

Data File : VV012341.D
Acq On : 22 Aug 2019 12:17
Operator : SY/MD
Sample : VV0822WBL01
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK67

Quant Time: Aug 23 06:58:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 23 06:55:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	220461	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	215434	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	97689	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49471	47.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.80%
7) Chloroethane-d5	1.58	69	37384	49.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.92%
11) 1,1-Dichloroethene-d2	2.13	63	68450	33.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.62%
21) 2-Butanone-d5	3.93	46	56030	68.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	68.87%
24) Chloroform-d	4.40	84	133780	45.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.18%
26) 1,2-Dichloroethane-d4	5.08	65	101069	49.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.80%
32) Benzene-d6	5.10	84	263473	45.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.72%
36) 1,2-Dichloropropane-d6	6.12	67	77953	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.36%
41) Toluene-d8	7.36	98	262097	46.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.62%
43) trans-1,3-Dichloropropene-	7.66	79	43048	44.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.98%
47) 2-Hexanone-d5	8.13	63	47576	74.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.20%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	103127	46.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.22%
64) 1,2-Dichlorobenzene-d4	11.67	152	111251	51.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

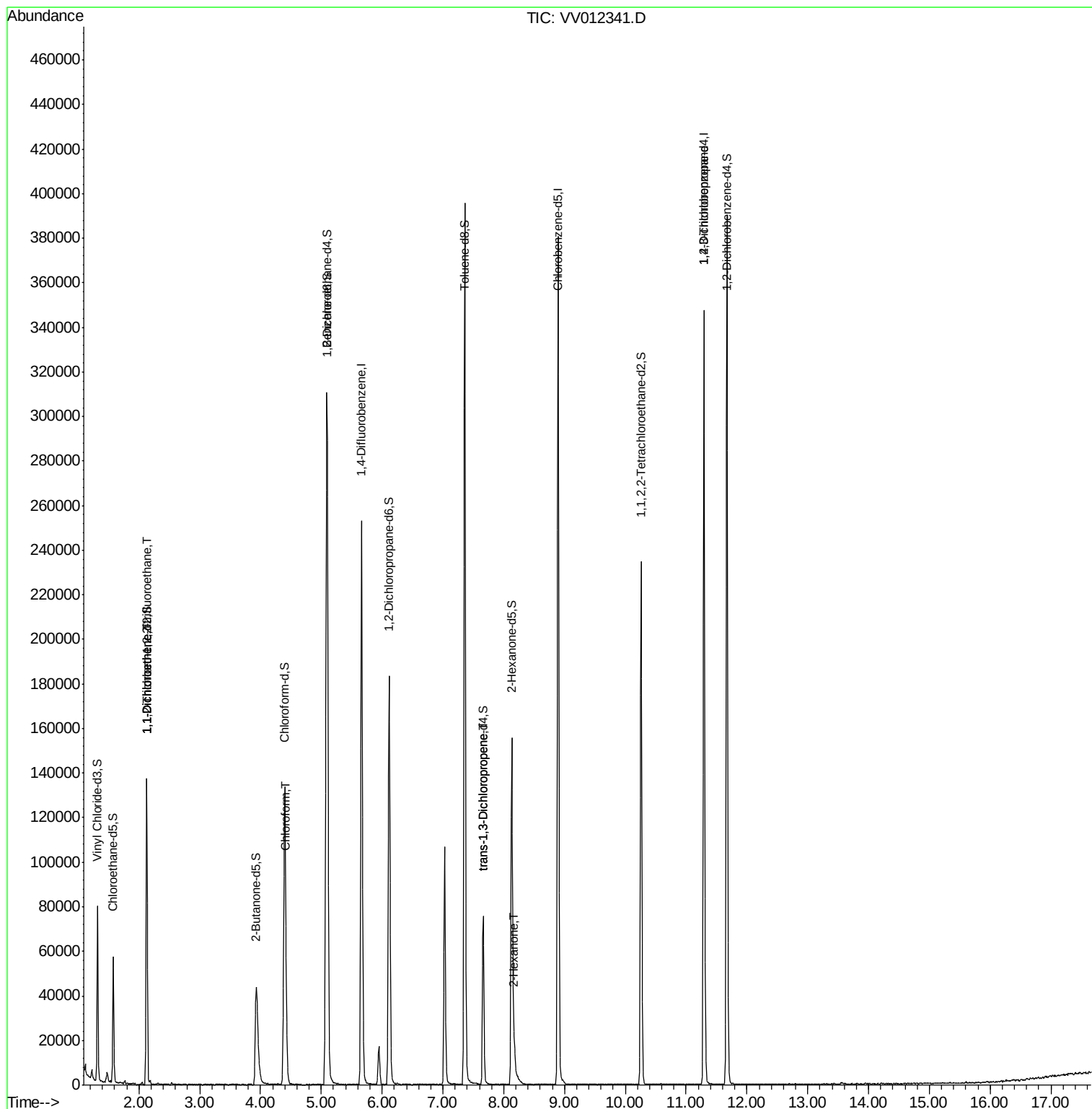
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	768	0.791	ug/L #	13
12) 1,1-Dichloroethene	2.13	96	690	0.778	ug/L #	1
25) Chloroform	4.42	83	9276	3.334	ug/L	90
44) trans-1,3-Dichloropropene	7.66	75	2019	0.927	ug/L #	82
48) 2-Hexanone	8.18	43	5434	4.349	ug/L #	75
59) 1,2,3-Trichloropropane	11.29	75	8340	4.754	ug/L	90

