

Data File : VV012345.D
Acq On : 22 Aug 2019 14:15
Operator : SY/MD
Sample : K4464-10
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Aug 23 06:59:18 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	190126	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	178637	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	81733	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38444	42.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.42%
7) Chloroethane-d5	1.58	69	29801	46.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.36%
11) 1,1-Dichloroethene-d2	2.13	63	63726	35.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.92%
21) 2-Butanone-d5	3.93	46	54527	77.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.72%
24) Chloroform-d	4.40	84	121295	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.82%
26) 1,2-Dichloroethane-d4	5.08	65	94675	53.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.32%
32) Benzene-d6	5.10	84	231829	48.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.32%
36) 1,2-Dichloropropane-d6	6.12	67	63424	49.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.46%
41) Toluene-d8	7.36	98	226414	48.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.54%
43) trans-1,3-Dichloropropene-	7.66	79	37461	47.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.44%
47) 2-Hexanone-d5	8.13	63	42327	79.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.61%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	86377	47.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.16%
64) 1,2-Dichlorobenzene-d4	11.67	152	97116	54.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.10%

Target Compounds

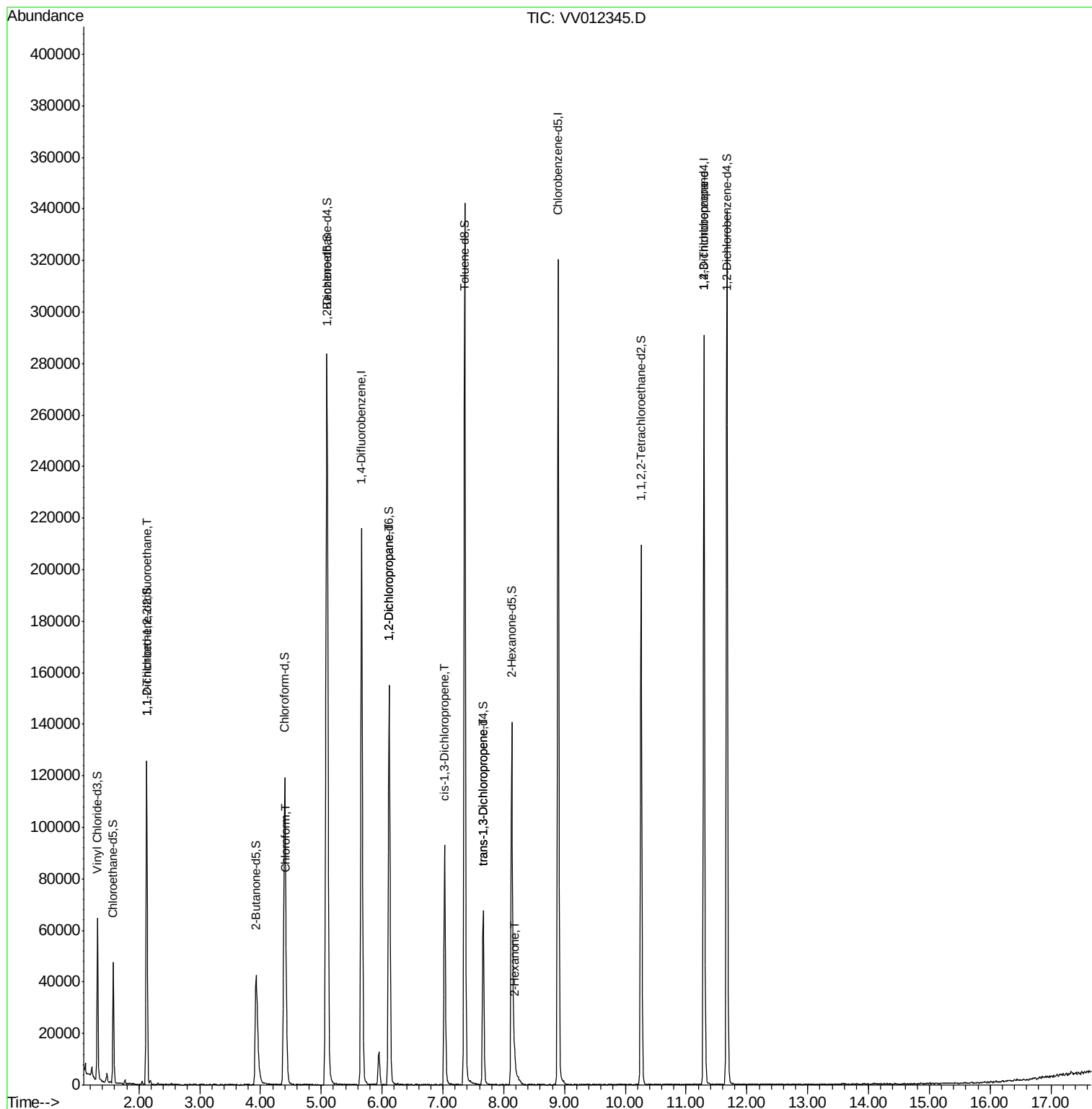
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	584	0.698	ug/L #	13
25) Chloroform	4.43	83	9029	3.763	ug/L	99
37) 1,2-Dichloropropane	6.12	63	8480	8.308	ug/L #	82
39) cis-1,3-Dichloropropene	7.03	75	2650	1.398	ug/L #	80
44) trans-1,3-Dichloropropene	7.67	75	2047	1.133	ug/L	93
48) 2-Hexanone	8.18	43	2892	2.791	ug/L #	51
59) 1,2,3-Trichloropropane	11.29	75	7023	4.828	ug/L #	82

