

Data File : VV014242.D
Acq On : 31 Dec 2019 16:40
Operator : SY/MD
Sample : K6459-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Jan 01 03:07:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jan 01 03:03:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	804720	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	735484	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	333010	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	184311	4.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.80%
7) Chloroethane-d5	1.58	69	170703	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.80%
11) 1,1-Dichloroethene-d2	2.13	63	251367	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	3.92	46	612208	65.39	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.78%#
24) Chloroform-d	4.40	84	423953	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.08	65	239539	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.10	84	948476	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.12	67	304829	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.36	98	855328	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	7.66	79	122743	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.13	63	520820	50.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.94%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	213817	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	285436	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

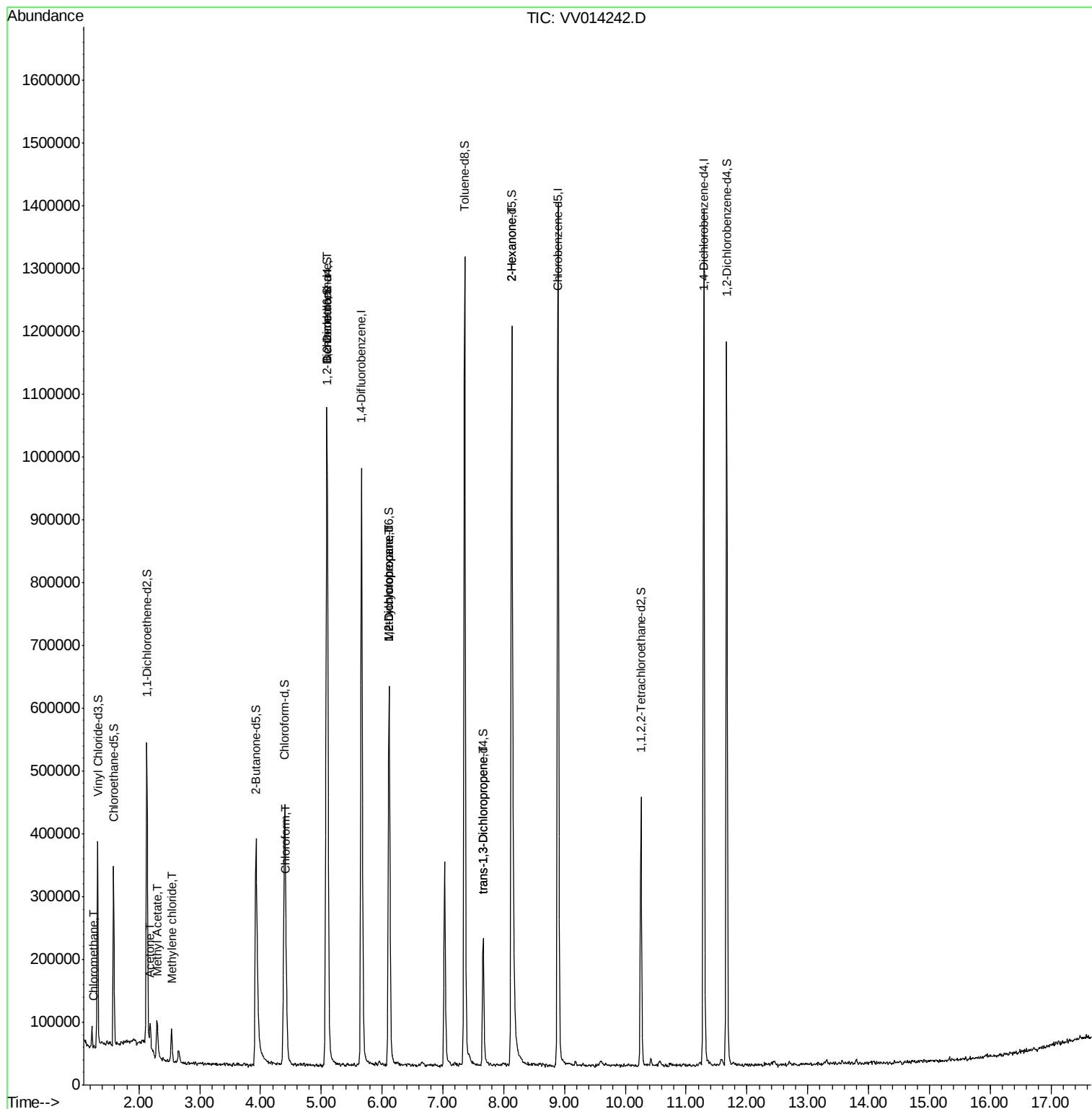
					Qvalue
3) Chloromethane	1.25	50	4142	0.075	ug/L 90
13) Acetone	2.19	43	32458	5.621	ug/L 94
15) Methyl Acetate	2.30	43	13057	0.683	ug/L # 57
16) Methylene chloride	2.54	84	21720	0.362	ug/L 92
25) Chloroform	4.43	83	50157	0.480	ug/L 99
27) 1,2-Dichloroethane	5.09	62	6380	0.109	ug/L 99
35) Methylcyclohexane	6.12	83	70781	0.697	ug/L # 19
37) 1,2-Dichloropropane	6.12	63	31984	0.579	ug/L # 90
44) trans-1,3-Dichloropropene	7.66	75	5152	0.073	ug/L # 51
48) 2-Hexanone	8.13	43	62594	2.633	ug/L # 69