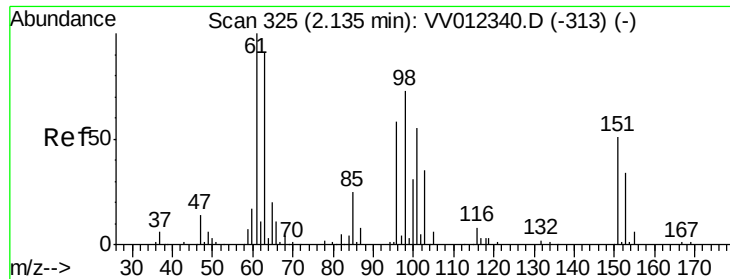
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.791 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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MSVOA_V

ClientSampleId :

VBLK67

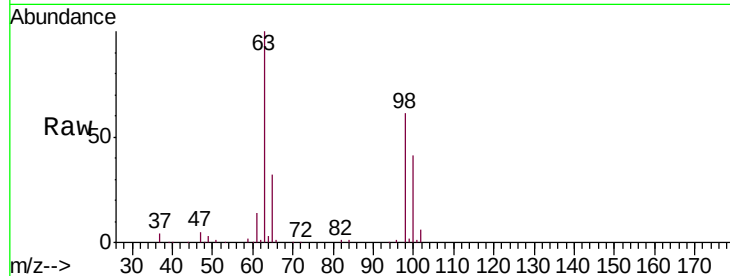
Tgt Ion:101 Resp: 768

Ion Ratio Lower Upper

101 100

85 0.0 33.7 50.5#

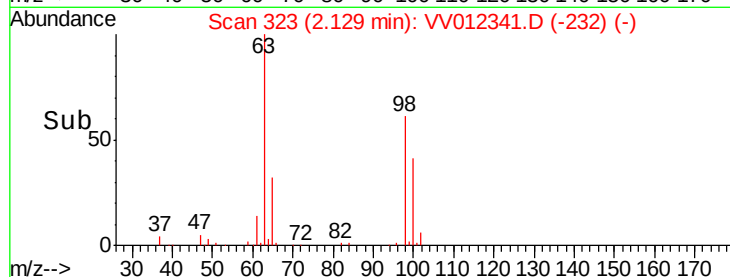
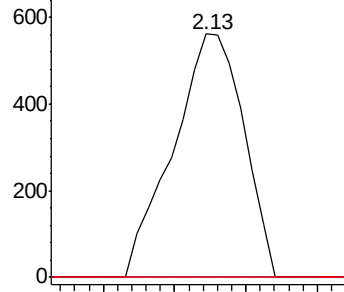
151 0.0 73.0 109.6#



