

Data File : VV012537.D
Acq On : 02 Sep 2019 19:09
Operator : SY/MD
Sample : VIBLK42
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK42

Quant Time: Sep 03 05:49:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 05:44:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	145387	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	146109	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	56112	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73282	5.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.80%
7) Chloroethane-d5	1.58	69	72411	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.13	63	122845	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	3.97	46	130966	48.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.34%
24) Chloroform-d	4.40	84	108896	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.08	65	59751	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.10	84	206599	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.12	67	65457	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.36	98	171890	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.67	79	21690	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.14	63	80348	45.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.82%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45256	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	58512	5.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.60%

Target Compounds

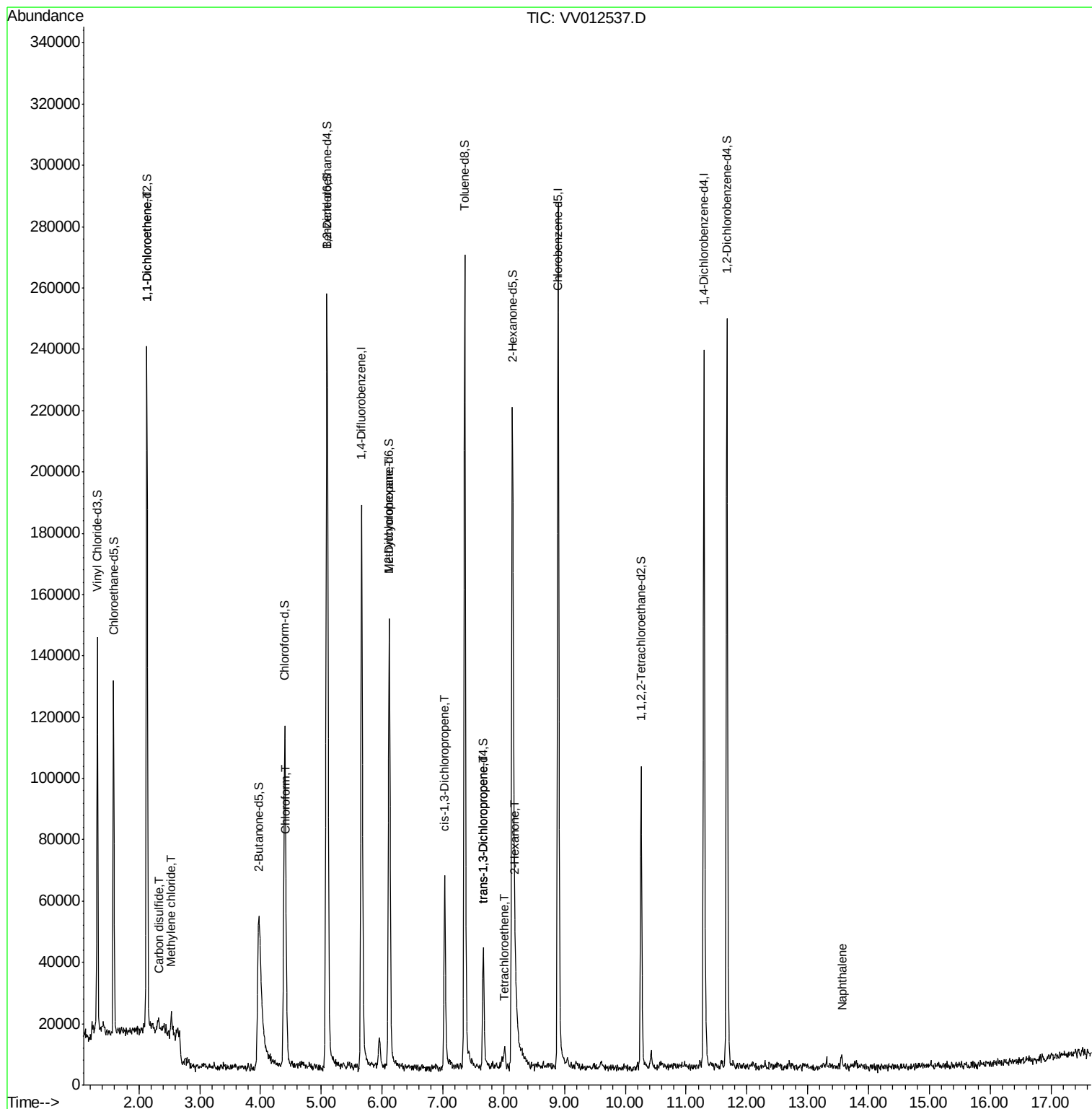
					Qvalue
12) 1,1-Dichloroethene	2.13	96	1374	0.073 ug/L #	1
14) Carbon disulfide	2.32	76	3163	0.052 ug/L #	65
16) Methylene chloride	2.53	84	2809	0.130 ug/L	90
25) Chloroform	4.43	83	5141	0.170 ug/L	92
35) Methylcyclohexane	6.12	83	15894	0.629 ug/L #	17
39) cis-1,3-Dichloropropene	7.03	75	1930	0.092 ug/L	88
44) trans-1,3-Dichloropropene	7.67	75	1704	0.103 ug/L	87
47) Tetrachloroethene	8.01	164	1438	0.120 ug/L	93
48) 2-Hexanone	8.19	43	10995	1.682 ug/L #	86
69) Naphthalene	13.55	128	2553	0.134 ug/L #	81

