

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122019\
 Data File : VV014145.D
 Acq On : 20 Dec 2019 10:29
 Operator : SY/MD
 Sample : VV1220WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK37

Quant Time: Dec 21 02:33:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 21 02:31:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	382313	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	359071	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	153522	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	122234	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.58	69	108483	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	2.13	63	163849	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.20%
20) 2-Butanone-d5	3.94	46	220327	44.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.58%
24) Chloroform-d	4.40	84	233230	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.08	65	115207	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.09	84	446516	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.11	67	138203	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.36	98	350202	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	7.66	79	46740	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.13	63	154195	38.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.80%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	91857	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	132544	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

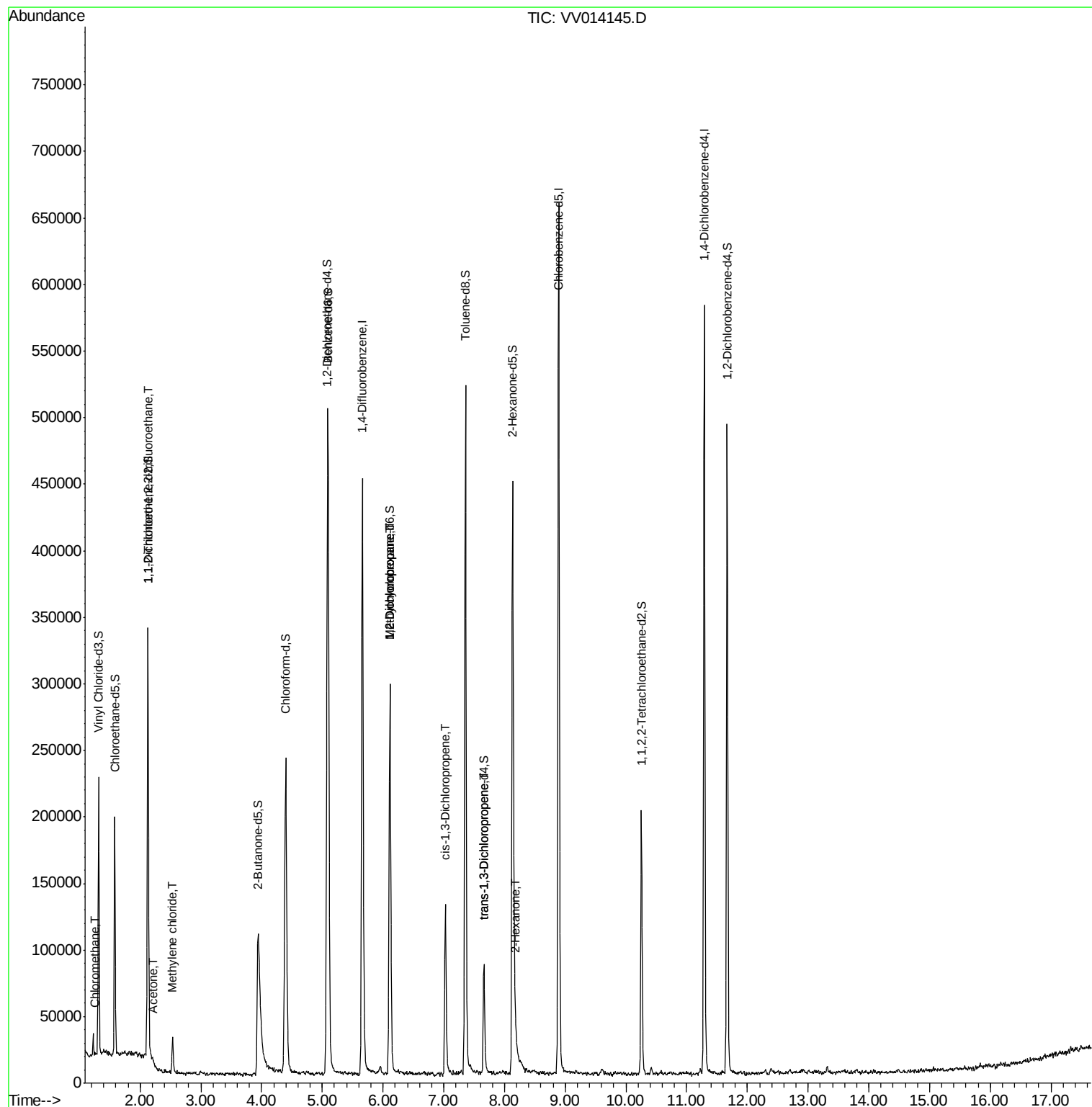
					Ovalue
3) Chloromethane	1.25	50	1725	0.077 ug/L	90
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1760	0.084 ug/L #	30
13) Acetone	2.21	43	9668	2.811 ug/L	82
16) Methylene chloride	2.53	84	11457	0.455 ug/L	93
35) Methylcyclohexane	6.11	83	35093	1.082 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	16381	0.724 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	3538	0.110 ug/L #	75
44) trans-1,3-Dichloropropene	7.66	75	2539	0.101 ug/L	99
48) 2-Hexanone	8.18	43	6893	0.731 ug/L #	40

