

Data File : VV013961.D
Acq On : 09 Dec 2019 14:32
Operator : SY/MD
Sample : K6146-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBBT0

Quant Time: Dec 10 04:33:03 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	674847	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	644486	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	253022	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	185378	47.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.00%
7) Chloroethane-d5	1.56	69	192497	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.50%
11) 1,1-Dichloroethene-d2	2.12	63	296005	34.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.60%
21) 2-Butanone-d5	3.92	46	257324	93.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.67%
24) Chloroform-d	4.39	84	362857	44.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.54%
26) 1,2-Dichloroethane-d4	5.07	65	229373	44.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.32%
32) Benzene-d6	5.09	84	741800	44.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.84%
36) 1,2-Dichloropropane-d6	6.11	67	226003	45.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.16%
41) Toluene-d8	7.35	98	653403	42.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.84%
43) trans-1,3-Dichloropropene-	7.66	79	100919	41.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.74%
47) 2-Hexanone-d5	8.13	63	196774	105.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.12%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	313338	43.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.34%
64) 1,2-Dichlorobenzene-d4	11.67	152	238852	48.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.12%

Target Compounds

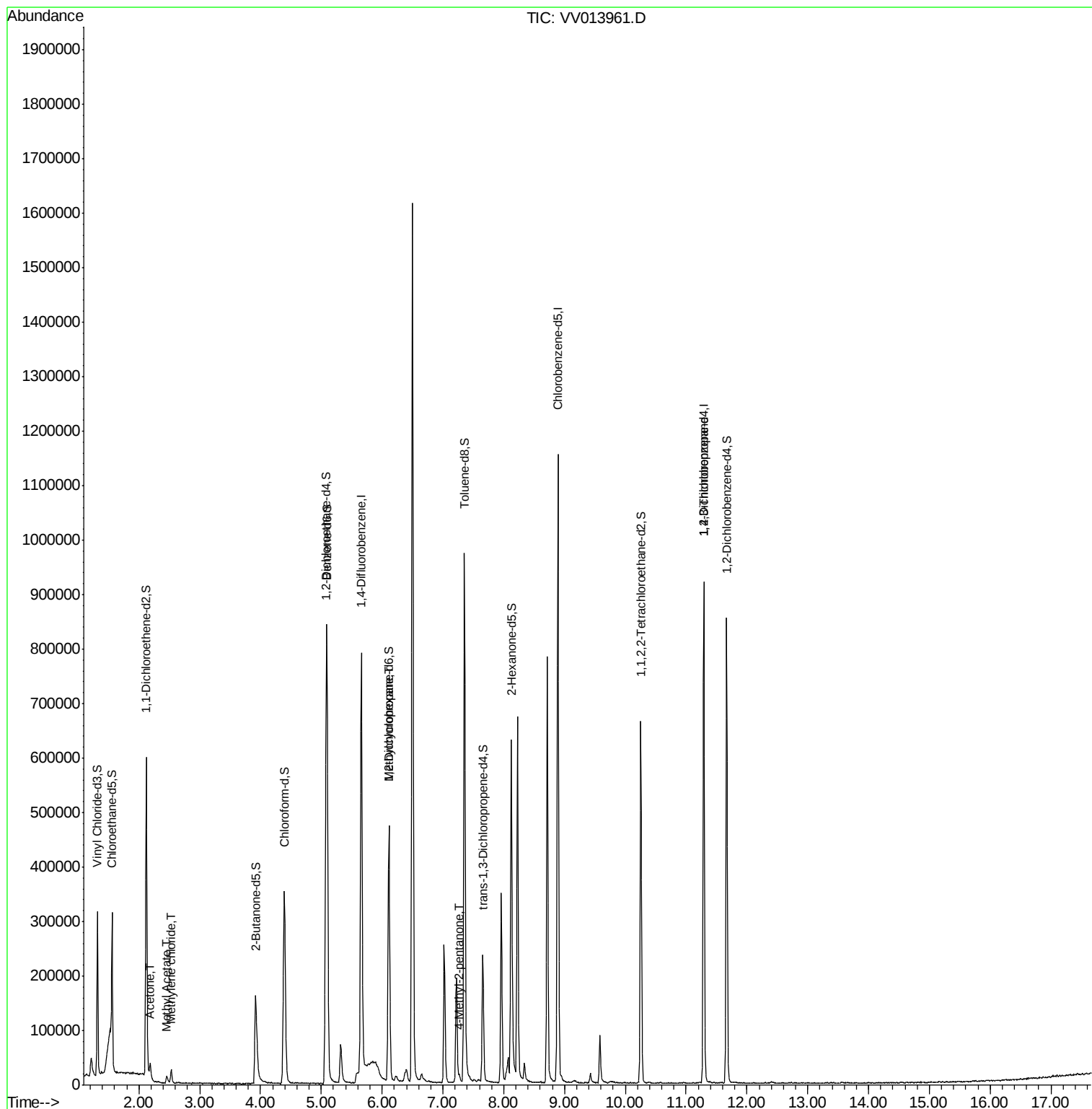
					Qvalue
13) Acetone	2.18	43	20394	5.066 ug/L	89
15) Methyl Acetate	2.46	43	17096	3.446 ug/L	94
16) Methylene chloride	2.53	84	10432	2.043 ug/L	96
35) Methylcyclohexane	6.11	83	55513	7.187 ug/L #	18
40) 4-Methyl-2-pentanone	7.27	43	7483	1.239 ug/L #	92
59) 1,2,3-Trichloropropane	11.29	75	24195	3.849 ug/L	90