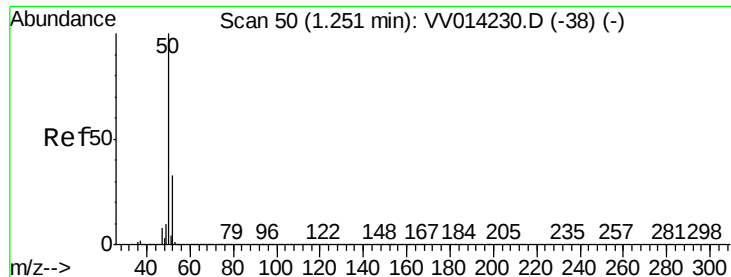
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jan 01 03:03:23 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.075 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV014242.D

Acq: 31 Dec 2019 16:40

Instrument :

MSVOA_V

ClientSampleId :

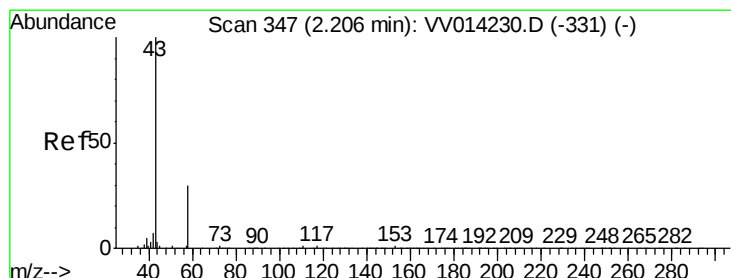
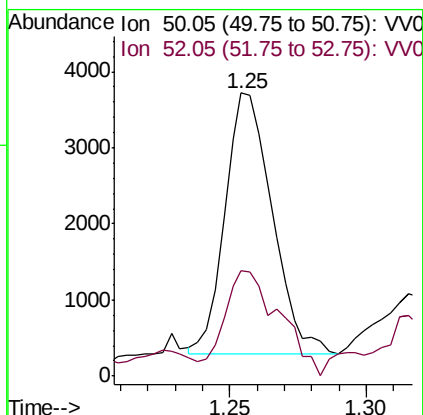
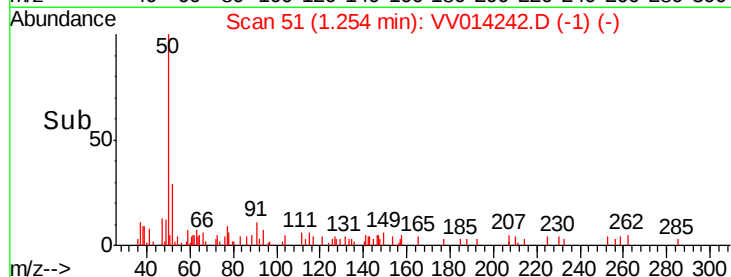
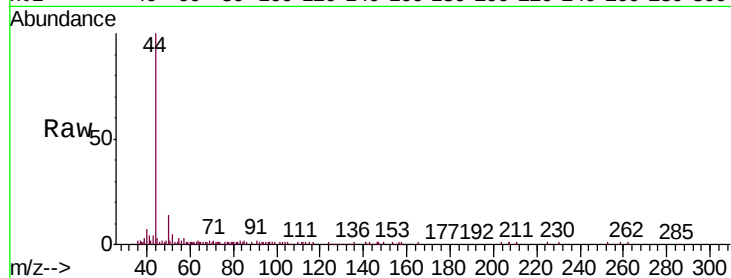
VHBLK01