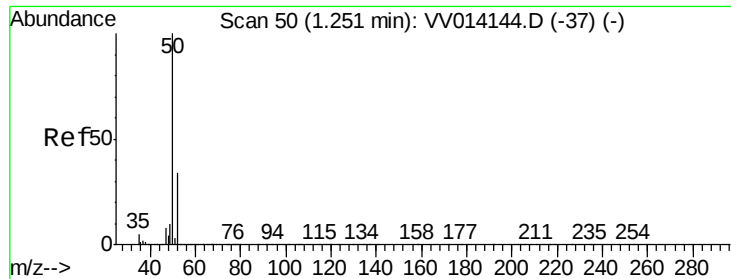
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.077 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV014145.D

Acq: 20 Dec 2019 10:29

Instrument :

MSVOA_V

ClientSampled :

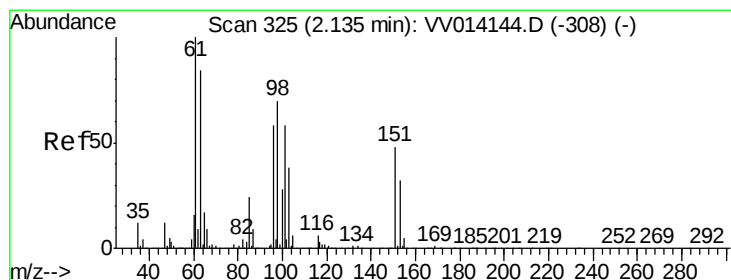
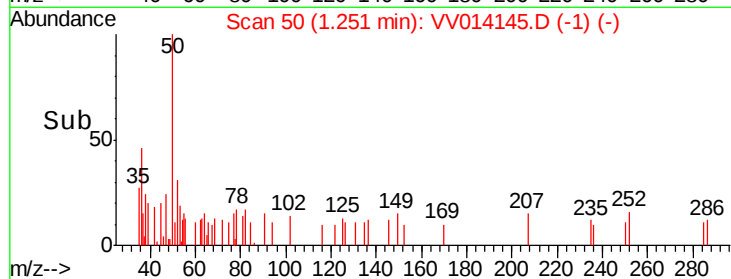
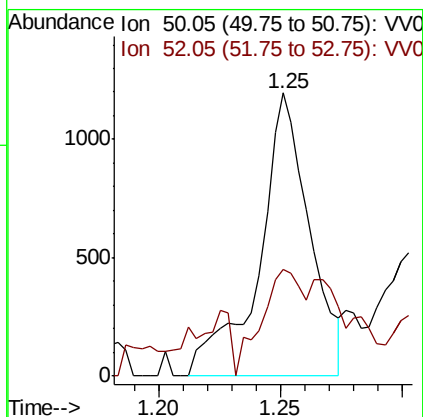
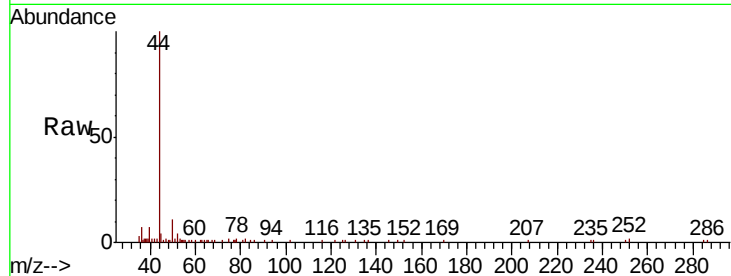
VBLK37