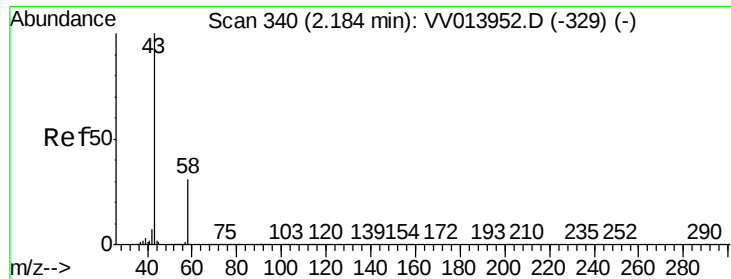
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.066 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

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Acq: 09 Dec 2019 14:32

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MSVOA_V

ClientSampleId :

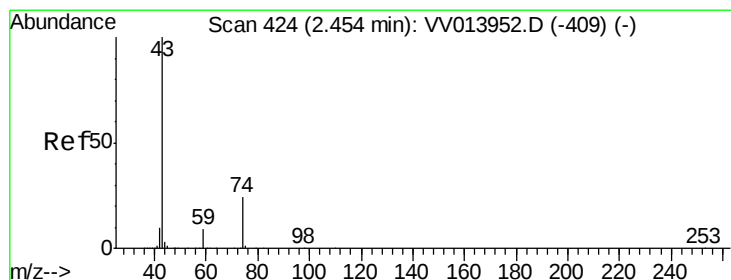
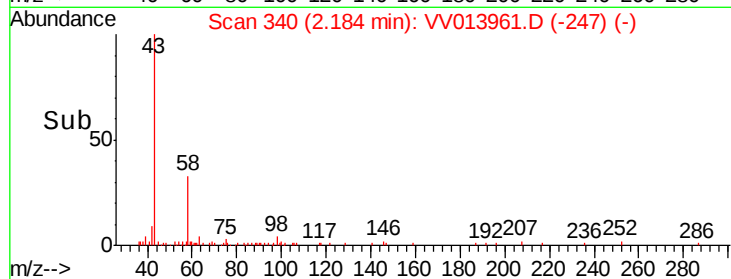
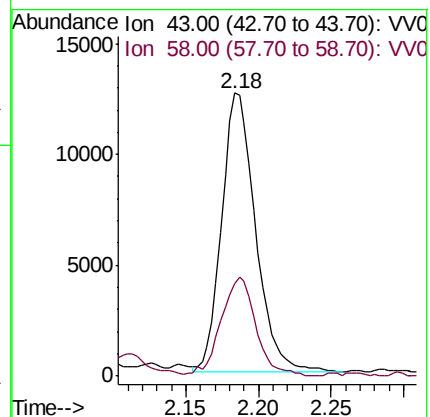
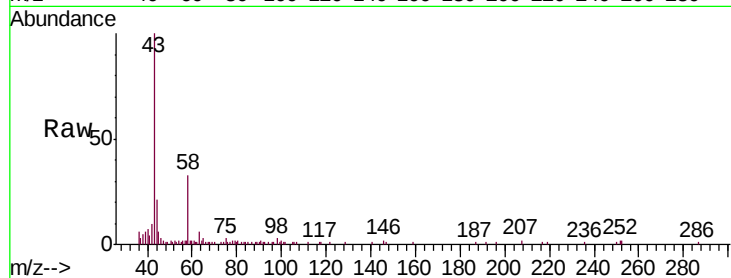
DBBT0