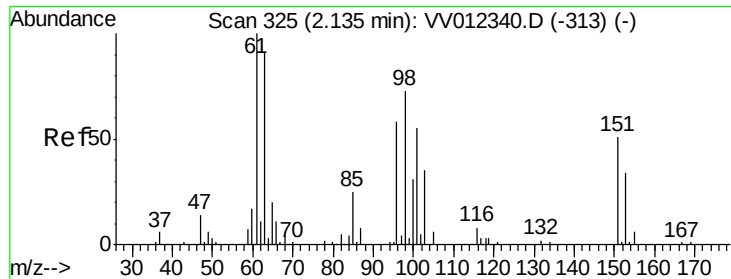
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.698 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012345.D

Acq: 22 Aug 2019 14:15

Instrument :

MSVOA_V

ClientSampled :

VHBLK01

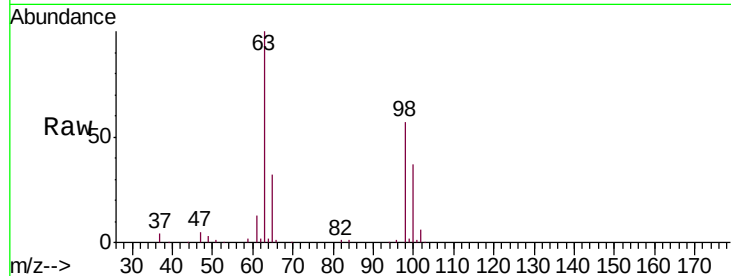
Tgt Ion: 101 Resp: 584

Ion Ratio Lower Upper

101 100

85 0.0 33.7 50.5#

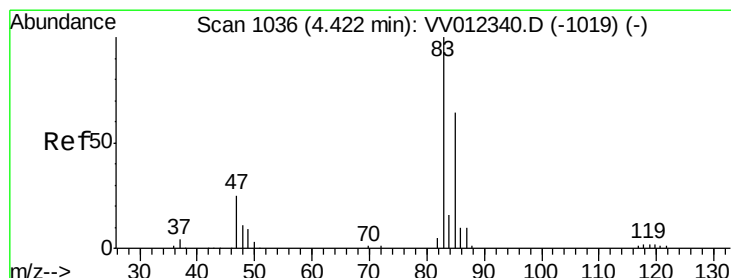
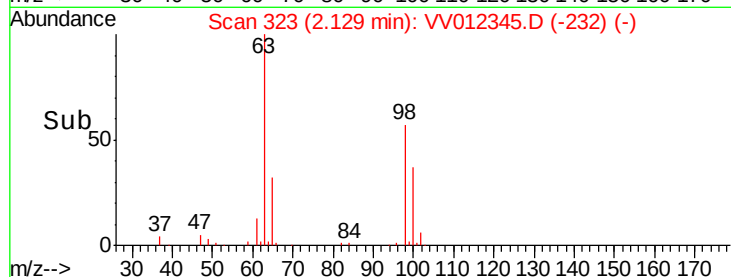
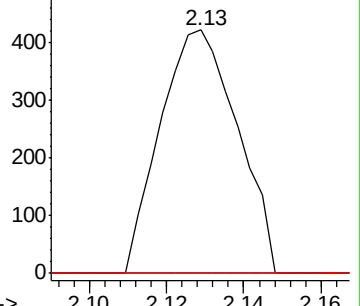
151 0.0 73.0 109.6#



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