Tgt Ion: 50 Resp: 4142

Ion Ratio Lower Upper

50 100

52 37.4 22.3 41.3



#13

Acetone

Concen: 5.621 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

Lab File: VV014242.D

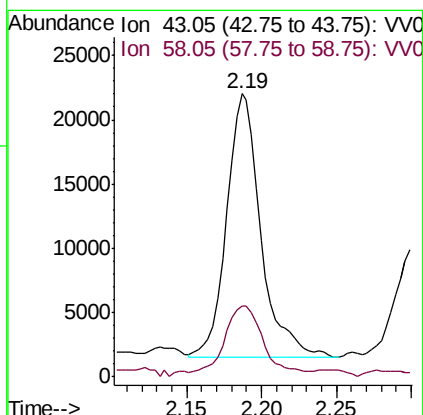
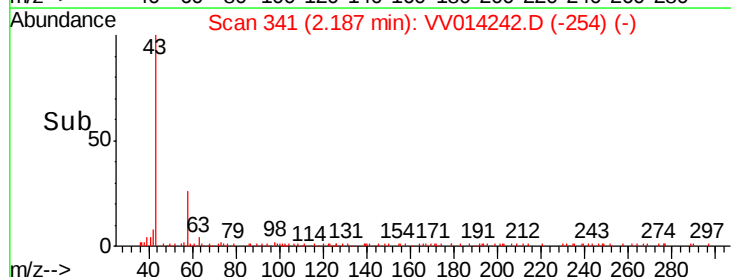
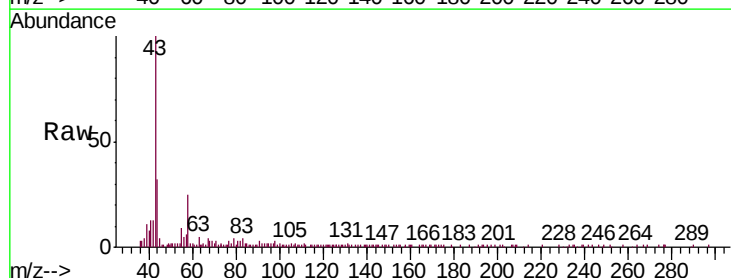
Acq: 31 Dec 2019 16:40

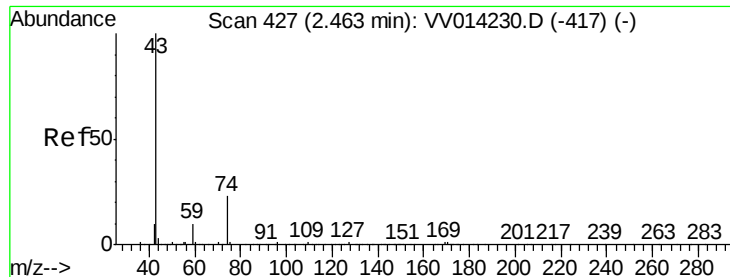
Tgt Ion: 43 Resp: 32458

Ion Ratio Lower Upper

43 100

58 29.7 0.0 66.0





#15

Methyl Acetate

Concen: 0.683 ug/L

RT: 2.30 min Scan# 376

Delta R.T. -0.16 min

Lab File: VV014242.D

Acq: 31 Dec 2019 16:40

Instrument :

MSVOA_V

ClientSampled :