Tgt Ion: 43 Resp: 20394

Ion Ratio Lower Upper

43 100

58 36.5 0.0 60.8



#15

Methyl Acetate

Concen: 3.446 ug/L

RT: 2.46 min Scan# 426

Delta R.T. 0.01 min

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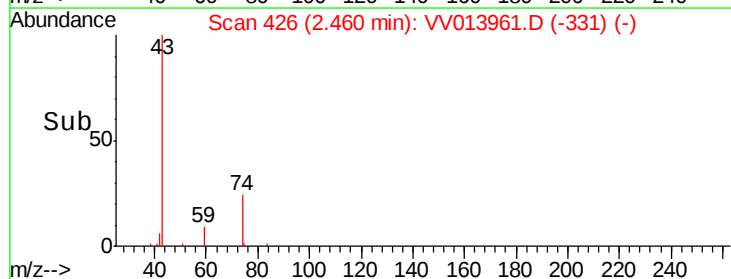
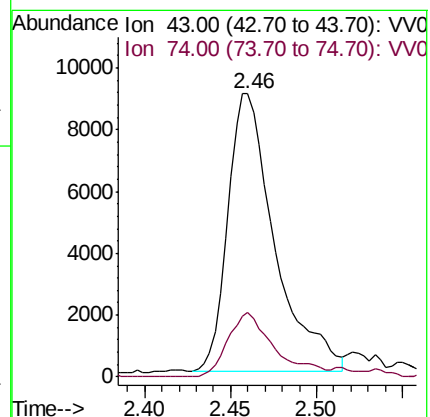
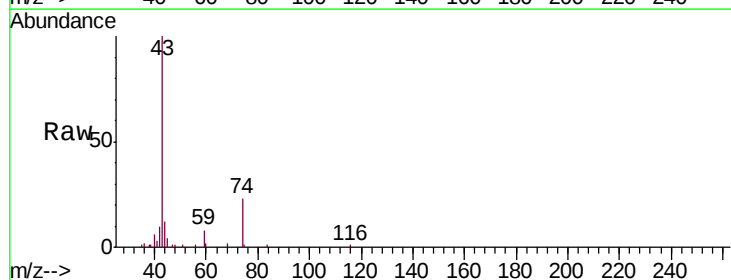
Acq: 09 Dec 2019 14:32