#25

Chloroform

Concen: 3.763 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV012345.D

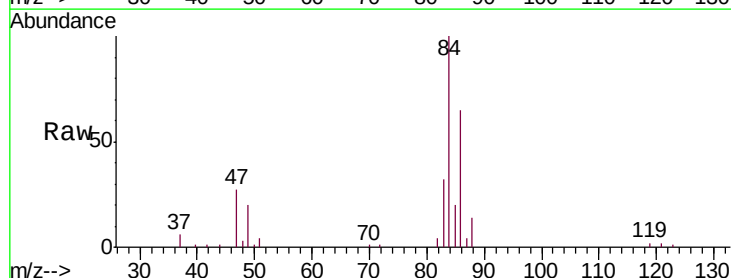
Acq: 22 Aug 2019 14:15

Tgt Ion: 83 Resp: 9029

Ion Ratio Lower Upper

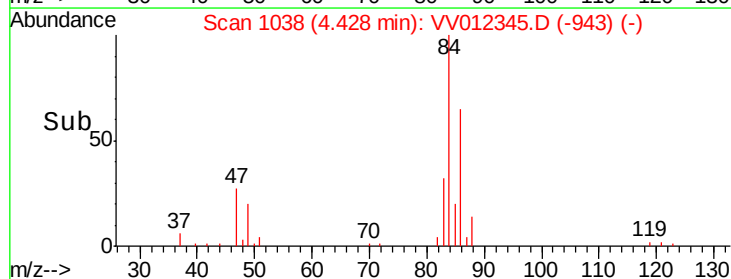
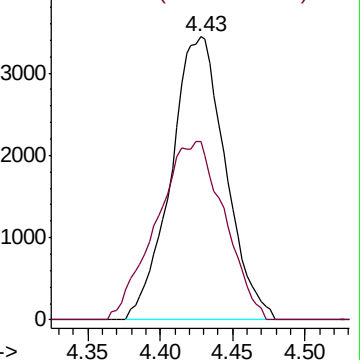
83 100

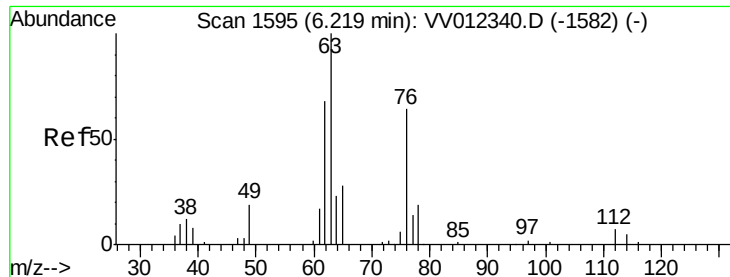
85 63.2 44.5 82.7



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#37

1,2-Dichloropropane

Concen: 8.308 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012345.D

Acq: 22 Aug 2019 14:15

Instrument :

