

Data File : VV012671.D
Acq On : 11 Sep 2019 14:25
Operator : SY/MD
Sample : K4703-19
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Sep 12 07:19:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 12 07:16:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	482348	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	483819	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	194686	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	177040	5.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.20%
7) Chloroethane-d5	1.58	69	146650	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.40%
11) 1,1-Dichloroethene-d2	2.13	63	219270	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.00%
20) 2-Butanone-d5	3.96	46	388052	49.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.56%
24) Chloroform-d	4.40	84	297996	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.08	65	148619	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.09	84	597030	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.12	67	189111	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.36	98	484584	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.66	79	57045	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.14	63	179044	37.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	111219	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	174935	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

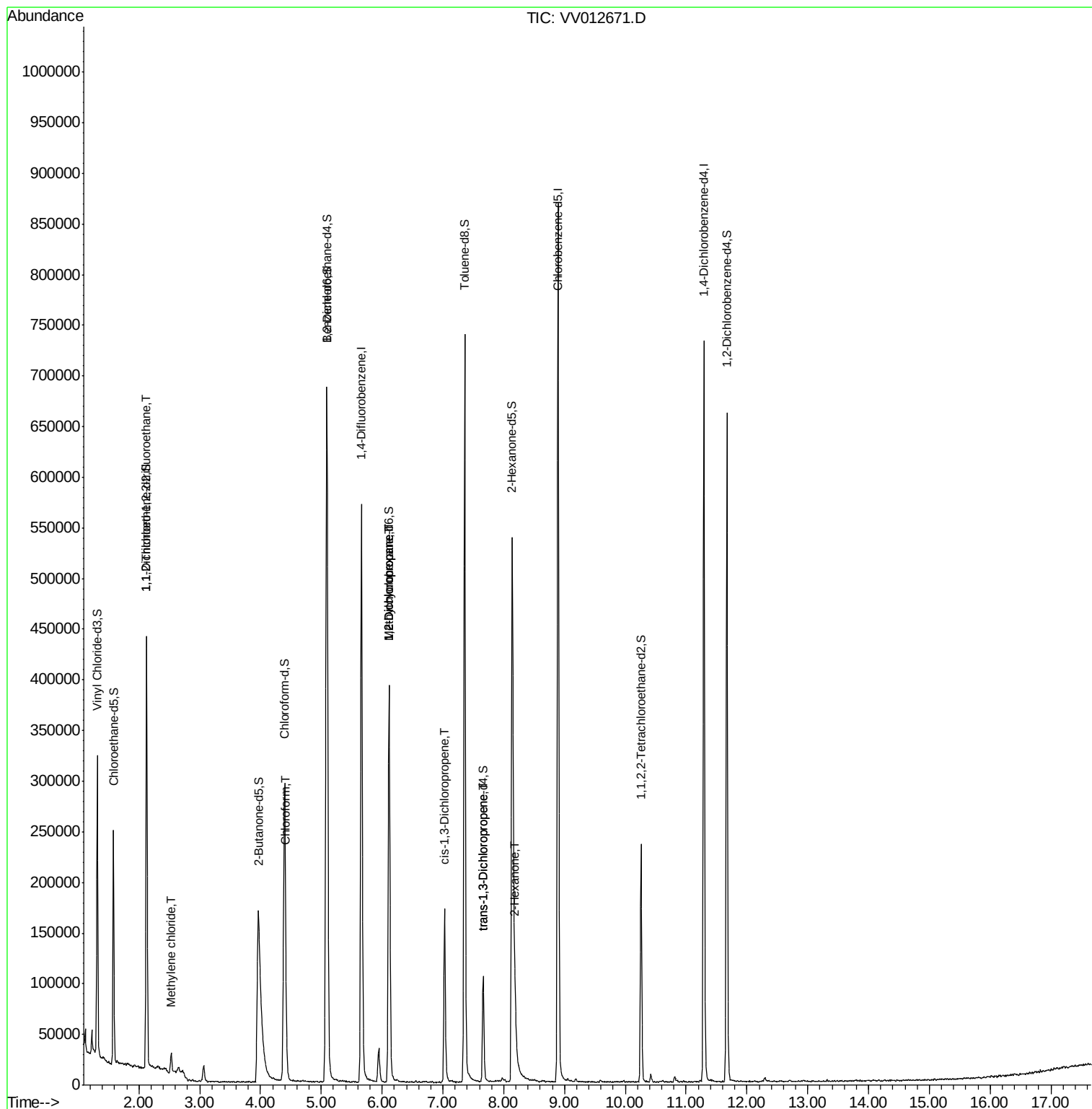
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2317	0.074	ug/L #	18
16) Methylene chloride	2.53	84	7926	0.216	ug/L	98
25) Chloroform	4.42	83	12354	0.177	ug/L	95
35) Methylcyclohexane	6.12	83	44995	0.815	ug/L #	18
37) 1,2-Dichloropropane	6.11	63	19954	0.567	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	4587	0.099	ug/L #	72
44) trans-1,3-Dichloropropene	7.67	75	2607	0.075	ug/L #	83
48) 2-Hexanone	8.19	43	46546	3.332	ug/L #	86