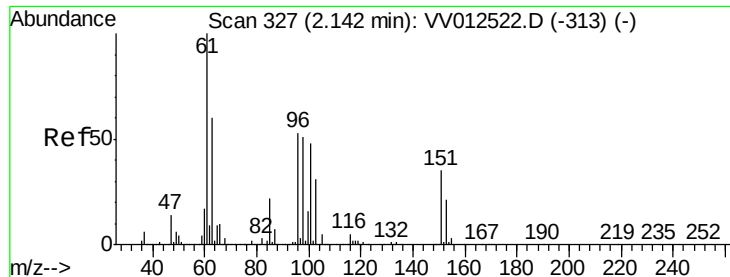
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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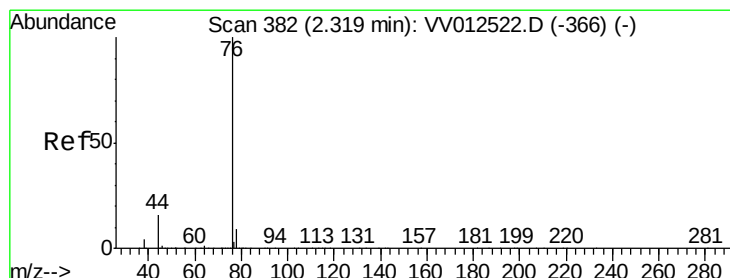
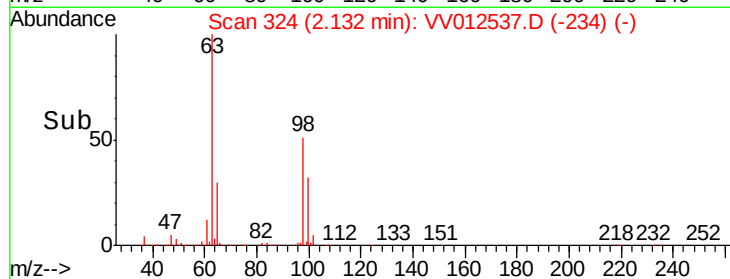
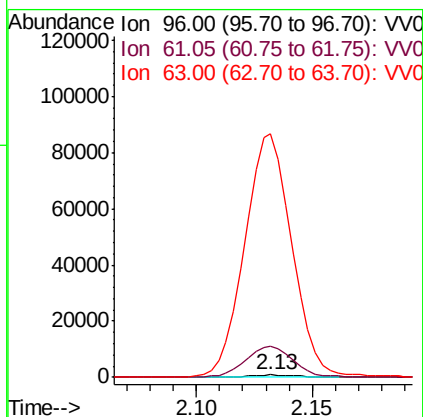
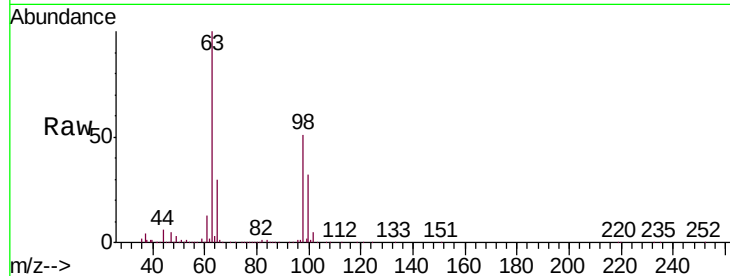