MSVOA_V

ClientSampleId :

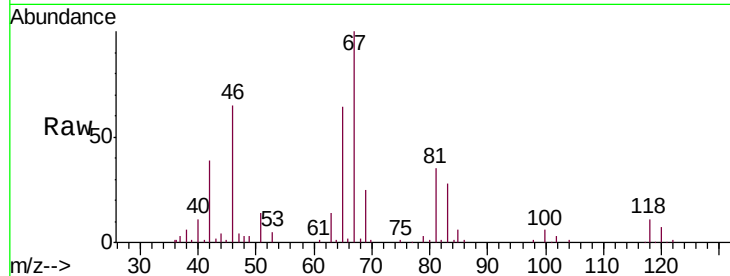
VHBLK01

Tgt Ion: 63 Resp: 8480

Ion Ratio Lower Upper

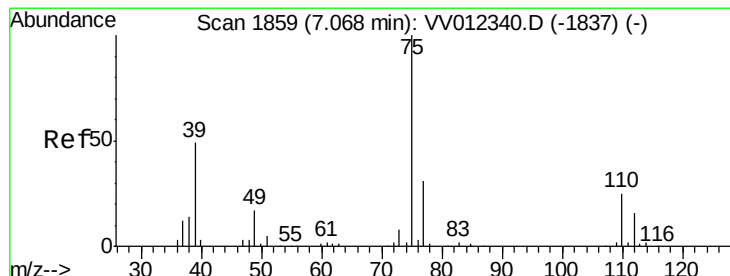
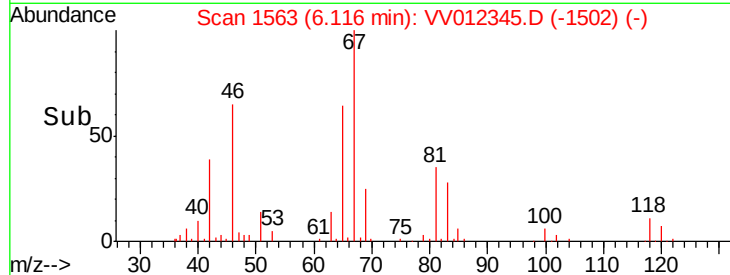
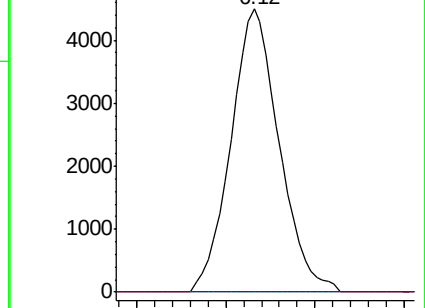
63 100

112 0.0 4.7 7.1#



Abundance Ion 63.00 (62.70 to 63.70): VV012340.D (-1582) (-)

Ion 112.00 (111.70 to 112.70): VV012340.D (-1582) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.398 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV012345.D

