

Data File : VV013956.D
Acq On : 09 Dec 2019 12:29
Operator : SY/MD
Sample : PB125309TB
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VLEB01

Quant Time: Dec 10 04:32:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 10 04:29:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	646344	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	640349	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	248004	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	193156	51.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	103.34%		
7) Chloroethane-d5	1.57	69	202466	51.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	103.78%		
11) 1,1-Dichloroethene-d2	2.13	63	317462	38.40	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.80%		
21) 2-Butanone-d5	3.92	46	260614	99.05	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.05%		
24) Chloroform-d	4.40	84	374310	47.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.36%		
26) 1,2-Dichloroethane-d4	5.08	65	240605	48.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.74%		
32) Benzene-d6	5.09	84	768706	46.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.66%		
36) 1,2-Dichloropropane-d6	6.11	67	227958	45.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.54%		
41) Toluene-d8	7.35	98	664791	43.95	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.90%		
43) trans-1,3-Dichloropropene-	7.66	79	100720	41.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.12%		
47) 2-Hexanone-d5	8.13	63	187131	100.62	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.62%		
57) 1,1,2,2-Tetrachloroethane-	10.25	84	313362	43.45	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.90%		
64) 1,2-Dichlorobenzene-d4	11.67	152	243680	50.03	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.06%		

Target Compounds

						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3637	0.748	ug/L #	22
13) Acetone	2.18	43	19651	5.097	ug/L	92
15) Methyl Acetate	2.47	43	6094	1.282	ug/L #	78
16) Methylene chloride	2.53	84	10037	2.053	ug/L	97
40) 4-Methyl-2-pentanone	7.27	43	7233	1.205	ug/L	91
48) 2-Hexanone	8.23	43	93552	19.486	ug/L #	1
59) 1,2,3-Trichloropropane	11.29	75	23284	3.728	ug/L	89

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

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Instrument :
MSVOA_V
ClientSampleId :
VLEB01