#12
 1,1-Dichloroethene
 Concen: 0.073 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.01 min
 Lab File: VV012537.D
 Acq: 02 Sep 2019 19:09

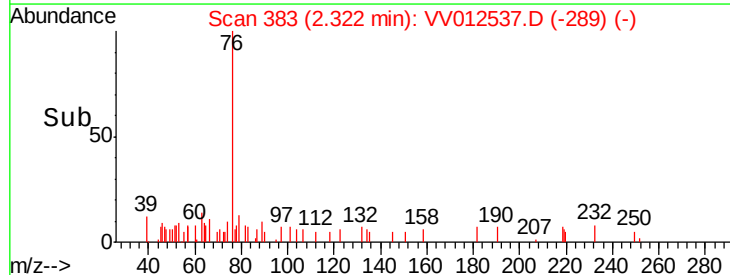
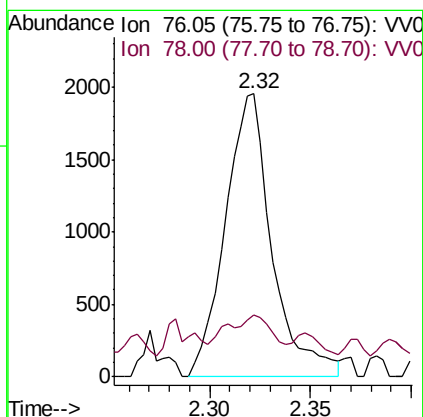
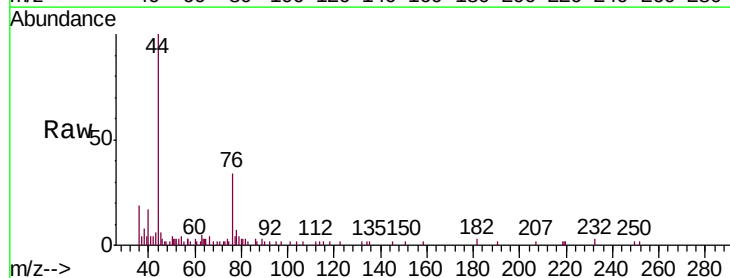
Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK42

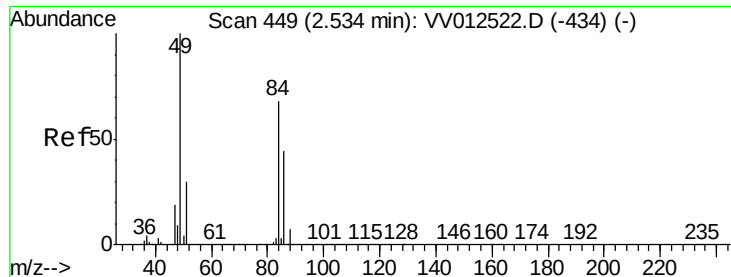
Tgt Ion: 96 Resp: 1374
 Ion Ratio Lower Upper
 96 100
 61 1288.0 133.7 248.3#
 63 10258.9 83.2 154.6#



#14
 Carbon disulfide
 Concen: 0.052 ug/L
 RT: 2.32 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VV012537.D
 Acq: 02 Sep 2019 19:09