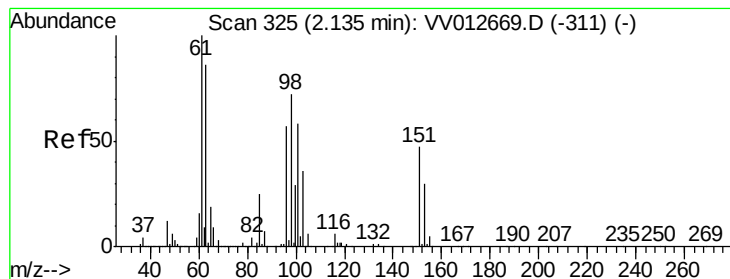
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.074 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012671.D

Acq: 11 Sep 2019 14:25

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

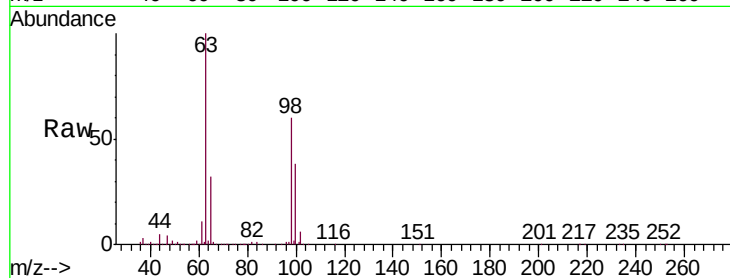
Tgt Ion: 101 Resp: 2317

Ion Ratio Lower Upper

101 100

85 1.7 33.0 49.6#

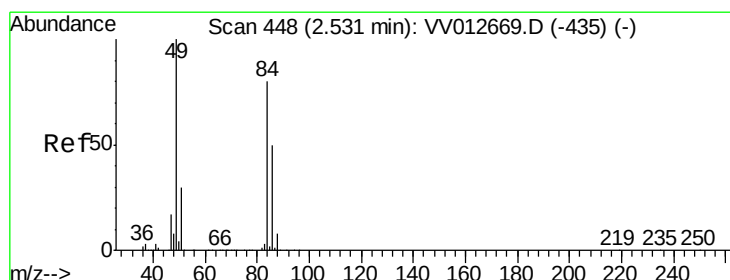
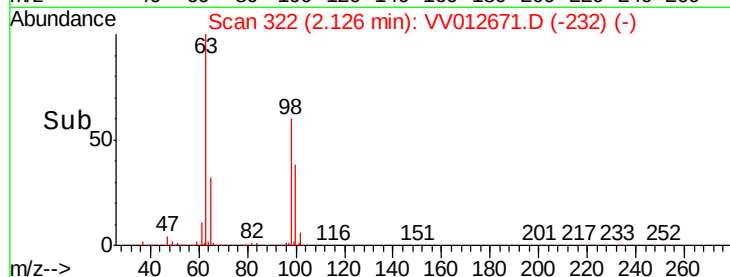
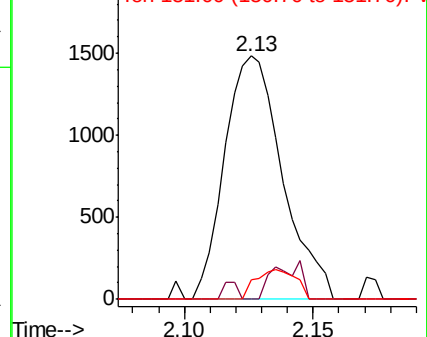
151 0.0 65.8 98.8#



