

1,2-Dichloropropane

Concen: 0.620 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV013457.D

Acq: 31 Oct 2019 20:13

Instrument :

MSVOA_V

ClientSampleId :

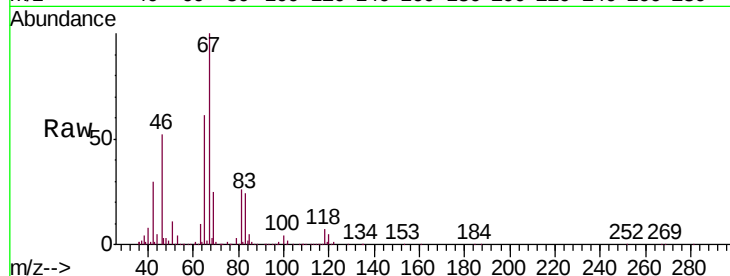
BE9G6

Tgt Ion: 63 Resp: 19828

Ion Ratio Lower Upper

63 100

112 0.7 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

6.11

10000

8000

6000

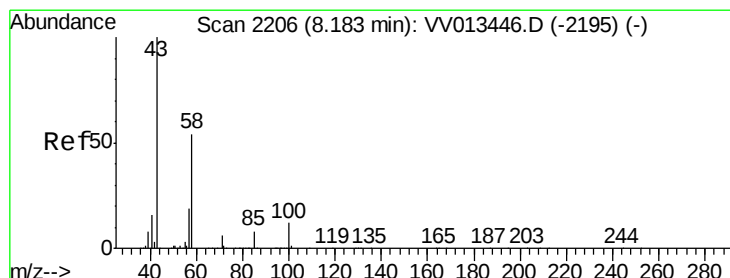
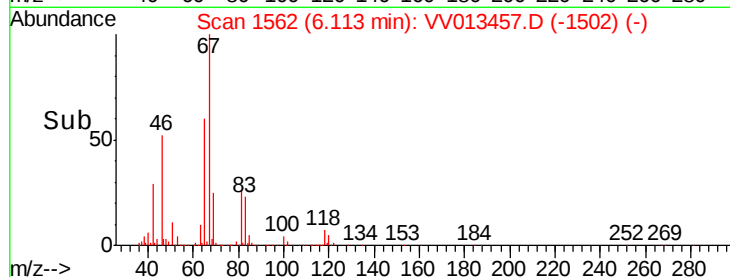
4000

2000

0

6.05 6.10 6.15 6.20

Time-->



#48

2-Hexanone

Concen: 2.309 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV013457.D

Acq: 31 Oct 2019 20:13

Tgt Ion: 43 Resp: 34057

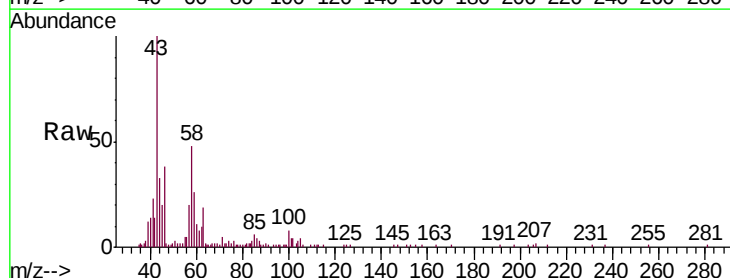
Ion Ratio Lower Upper

43 100

58 39.4 42.2 63.4#

57 20.8 14.9 22.3

100 10.7 9.0 13.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

25000

20000

15000

10000

5000

0

8.15 8.20 8.25

Time-->