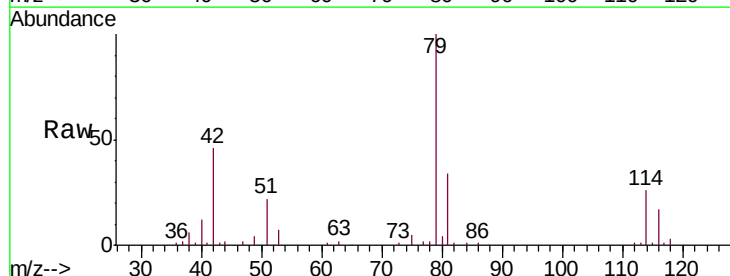
Acq: 22 Aug 2019 14:15

Tgt Ion: 75 Resp: 2650

Ion Ratio Lower Upper

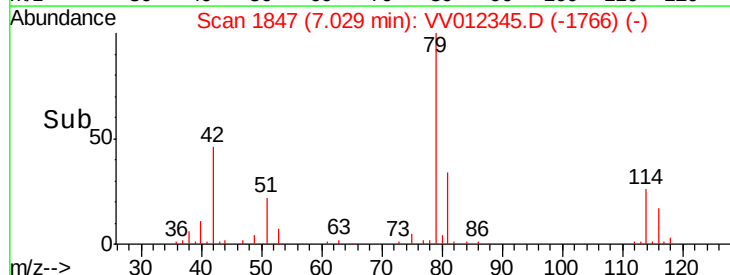
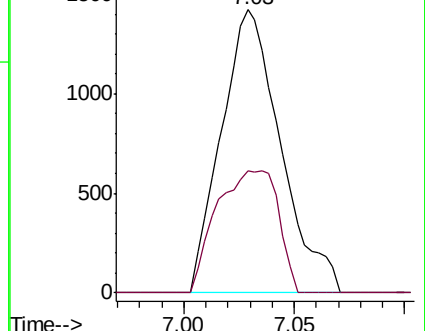
75 100

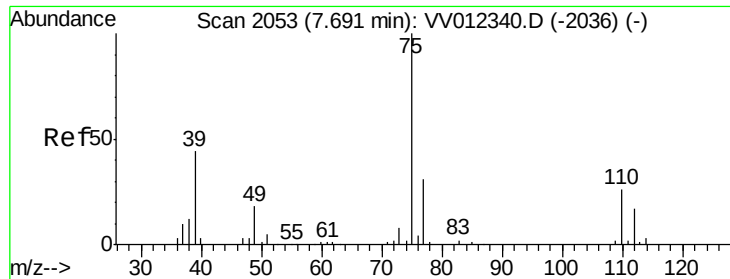
77 43.0 22.5 41.7#



Abundance Ion 75.00 (74.70 to 75.70): VV012340.D (-1837) (-)

Ion 77.00 (76.70 to 77.70): VV012340.D (-1837) (-)





#44

trans-1,3-Dichloropropene

Concen: 1.133 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV012345.D

Acq: 22 Aug 2019 14:15

Instrument :

MSVOA_V

ClientSampleId :

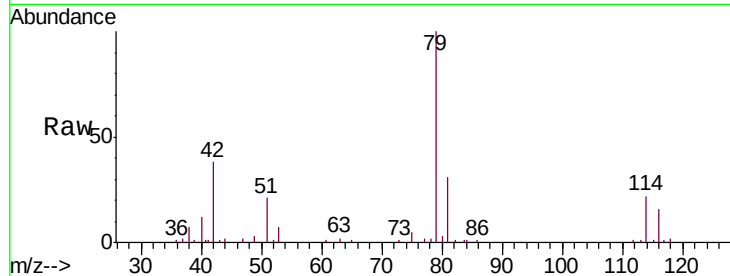
VHBLK01

Tgt Ion: 75 Resp: 2047

Ion Ratio Lower Upper

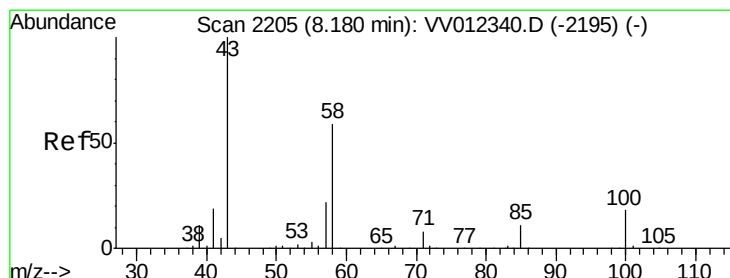
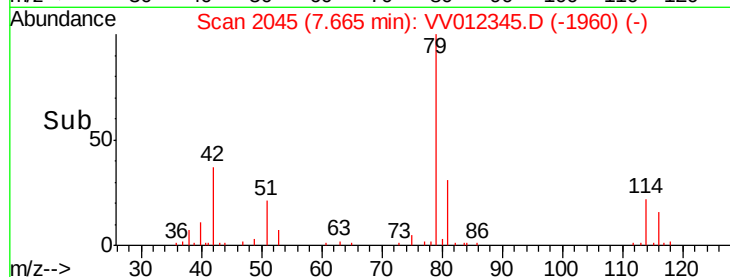
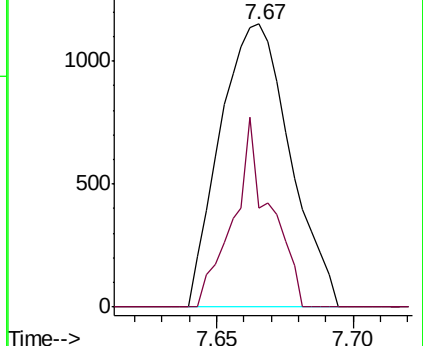
75 100