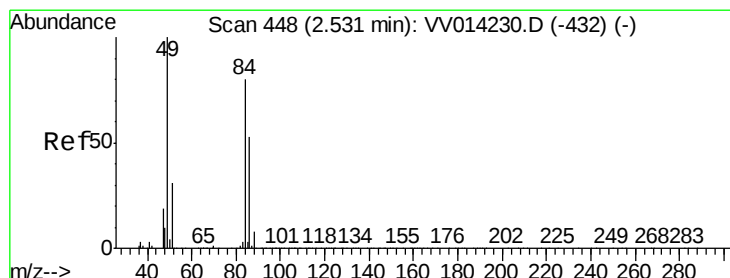
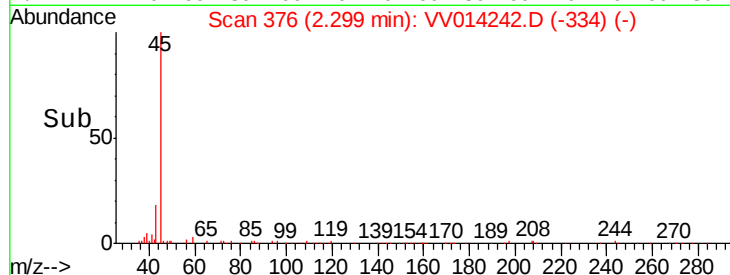
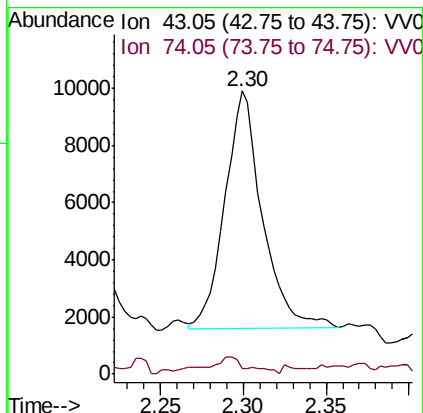
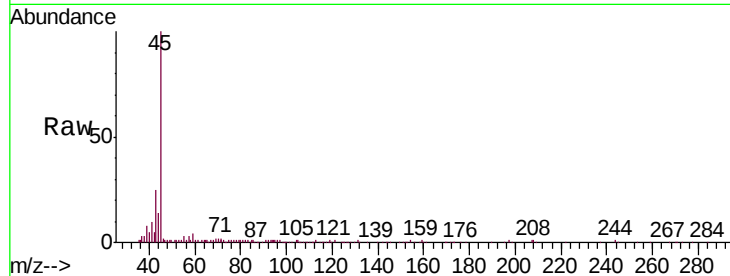
VHBLK01

Tgt Ion: 43 Resp: 13057

Ion Ratio Lower Upper

43 100

74 2.3 18.6 28.0#



#16

Methylene chloride

Concen: 0.362 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

Lab File: VV014242.D

Acq: 31 Dec 2019 16:40

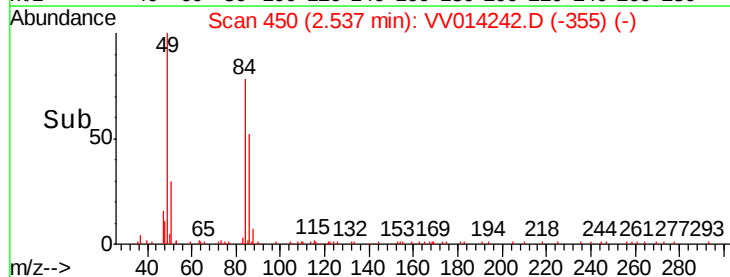
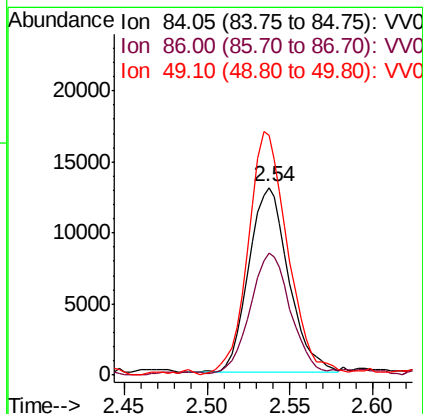
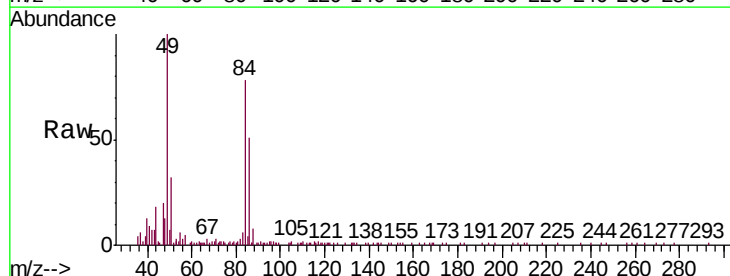
Tgt Ion: 84 Resp: 21720