Tot Ion: 50 Resp: 1725

Ion Ratio Lower Upper

50 100

52 37.6 22.5 41.7



#10

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

Concen: 0.084 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV014145.D

Acq: 20 Dec 2019 10:29

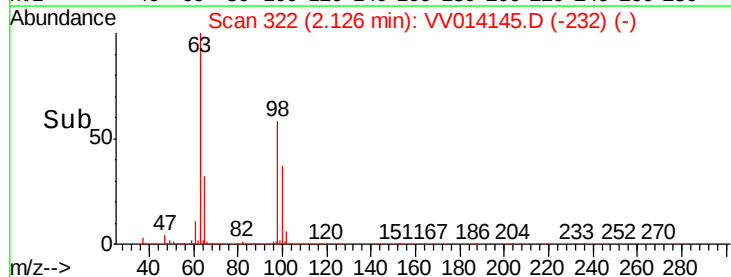
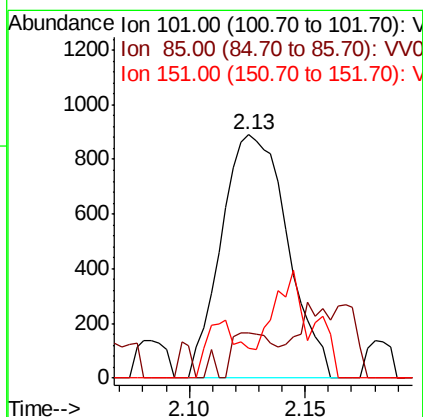
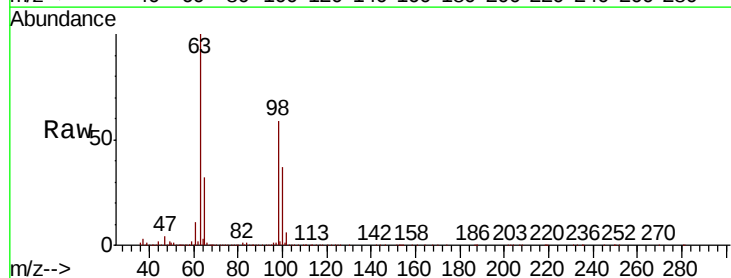
Tgt Ion:101 Resp: 1760

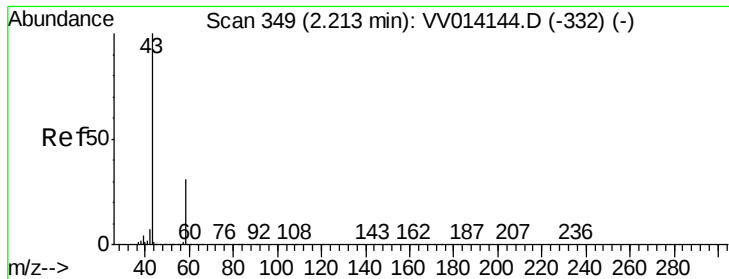
Ion Ratio Lower Upper

101 100

85 11.4 33.4 50.0#

151 13.0 69.4 104.0#





#13

Acetone

Concen: 2.811 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.00 min

Lab File: VV014145.D

Acq: 20 Dec 2019 10:29

Instrument :

MSVOA_V

ClientSampleId :