Tgt Ion: 76 Resp: 3163
 Ion Ratio Lower Upper
 76 100
 78 21.9 7.4 11.0#

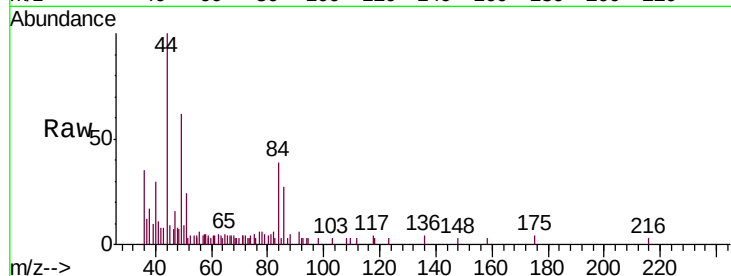




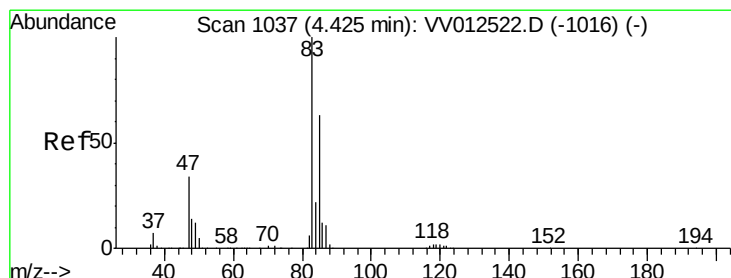
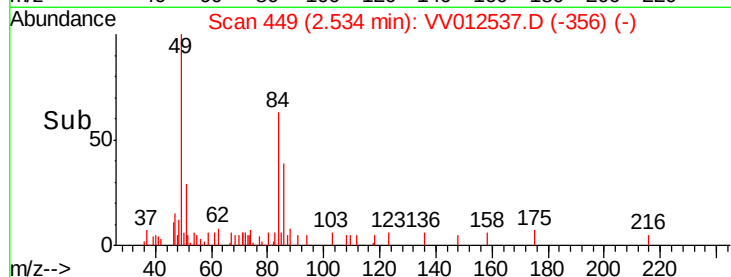
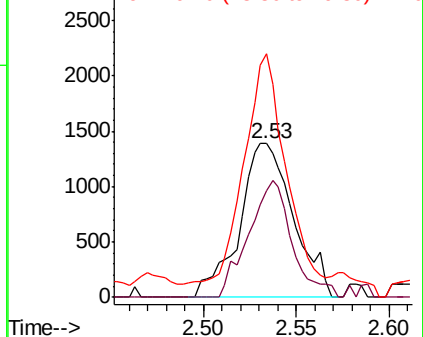
#16
Methylene chloride
Concen: 0.130 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV012537.D
Acq: 02 Sep 2019 19:09

Instrument :
MSVOA_V
ClientSampleId :
VIBLK42

Tgt Ion: 84 Resp: 2809
Ion Ratio Lower Upper
84 100
86 69.5 45.2 84.0
49 158.6 100.4 186.4

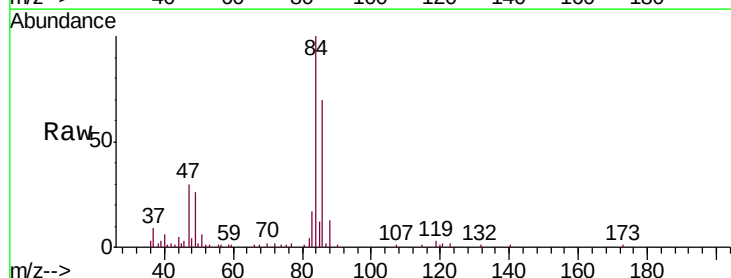


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

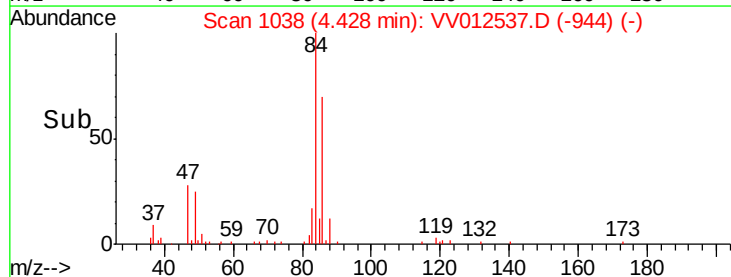
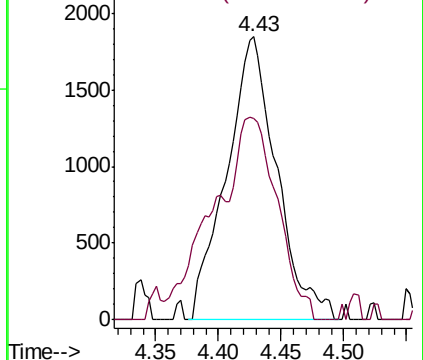