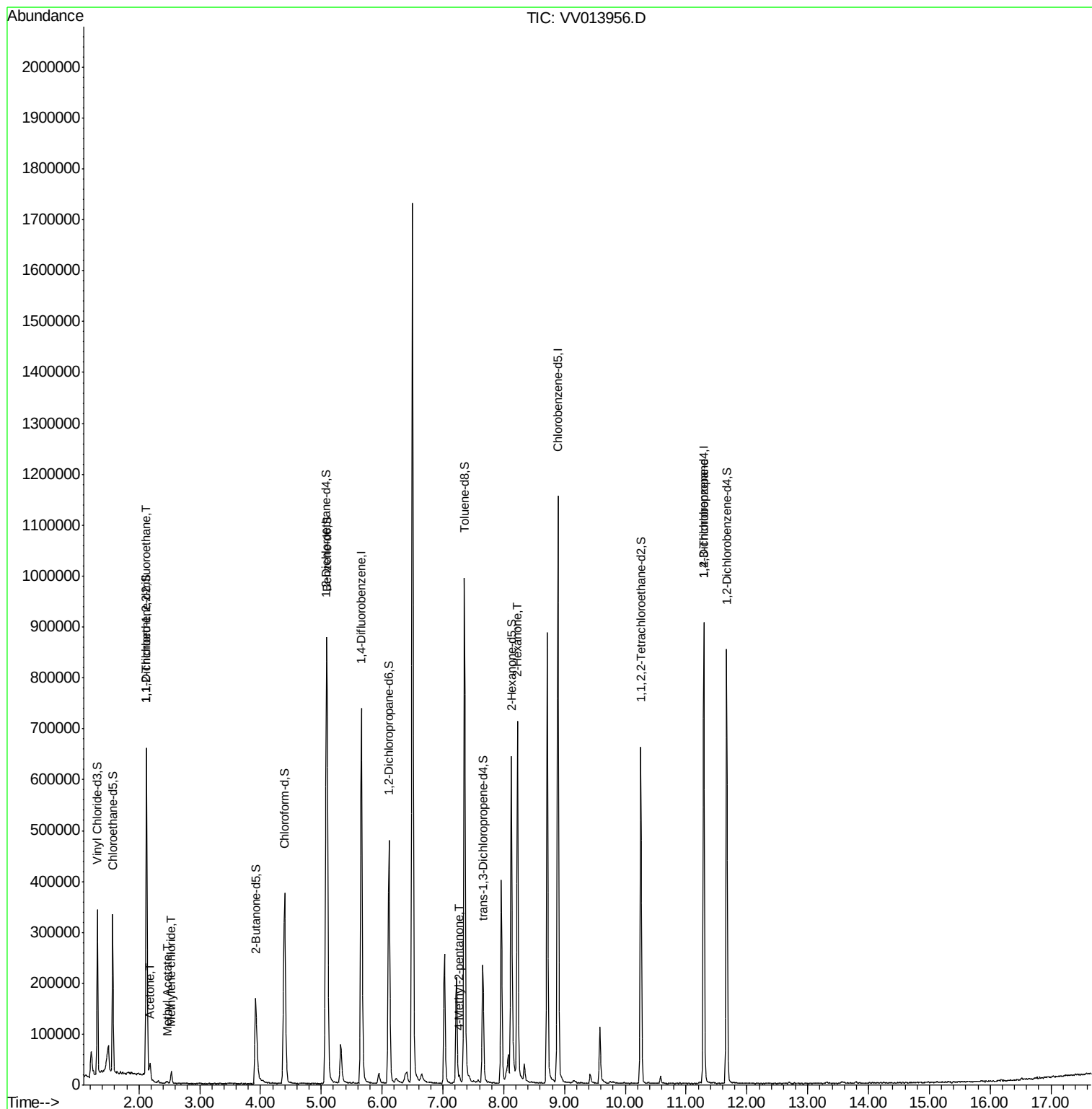
Quant Time: Dec 10 04:32:19 2019

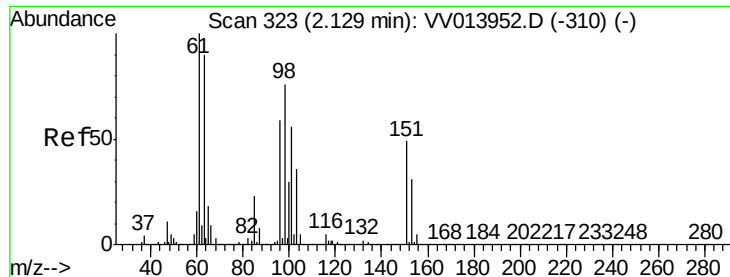
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Quant Title : VOC Analysis

QLast Update : Tue Dec 10 04:29:32 2019

Response via : Initial Calibration





#10

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

Concen: 0.748 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV013956.D

Acq: 09 Dec 2019 12:29

Instrument :

MSVOA_V

ClientSampleId :