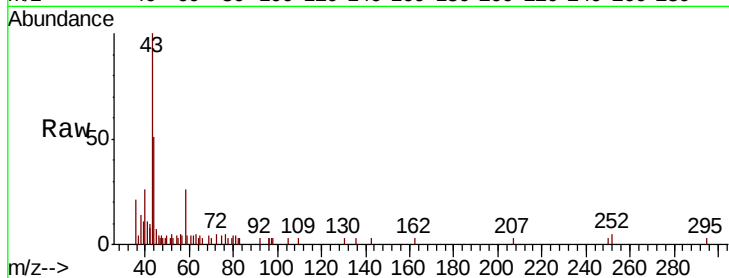
VBLK37

Tot Ion: 43 Resp: 9668

Ion Ratio Lower Upper

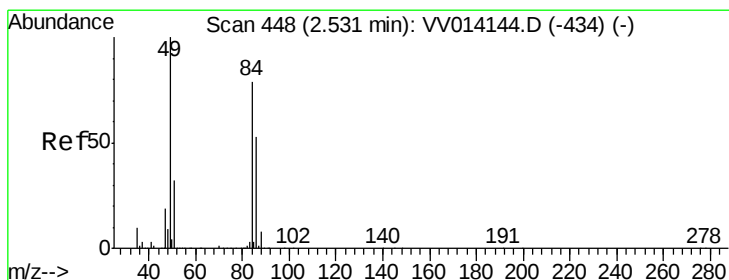
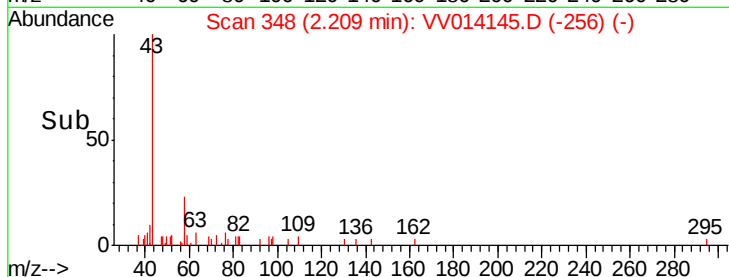
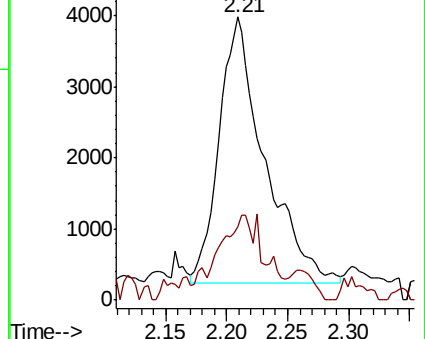
43 100

58 20.9 0.0 27.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#16

Methylene chloride

Concen: 0.455 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV014145.D

Acq: 20 Dec 2019 10:29

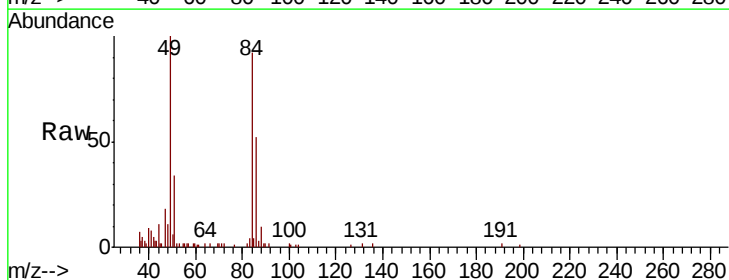
Tgt Ion: 84 Resp: 11457

Ion Ratio Lower Upper

84 100

86 57.3 44.0 81.6

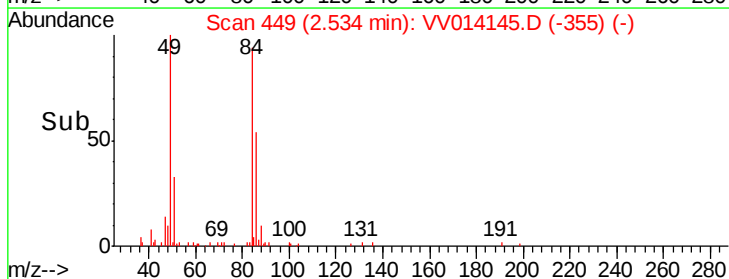
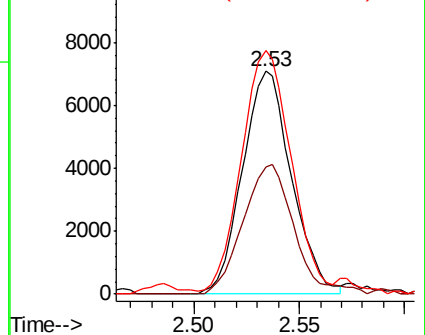
49 109.2 81.5 151.5