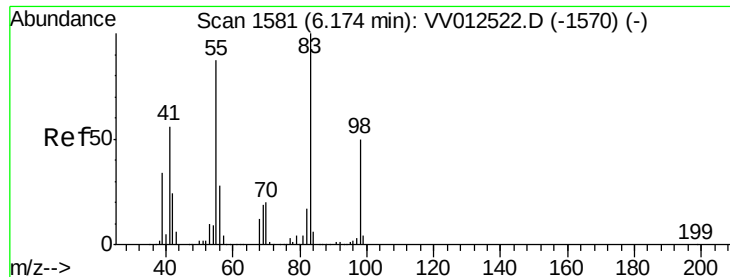
#25
Chloroform
Concen: 0.170 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012537.D
Acq: 02 Sep 2019 19:09

Tgt Ion: 83 Resp: 5141
Ion Ratio Lower Upper
83 100
85 71.0 45.1 83.9



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

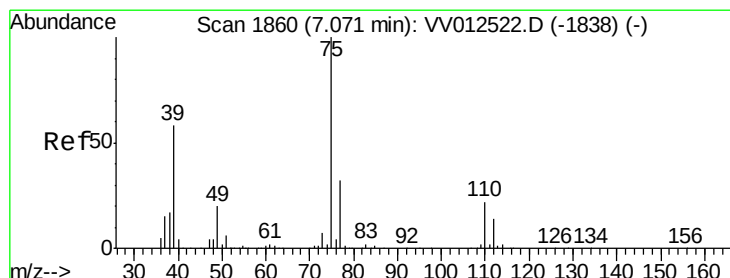
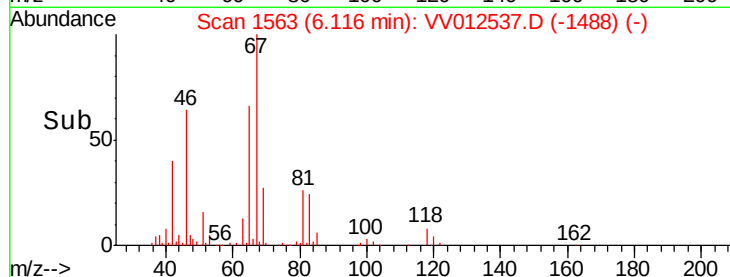
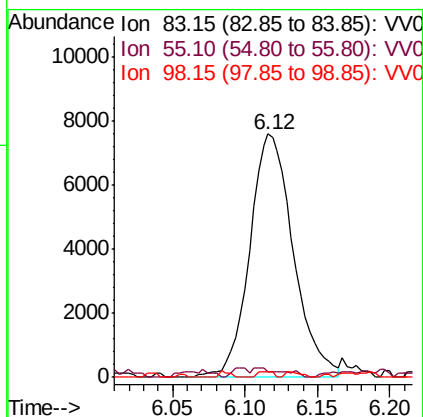
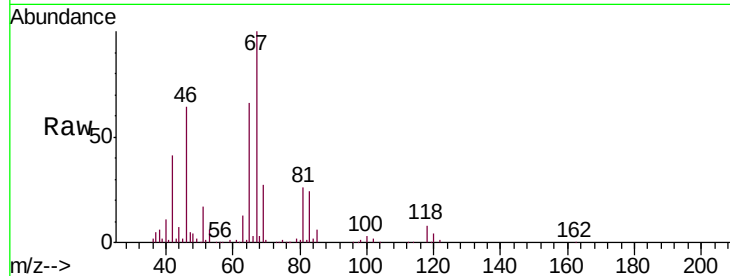




#35
Methylcyclohexane
Concen: 0.629 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012537.D
Acq: 02 Sep 2019 19:09