VLEB01

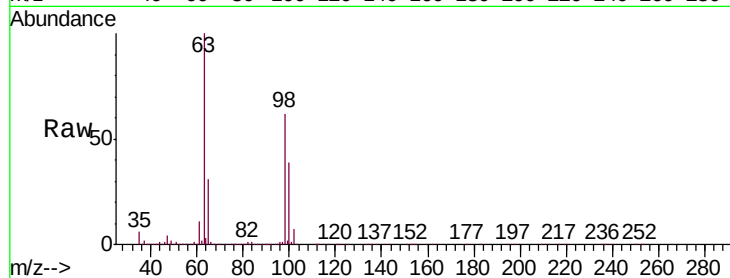
Tgt Ion:101 Resp: 3637

Ion Ratio Lower Upper

101 100

85 4.3 32.5 48.7#

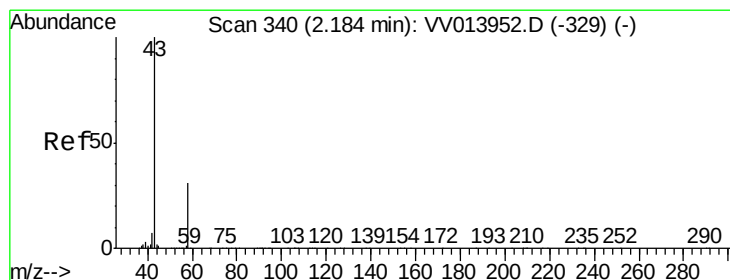
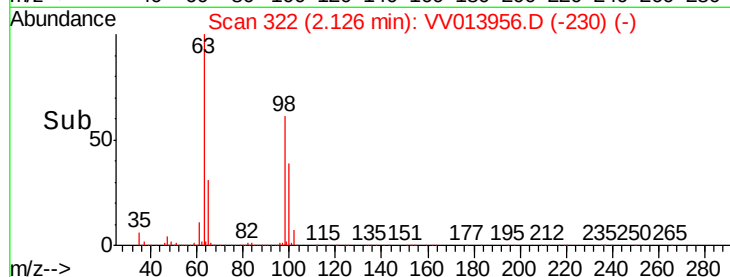
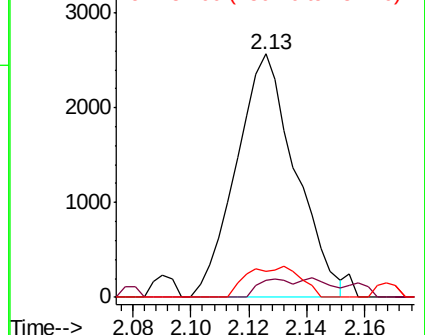
151 6.3 69.8 104.6#



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



#13

Acetone

Concen: 5.097 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV013956.D

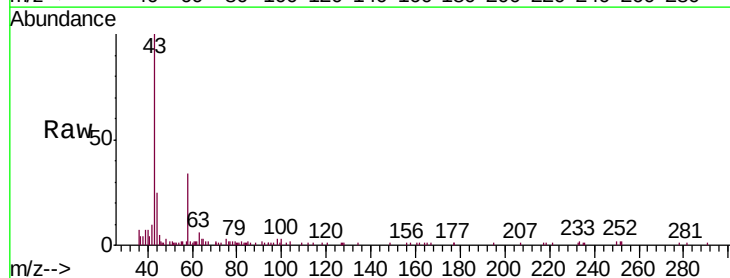
Acq: 09 Dec 2019 12:29

Tgt Ion: 43 Resp: 19651

Ion Ratio Lower Upper

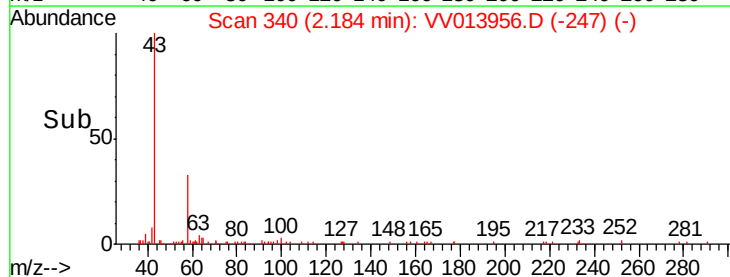
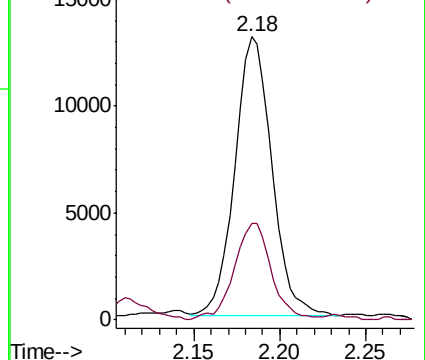
43 100

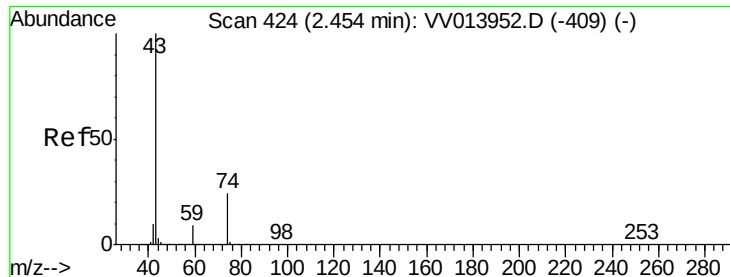
58 34.6 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