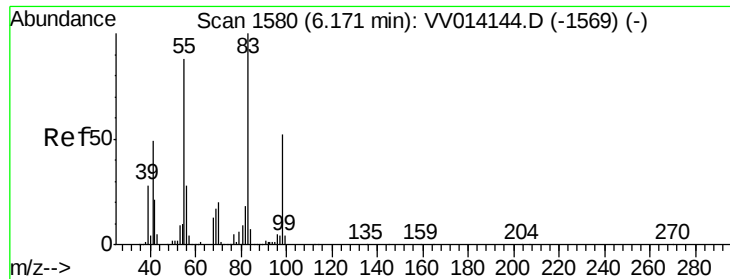


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

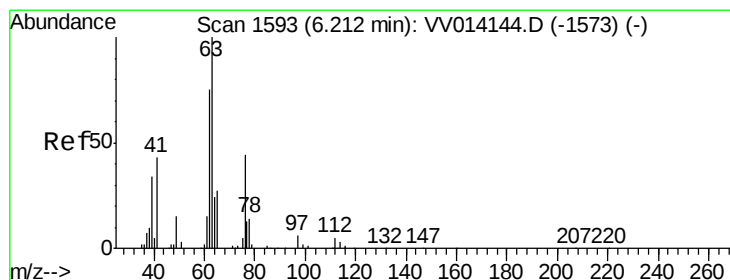
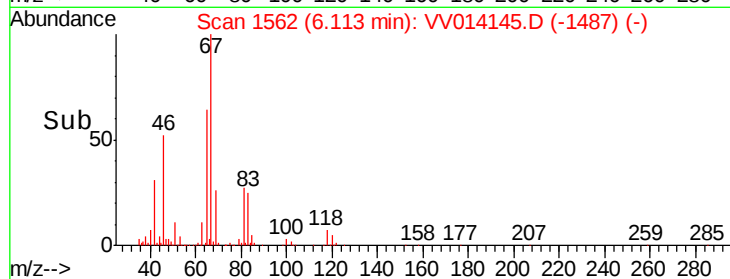
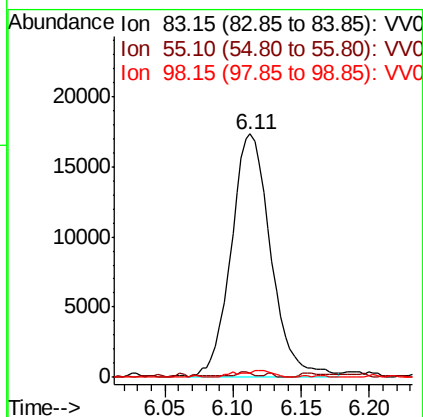
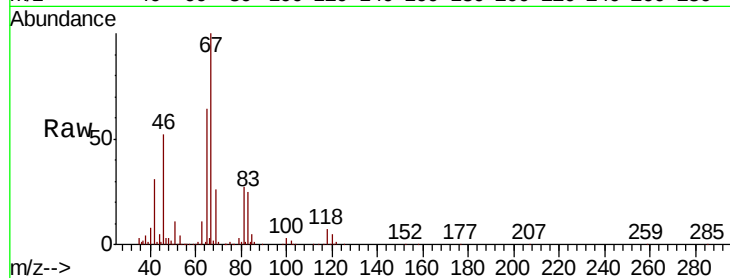




#35
Methvlcvclohexane
Concen: 1.082 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014145.D
Acq: 20 Dec 2019 10:29