Abundance Ion 101.00 (100.70 to 101.70): V

2000 Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#16

Methylene chloride

Concen: 0.216 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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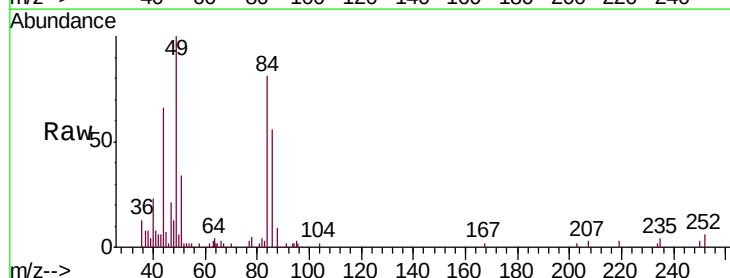
Tgt Ion: 84 Resp: 7926

Ion Ratio Lower Upper

84 100

86 69.3 46.1 85.7

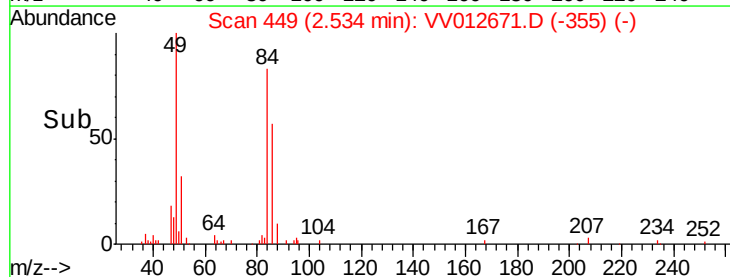
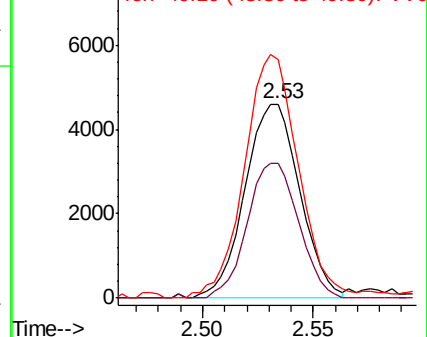
49 123.2 85.3 158.3

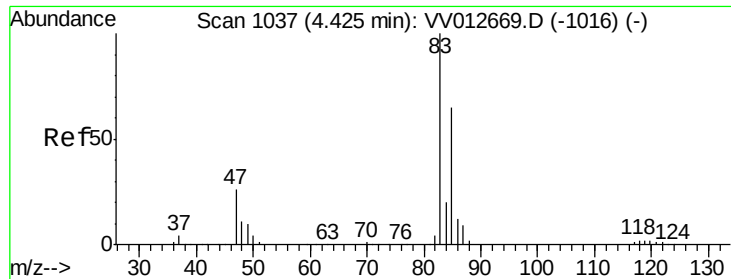


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0





#25

Chloroform

Concen: 0.177 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampled :