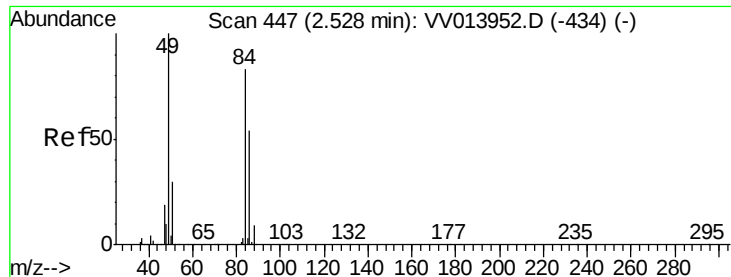
Tgt Ion: 43 Resp: 17096

Ion Ratio Lower Upper

43 100

74 21.0 19.3 28.9

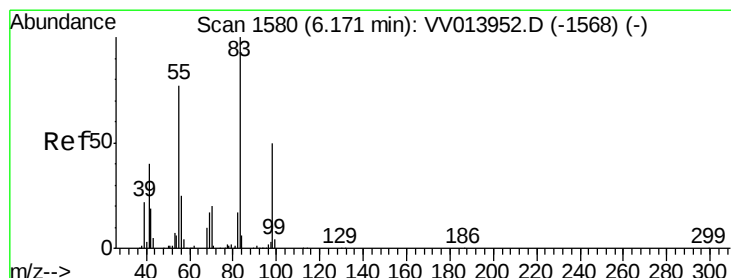
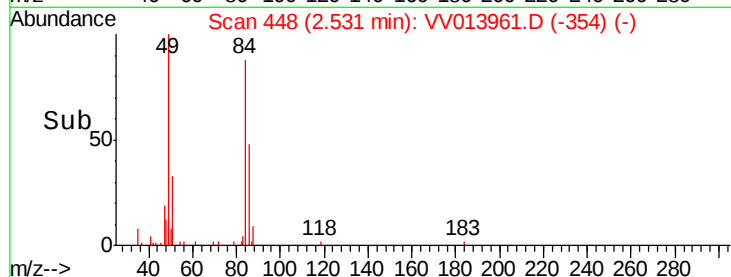
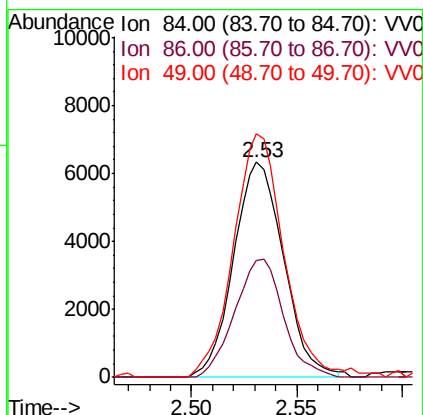
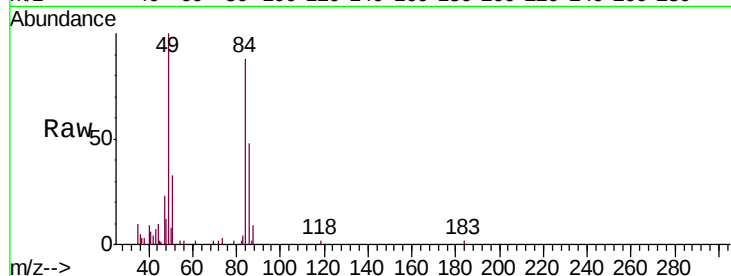




#16
Methylene chloride
Concen: 2.043 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
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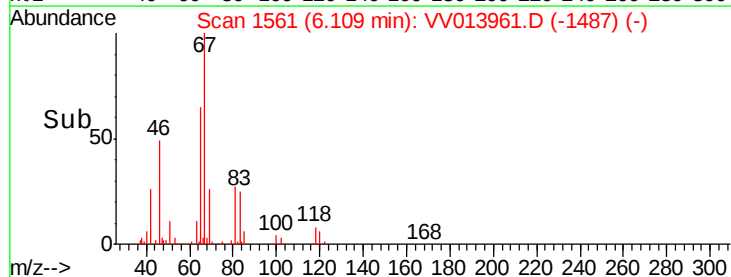
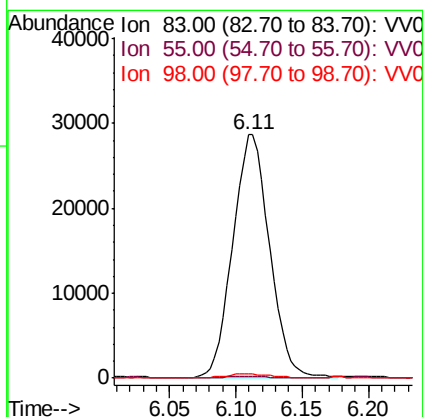
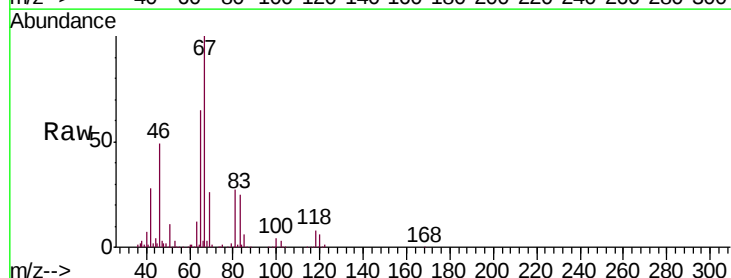
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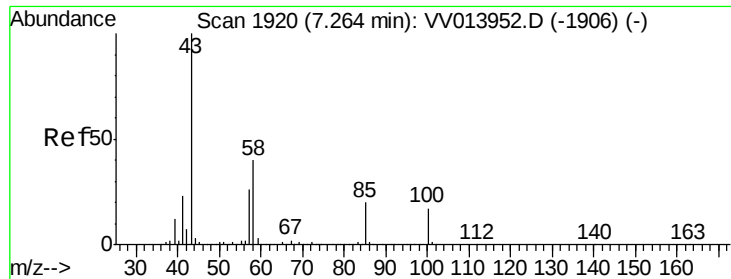
Tgt Ion: 84 Resp: 10432
Ion Ratio Lower Upper
84 100
86 54.3 43.9 81.5
49 113.3 79.7 147.9