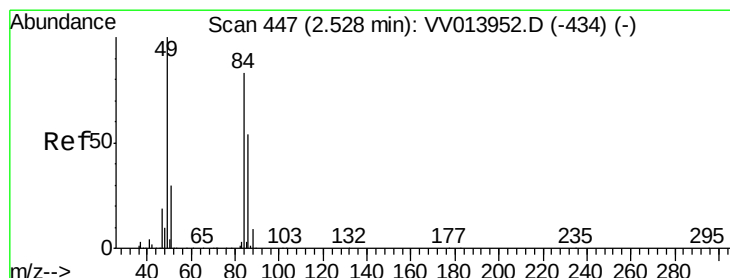
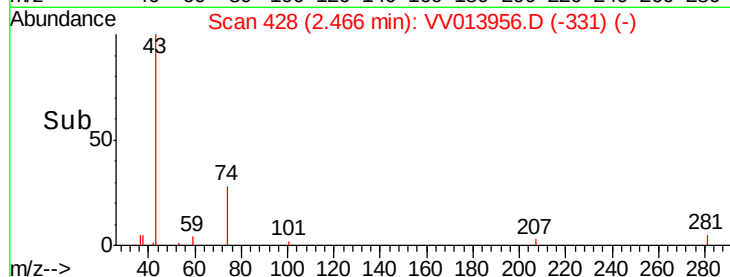
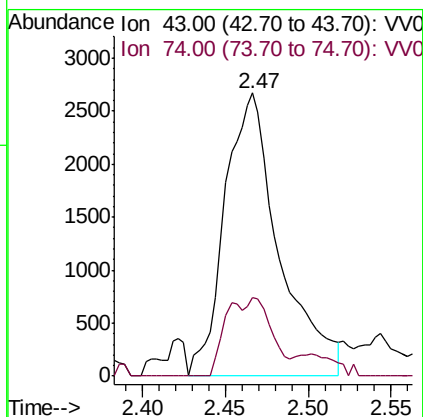
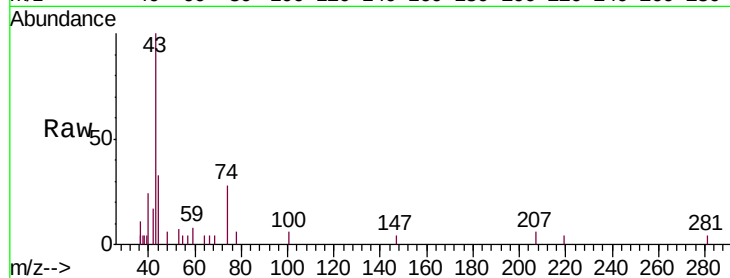




#15
Methyl Acetate
Concen: 1.282 ug/L
RT: 2.47 min Scan# 428
Delta R.T. 0.01 min
Lab File: VV013956.D
Acq: 09 Dec 2019 12:29

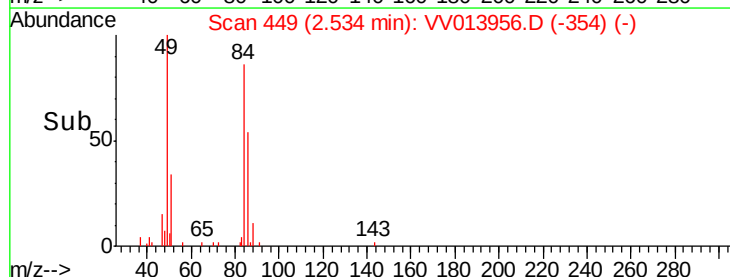
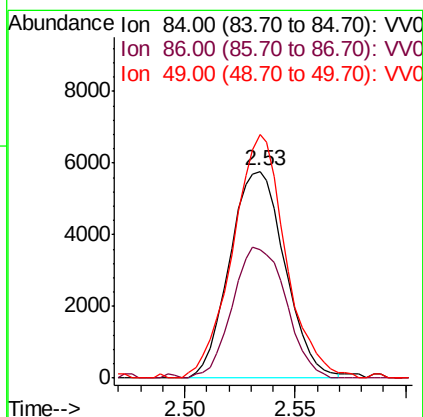
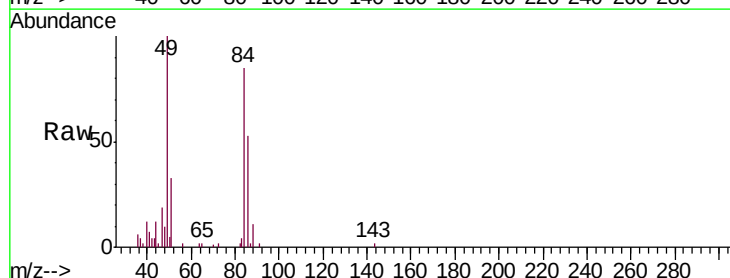
Instrument :
MSVOA_V
ClientSampleId :
VLEB01