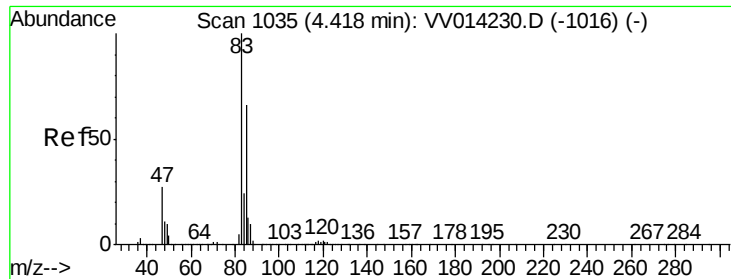
Ion Ratio Lower Upper

84 100

86 65.2 43.1 80.1

49 128.2 82.1 152.5





#25

Chloroform

Concen: 0.480 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV014242.D

Acq: 31 Dec 2019 16:40

Instrument :

MSVOA_V

ClientSampleId :

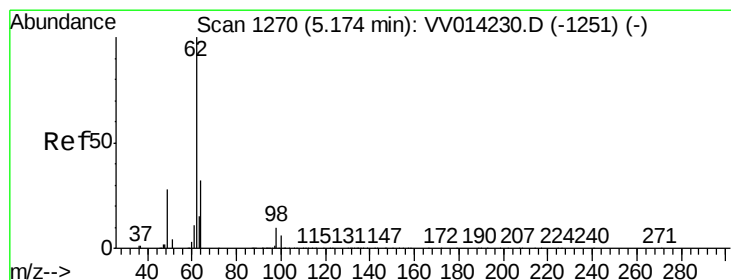
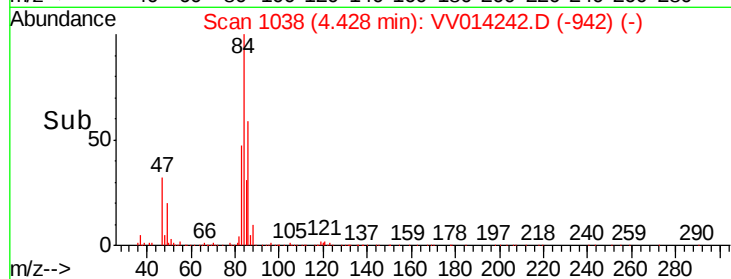
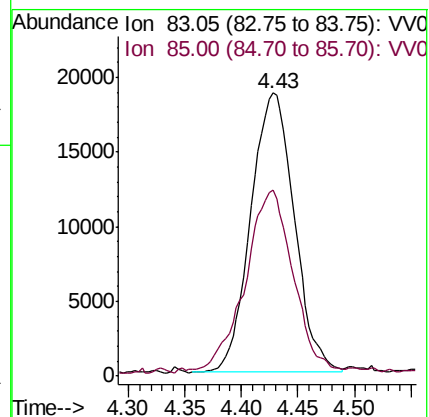
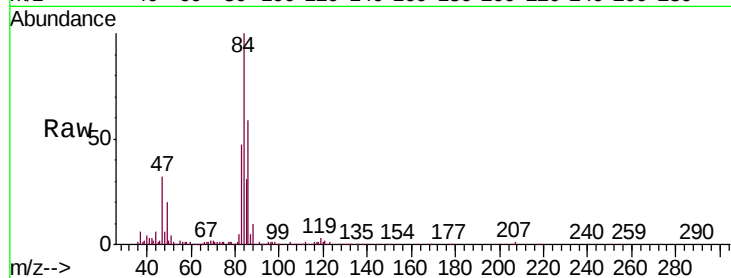
VHBLK01