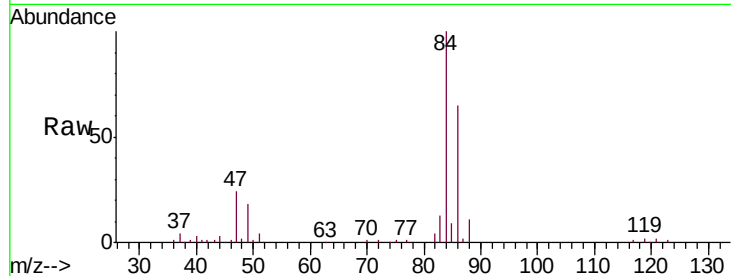
VHBLK01

Tgt Ion: 83 Resp: 12354

Ion Ratio Lower Upper

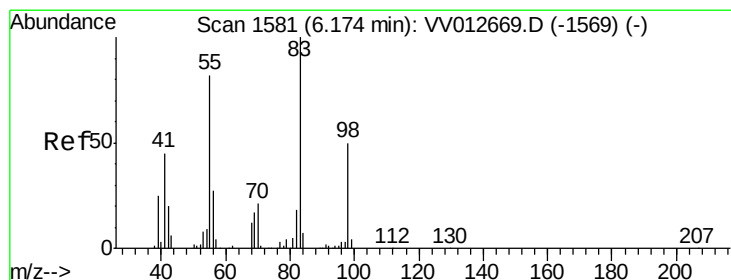
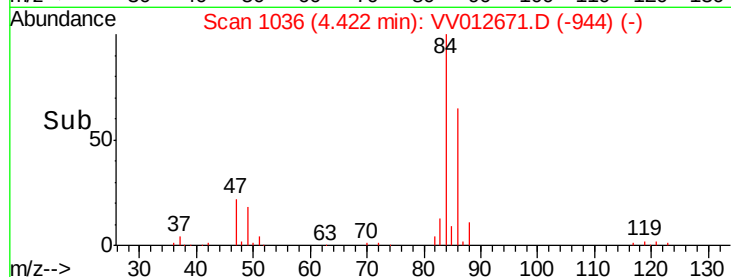
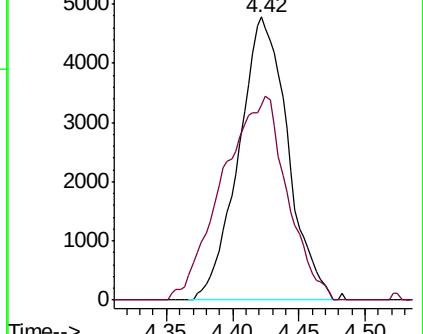
83 100

85 69.0 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#35

Methylcyclohexane

Concen: 0.815 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV012671.D

Acq: 11 Sep 2019 14:25

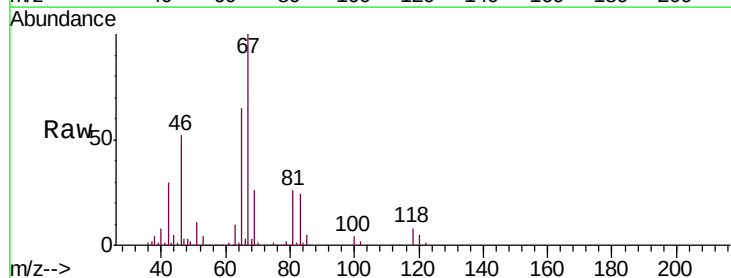
Tgt Ion: 83 Resp: 44995

Ion Ratio Lower Upper

83 100

55 0.8 63.0 94.4#

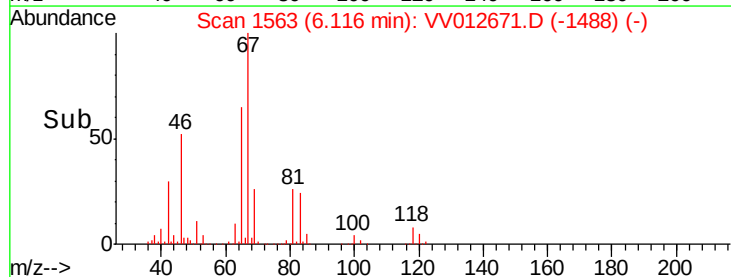
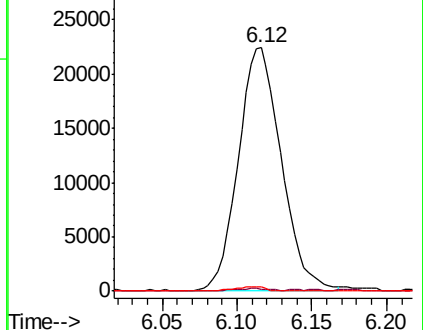
98 1.2 39.8 59.8#