77 34.8 21.7 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#48

2-Hexanone

Concen: 2.791 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV012345.D

Acq: 22 Aug 2019 14:15

Tgt Ion: 43 Resp: 2892

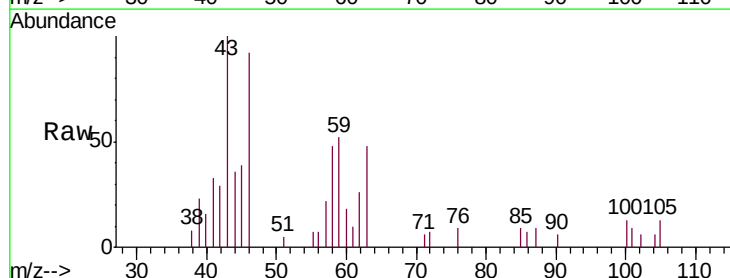
Ion Ratio Lower Upper

43 100

58 0.0 45.7 68.5#

57 19.9 16.8 25.2

100 13.3 13.7 20.5#

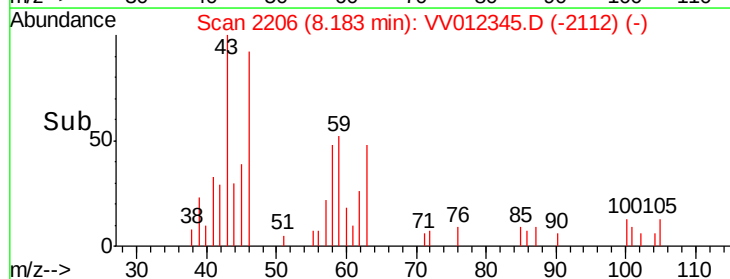
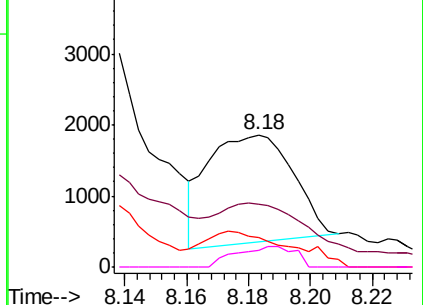


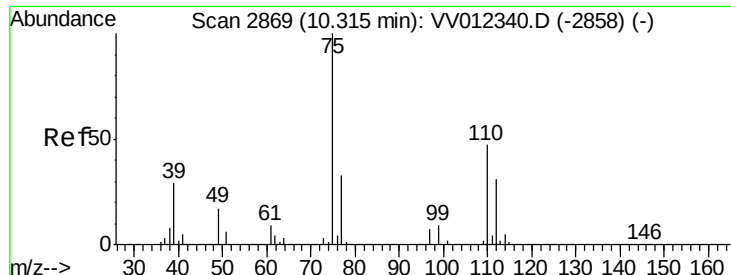
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 4.828 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.98 min

Lab File: VV012345.D

Acq: 22 Aug 2019 14:15

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 7023

Ion Ratio Lower Upper

75 100

77 44.0 26.8 40.2#