Tgt Ion: 83 Resp: 50157

Ion Ratio Lower Upper

83 100

85 65.6 46.2 85.8



#27

1,2-Dichloroethane

Concen: 0.109 ug/L

RT: 5.09 min Scan# 1245

Delta R.T. -0.08 min

Lab File: VV014242.D

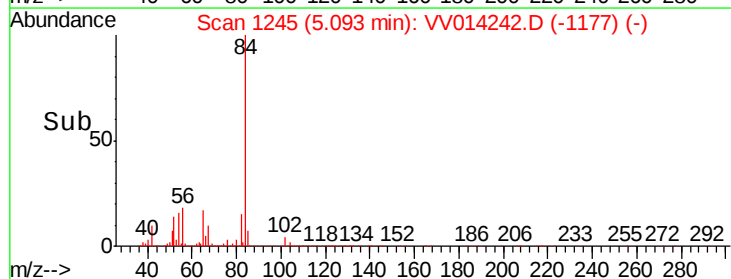
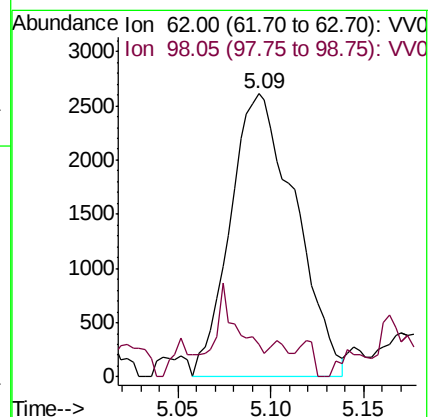
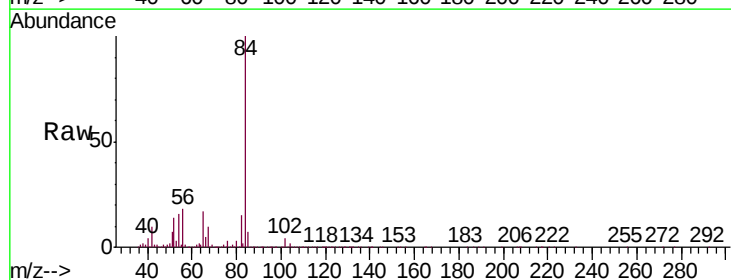
Acq: 31 Dec 2019 16:40