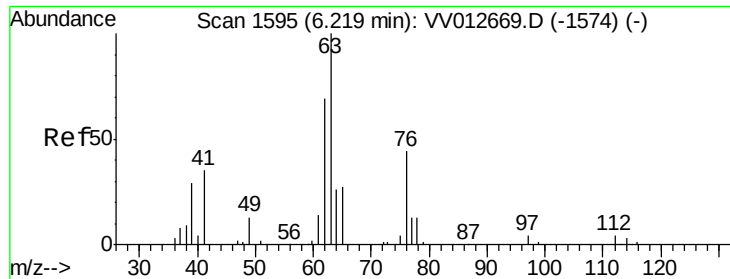


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

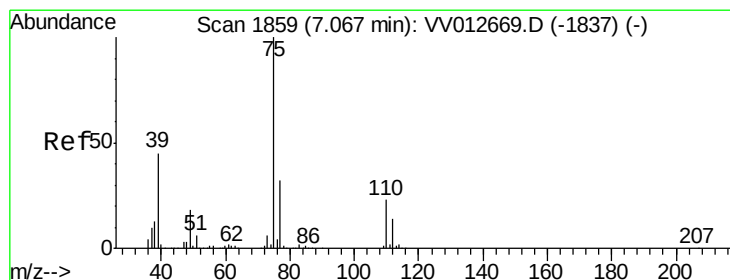
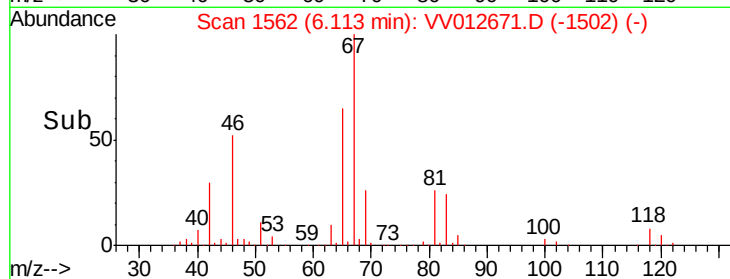
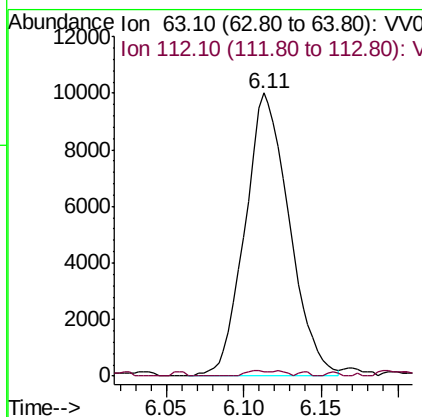
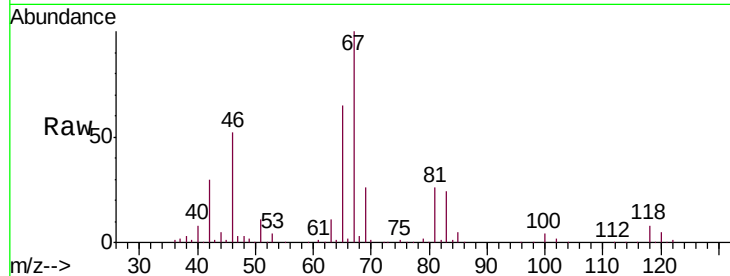




#37
 1,2-Dichloropropane
 Concen: 0.567 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV012671.D
 Acq: 11 Sep 2019 14:25

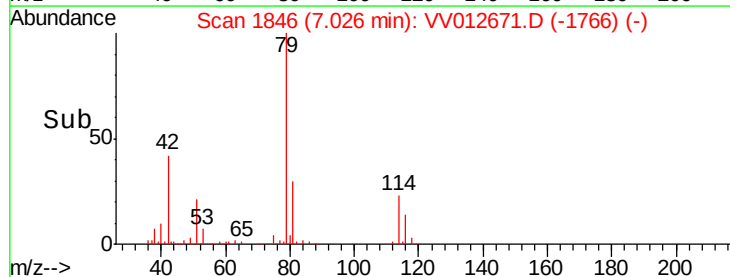
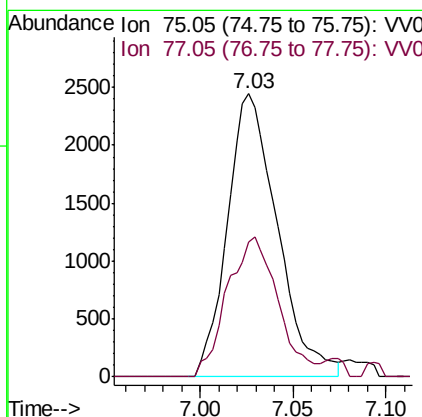
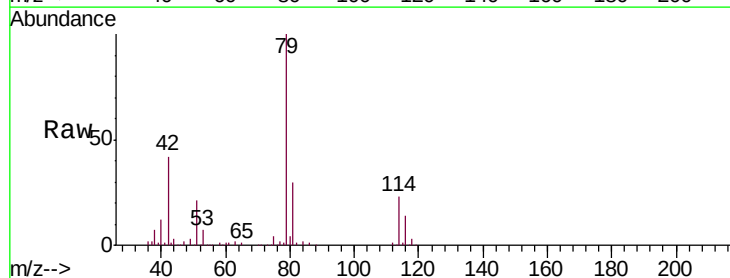
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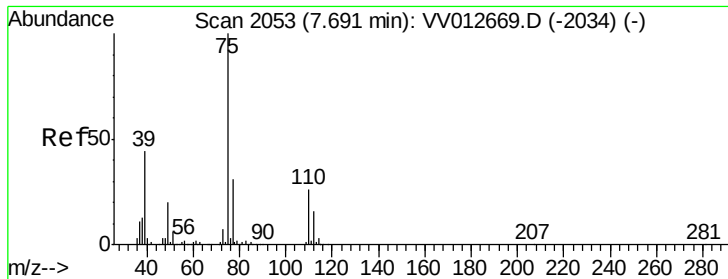
Tgt Ion: 63 Resp: 19954
 Ion Ratio Lower Upper
 63 100
 112 0.9 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV012671.D
 Acq: 11 Sep 2019 14:25