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



#12

1,1-Dichloroethene

Concen: 0.778 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012341.D

Acq: 22 Aug 2019 12:17

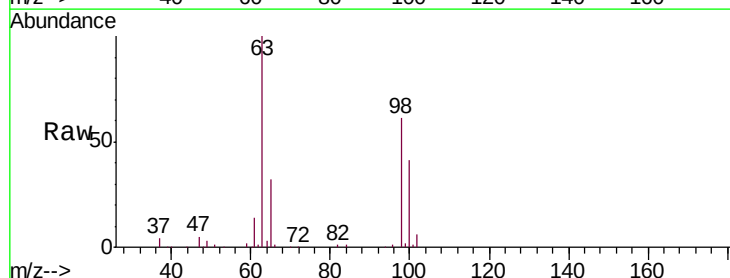
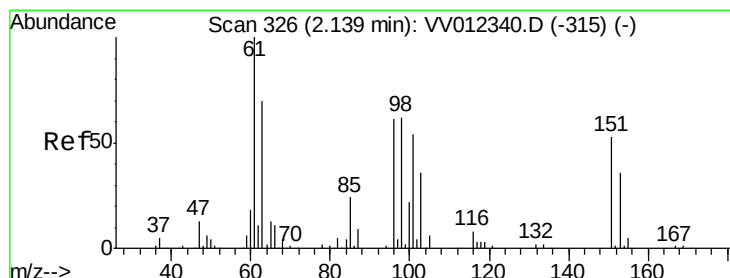
Tgt Ion: 96 Resp: 690

Ion Ratio Lower Upper

96 100

61 1162.8 122.6 227.8#

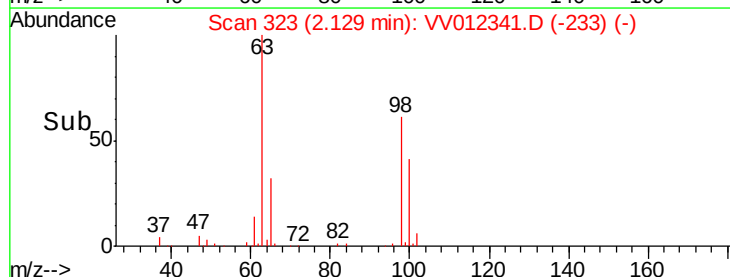
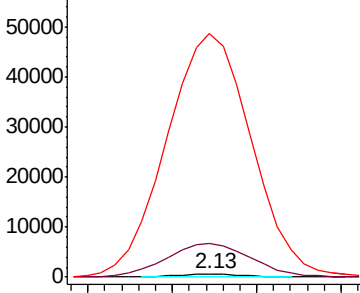
63 8278.9 98.6 183.2#