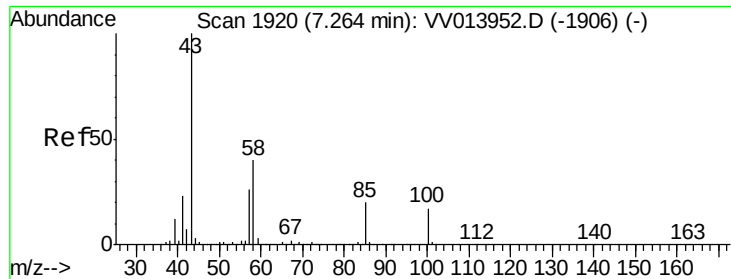
Tgt Ion: 43 Resp: 6094
Ion Ratio Lower Upper
43 100
74 13.4 19.3 28.9#



#16
Methylene chloride
Concen: 2.053 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.01 min
Lab File: VV013956.D
Acq: 09 Dec 2019 12:29

Tgt Ion: 84 Resp: 10037
Ion Ratio Lower Upper
84 100
86 62.2 43.9 81.5
49 117.9 79.7 147.9

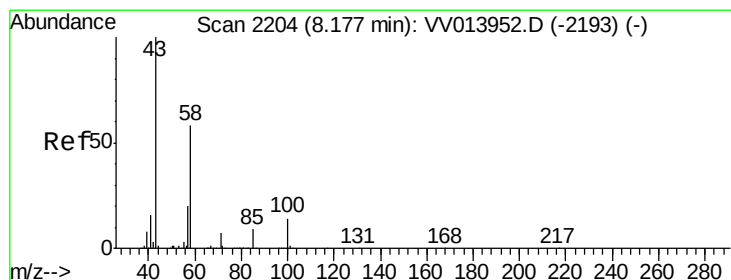
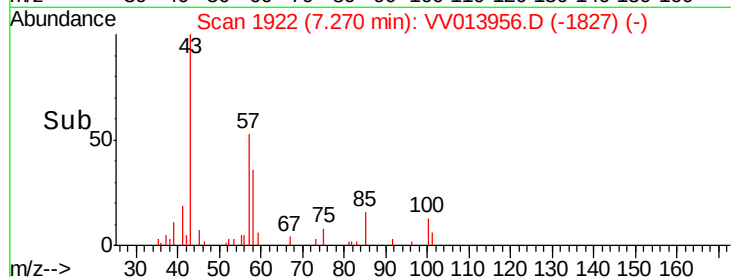
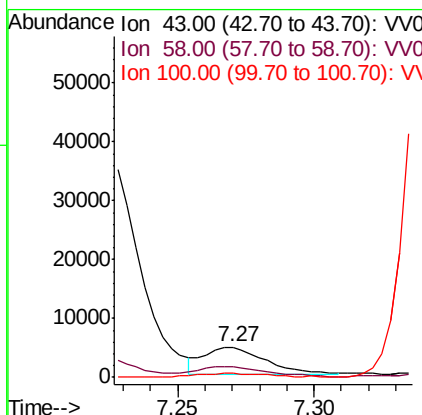
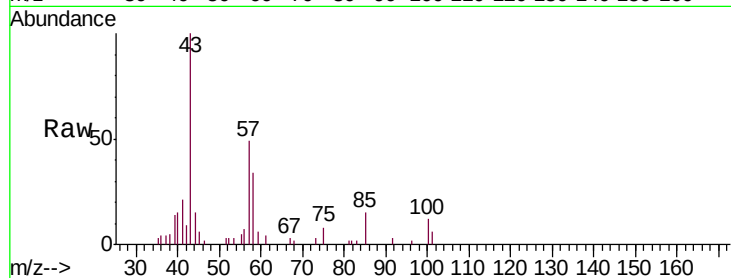