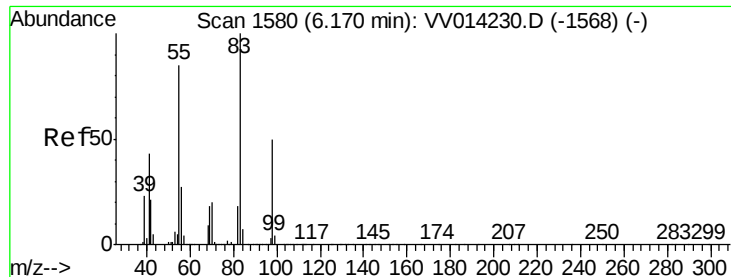
Tgt Ion: 62 Resp: 6380

Ion Ratio Lower Upper

62 100

98 11.3 9.2 13.8





#35

Methylcyclohexane

Concen: 0.697 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV014242.D

Acq: 31 Dec 2019 16:40

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

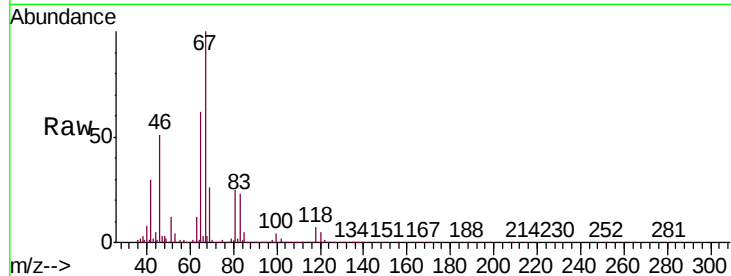
Tgt Ion: 83 Resp: 70781

Ion Ratio Lower Upper

83 100

55 0.7 61.7 92.5#

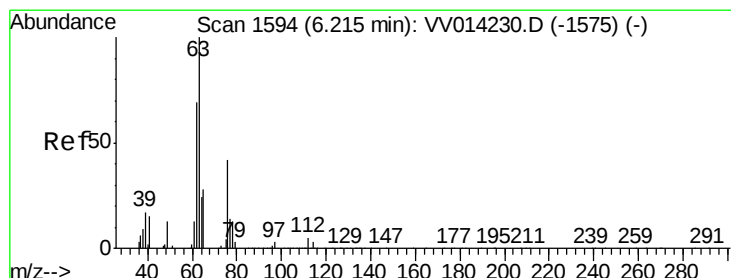
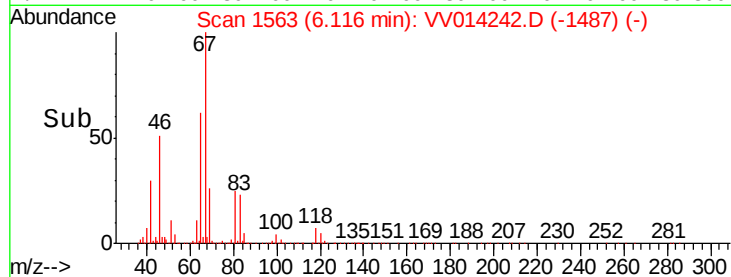
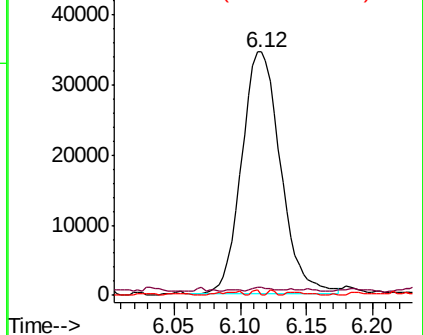
98 0.4 38.1 57.1#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



#37

1,2-Dichloropropane

Concen: 0.579 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV014242.D

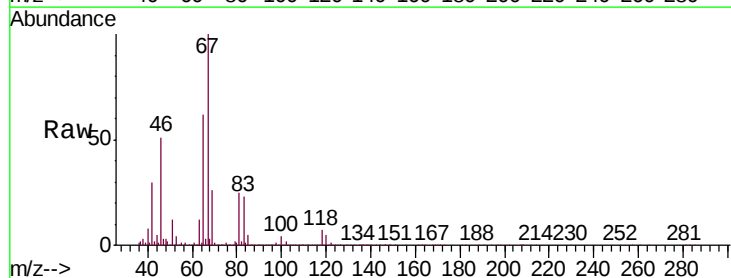
Acq: 31 Dec 2019 16:40

Tgt Ion: 63 Resp: 31984

Ion Ratio Lower Upper

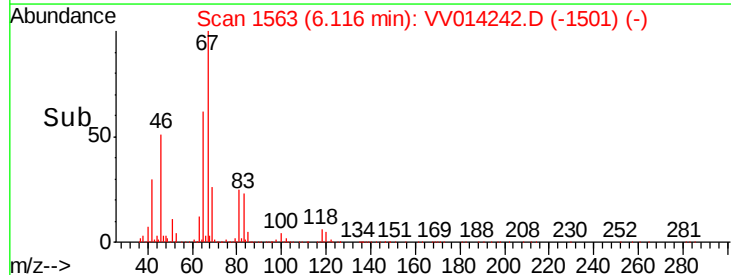
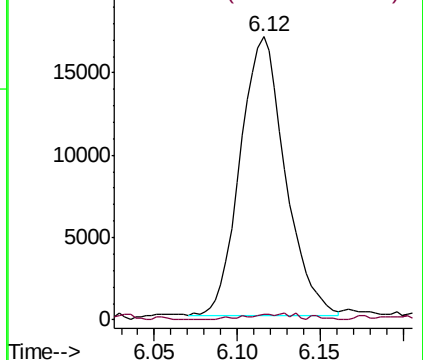
63 100