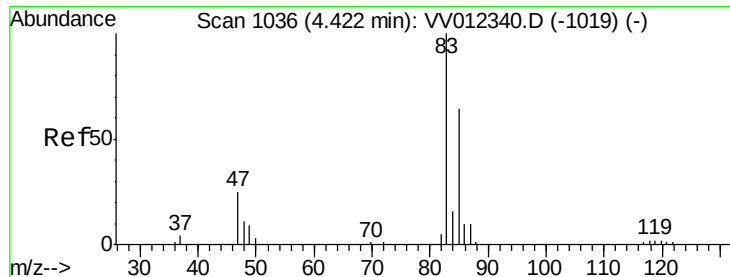


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

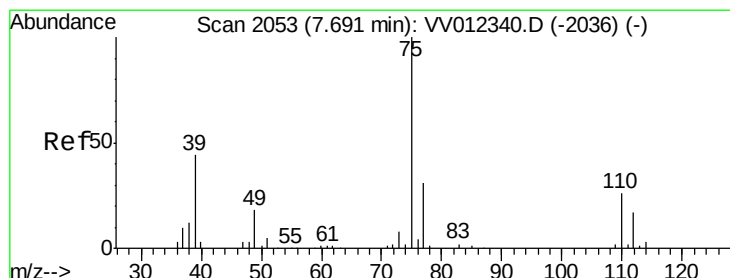
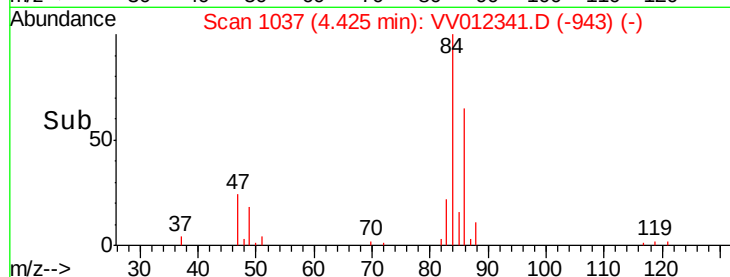
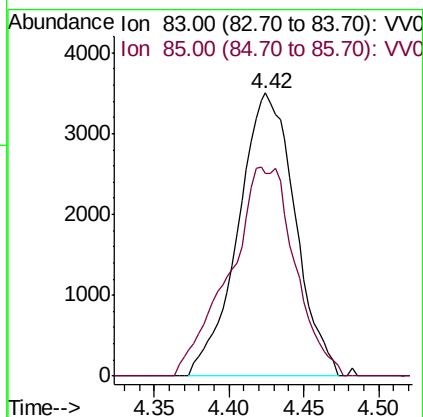
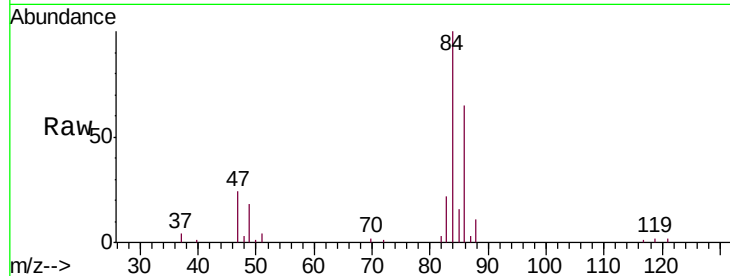




#25
Chloroform
Concen: 3.334 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
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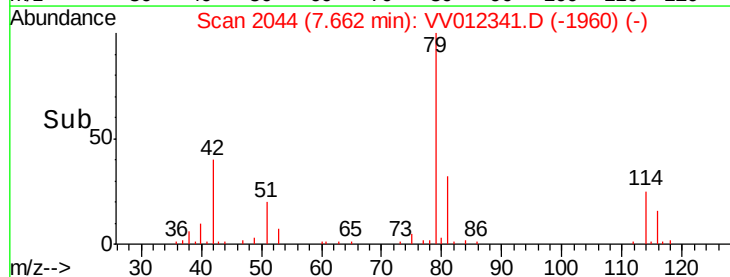
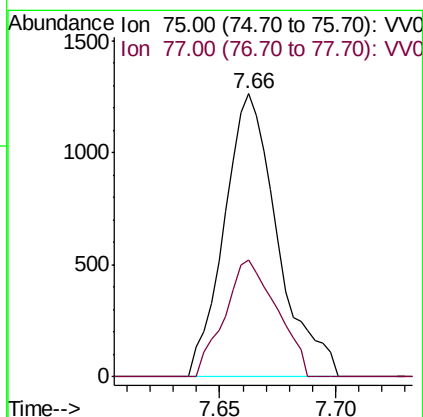
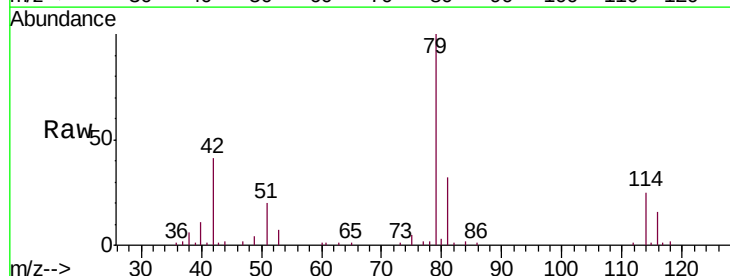
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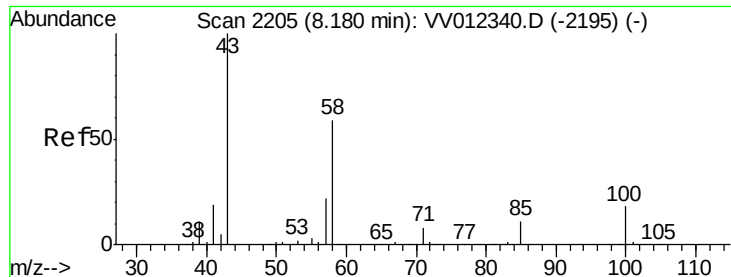
Tgt Ion: 83 Resp: 9276
Ion Ratio Lower Upper
83 100
85 71.6 44.5 82.7