#40
 4-Methyl-2-pentanone
 Concen: 1.205 ug/L
 RT: 7.27 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: VV013956.D
 Acq: 09 Dec 2019 12:29

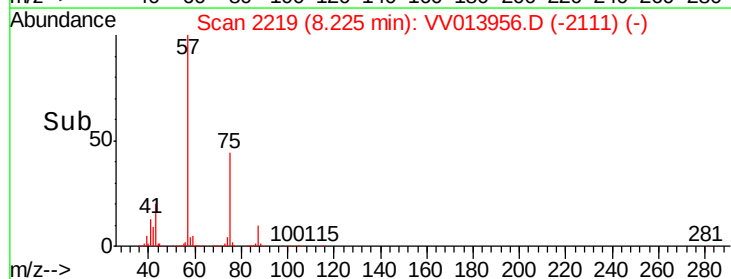
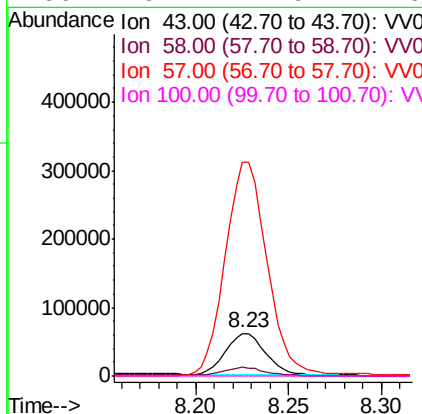
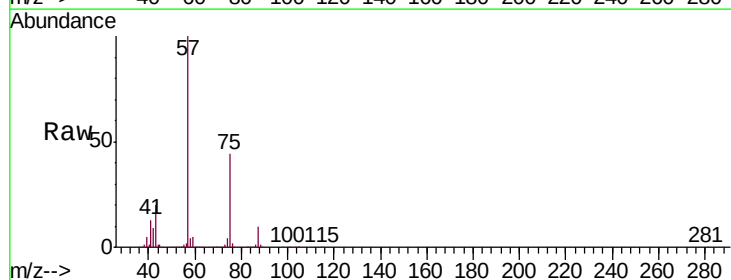
Instrument :
 MSVOA_V
 ClientSampled :
 VLEB01

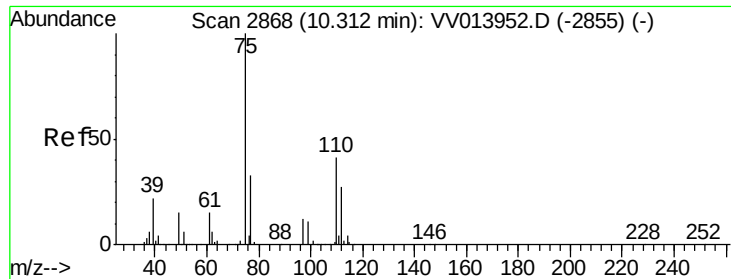
Tgt Ion: 43 Resp: 7233
 Ion Ratio Lower Upper
 43 100
 58 47.5 31.9 47.9
 100 16.0 13.7 20.5



#48
 2-Hexanone
 Concen: 19.486 ug/L
 RT: 8.23 min Scan# 2219
 Delta R.T. 0.05 min
 Lab File: VV013956.D
 Acq: 09 Dec 2019 12:29

Tgt Ion: 43 Resp: 93552
 Ion Ratio Lower Upper
 43 100
 58 20.6 48.4 72.6#
 57 522.1 16.6 24.8#
 100 0.2 11.9 17.9#





#59

1,2,3-Trichloropropane

Concen: 3.728 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.98 min

Lab File: VV013956.D

Acq: 09 Dec 2019 12:29

Instrument :

MSVOA_V

ClientSampleId :

VLEB01

Tgt Ion: 75 Resp: 23284

Ion Ratio Lower Upper

75 100

77 38.2 25.8 38.8