#35
Methylcyclohexane
Concen: 7.187 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.06 min
Lab File: VV013961.D
Acq: 09 Dec 2019 14:32

Tgt Ion: 83 Resp: 55513
Ion Ratio Lower Upper
83 100
55 0.4 61.0 91.4#
98 0.2 39.6 59.4#

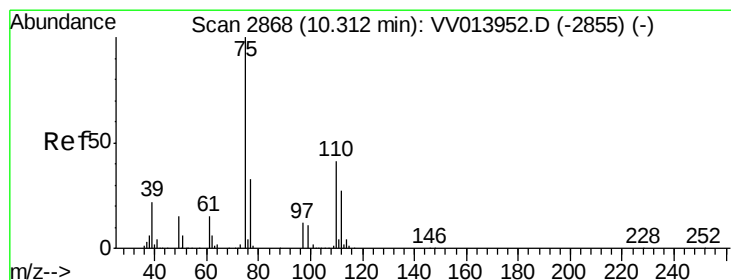
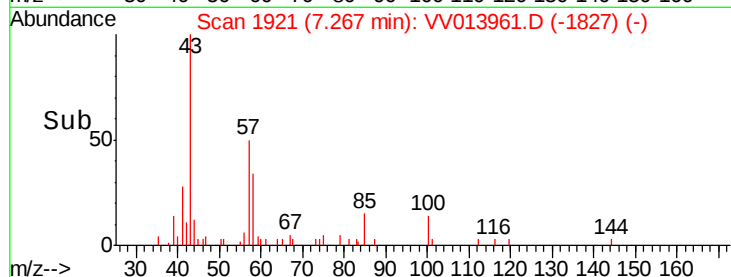
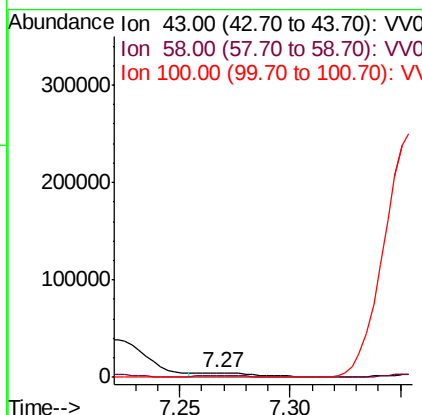
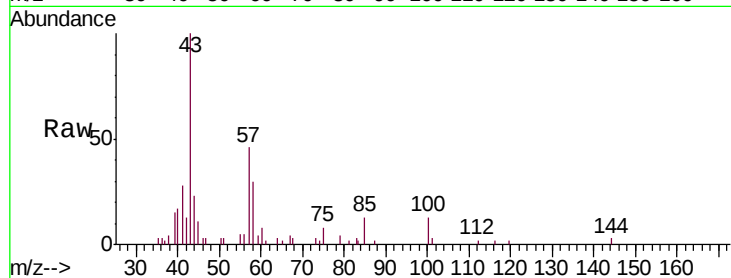




#40
 4-Methyl-2-pentanone
 Concen: 1.239 ug/L
 RT: 7.27 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VV013961.D
 Acq: 09 Dec 2019 14:32

Instrument :
 MSVOA_V
 ClientSampleId :
 DBBT0

Tgt Ion: 43 Resp: 7483
 Ion Ratio Lower Upper
 43 100
 58 36.4 31.9 47.9
 100 10.7 13.7 20.5#



#59
 1,2,3-Trichloropropane
 Concen: 3.849 ug/L
 RT: 11.29 min Scan# 3172
 Delta R.T. 0.98 min
 Lab File: VV013961.D
 Acq: 09 Dec 2019 14:32

Tgt Ion: 75 Resp: 24195
 Ion Ratio Lower Upper
 75 100
 77 37.6 25.8 38.8