#44
trans-1,3-Dichloropropene
Concen: 0.927 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012341.D
Acq: 22 Aug 2019 12:17

Tgt Ion: 75 Resp: 2019
Ion Ratio Lower Upper
75 100
77 41.1 21.7 40.3#

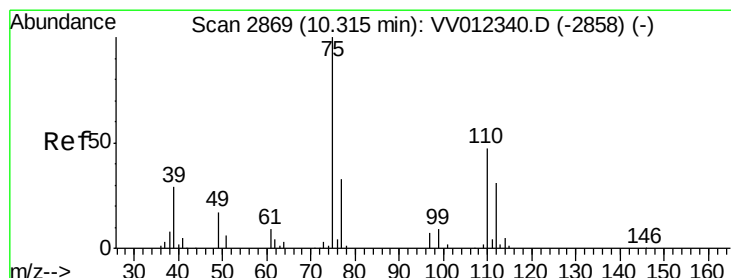
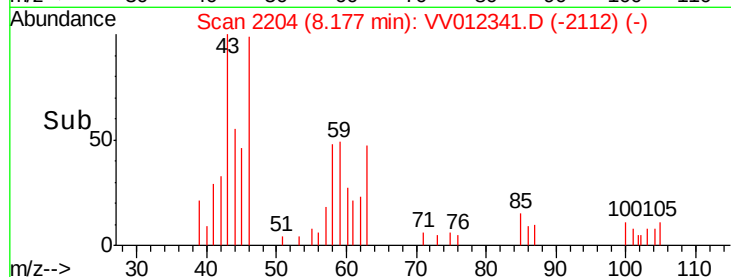
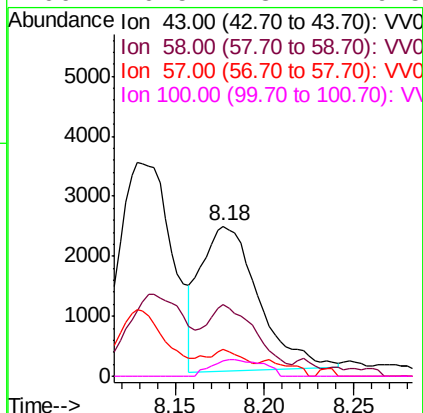
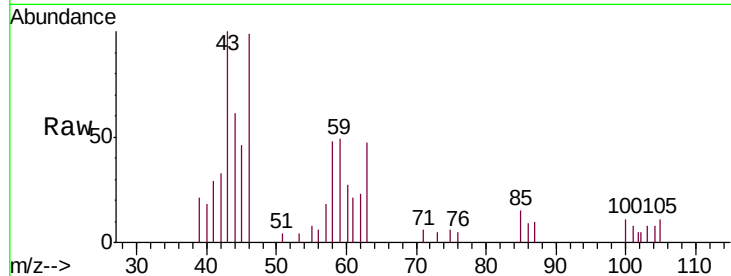




#48
2-Hexanone
Concen: 4.349 ug/L
RT: 8.18 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VV012341.D
Acq: 22 Aug 2019 12:17

Instrument :
MSVOA_V
ClientSampled :
VBLK67

Tgt Ion: 43 Resp: 5434
Ion Ratio Lower Upper
43 100
58 38.1 45.7 68.5#
57 6.9 16.8 25.2#
100 10.5 13.7 20.5#



#59
1,2,3-Trichloropropane
Concen: 4.754 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.98 min
Lab File: VV012341.D
Acq: 22 Aug 2019 12:17

Tgt Ion: 75 Resp: 8340
Ion Ratio Lower Upper
75 100
77 39.2 26.8 40.2