Tgt Ion: 75 Resp: 4587
 Ion Ratio Lower Upper
 75 100
 77 47.6 22.3 41.3#





#44

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV012671.D

Acq: 11 Sep 2019 14:25

Instrument :

MSVOA_V

ClientSampleId :

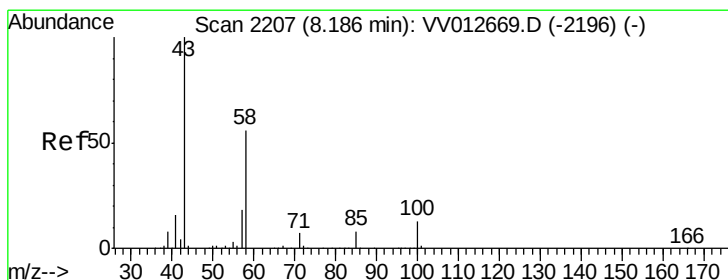
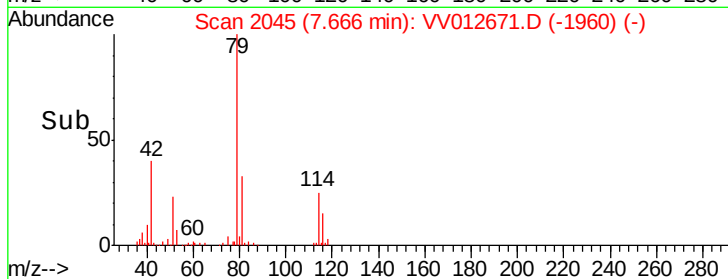
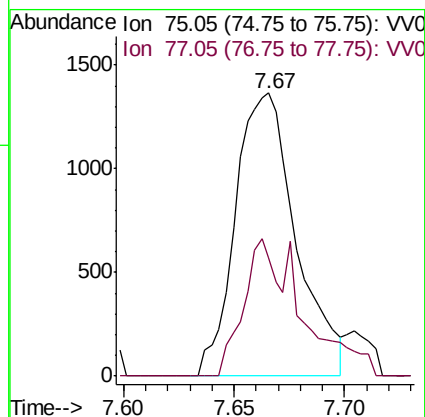
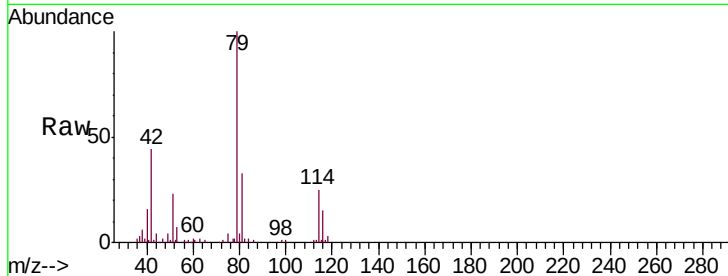
VHBLK01

Tgt Ion: 75 Resp: 2607

Ion Ratio Lower Upper

75 100

77 41.7 22.4 41.6#



#48

2-Hexanone

Concen: 3.332 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VV012671.D

Acq: 11 Sep 2019 14:25

Tgt Ion: 43 Resp: 46546

Ion Ratio Lower Upper

43 100

58 43.8 44.8 67.2#

57 13.0 14.9 22.3#

100 10.1 9.8 14.8