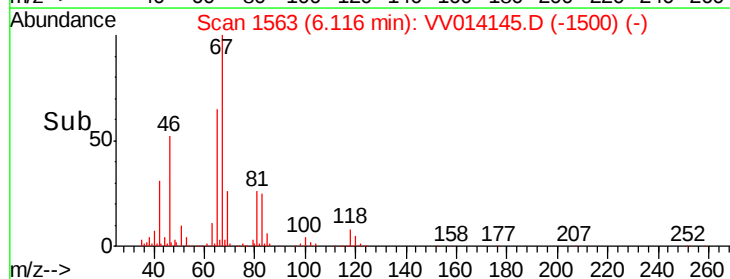
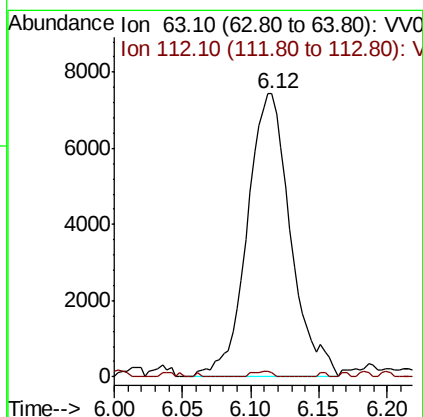
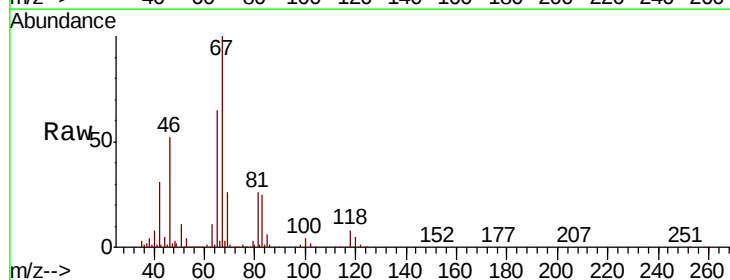
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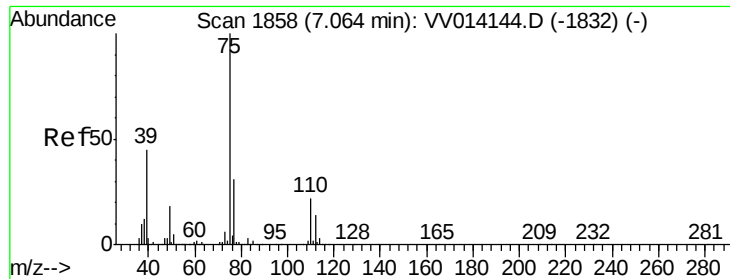
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.5	60.3	90.5#
98	1.7	38.1	57.1#



#37
1,2-Dichloropropane
Concen: 0.724 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV014145.D
Acq: 20 Dec 2019 10:29

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.9	4.4	6.6#





#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV014145.D

Acq: 20 Dec 2019 10:29

Instrument :

MSVOA_V

ClientSampleId :