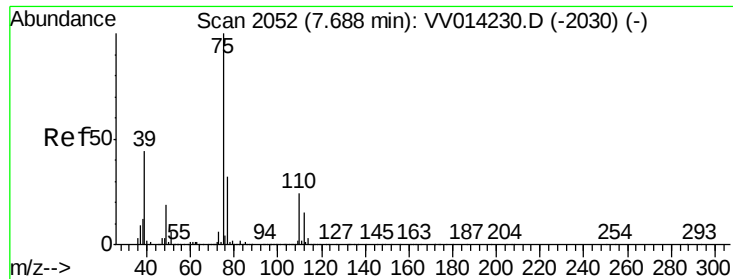
112 1.4 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV014242.D

Acq: 31 Dec 2019 16:40

Instrument :

MSVOA_V

ClientSampled :

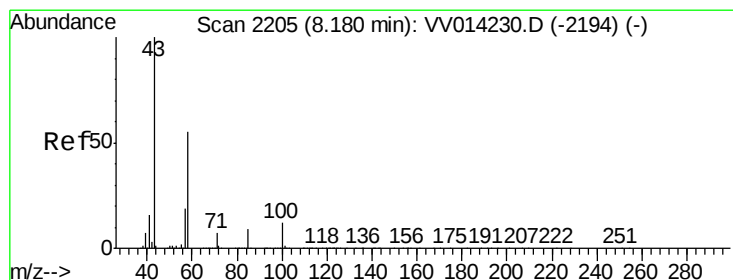
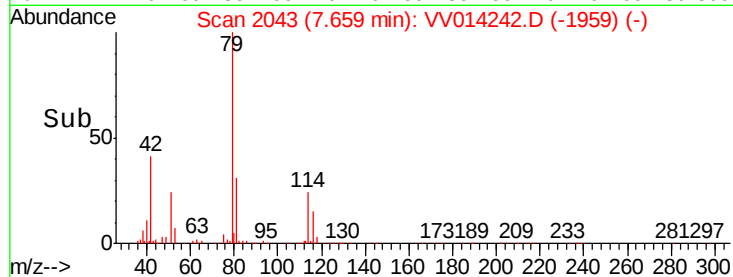
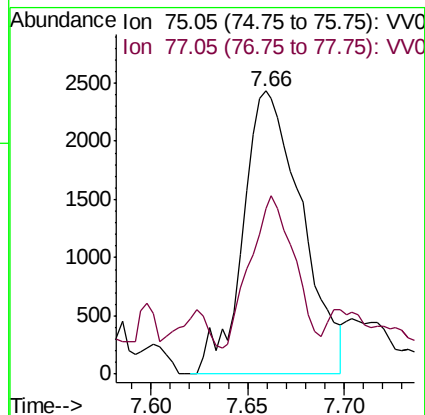
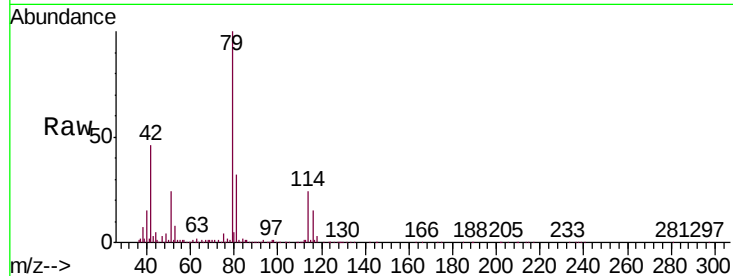
VHBLK01

Tgt Ion: 75 Resp: 5152

Ion Ratio Lower Upper

75 100

77 58.6 22.0 41.0#



#48

2-Hexanone

Concen: 2.633 ug/L

RT: 8.13 min Scan# 2189

Delta R.T. -0.05 min

Lab File: VV014242.D

Acq: 31 Dec 2019 16:40

Tgt Ion: 43 Resp: 62594

Ion Ratio Lower Upper

43 100

58 26.1 45.4 68.0#

57 19.0 15.8 23.8

100 0.5 10.2 15.4#