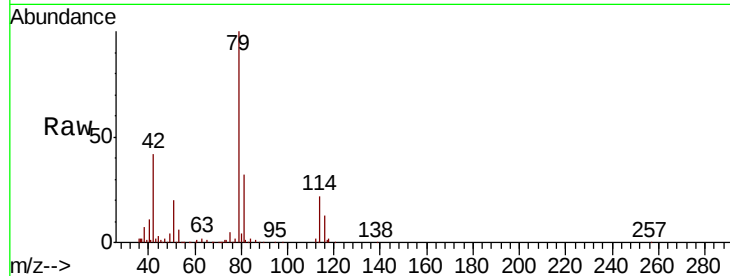
VBLK37

Tot Ion: 75 Resp: 3538

Ion Ratio Lower Upper

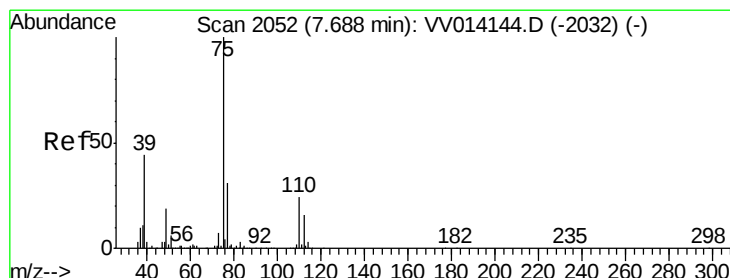
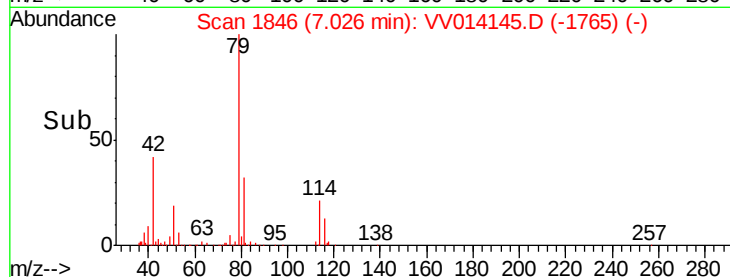
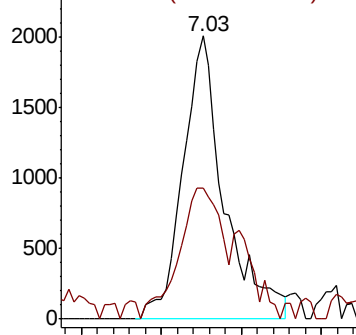
75 100

77 46.1 22.5 41.9#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV014145.D

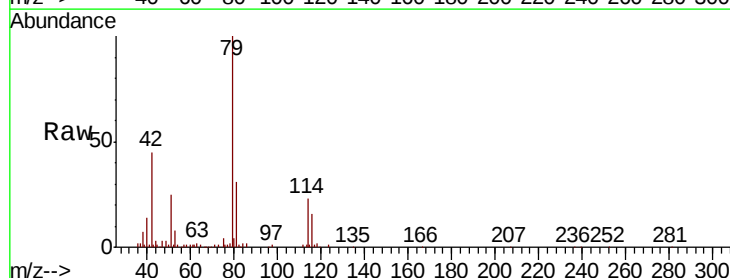
Acq: 20 Dec 2019 10:29

Tgt Ion: 75 Resp: 2539

Ion Ratio Lower Upper

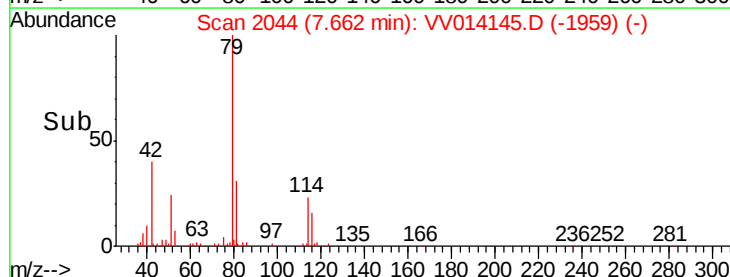
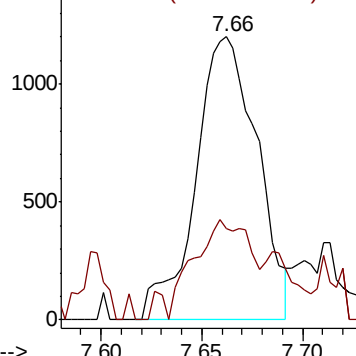
75 100

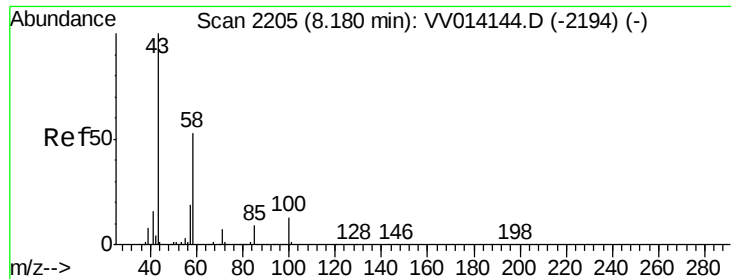
77 32.4 23.0 42.8



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#48

2-Hexanone

Concen: 0.731 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV014145.D

Acq: 20 Dec 2019 10:29

Instrument :

MSVOA_V

ClientSampleId :

VBLK37

Tot Ion: 43 Resp: 6893

Ion Ratio Lower Upper

43 100

58 0.0 43.2 64.8#

57 0.0 15.4 23.2#

100 3.2 10.4 15.6#