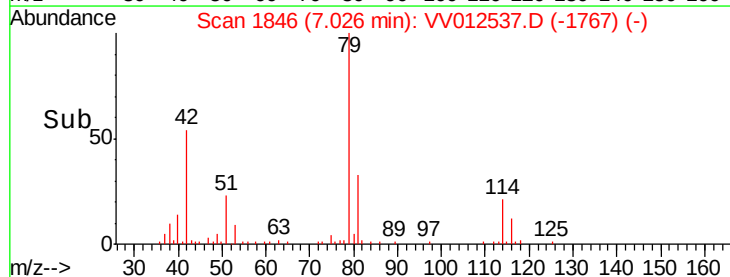
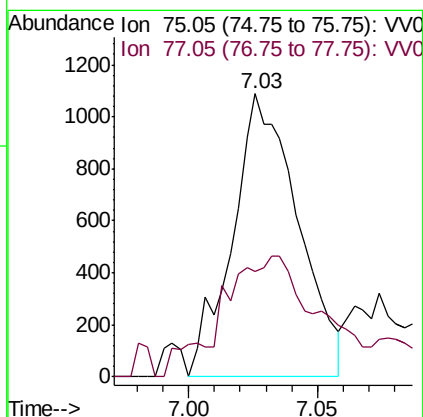
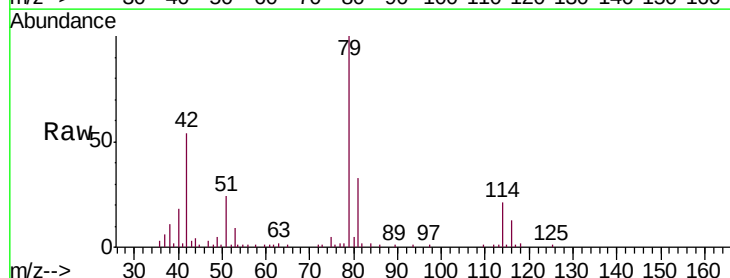
Instrument :
MSVOA_V
ClientSampleId :
VIBLK42

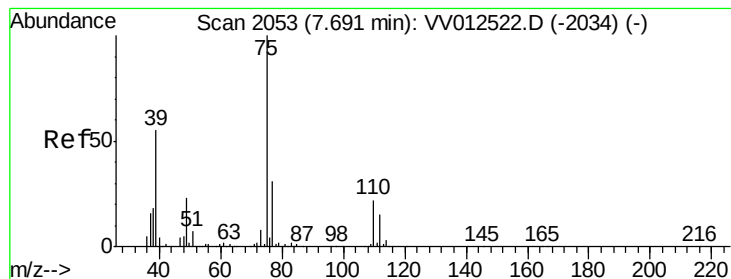
Tgt Ion: 83 Resp: 15894
Ion Ratio Lower Upper
83 100
55 1.4 67.3 100.9#
98 0.8 37.4 56.2#



#39
cis-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV012537.D
Acq: 02 Sep 2019 19:09

Tgt Ion: 75 Resp: 1930
Ion Ratio Lower Upper
75 100
77 37.3 21.6 40.0





#44

trans-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV012537.D

Acq: 02 Sep 2019 19:09

Instrument :

MSVOA_V

ClientSampleId :

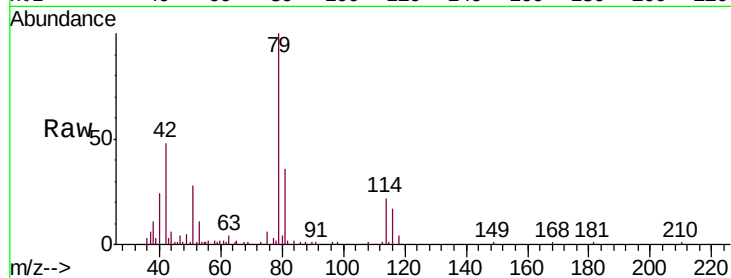
VIBLK42

Tgt Ion: 75 Resp: 1704

Ion Ratio Lower Upper

75 100

77 38.7 22.2 41.2



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.67

800

600

400

200

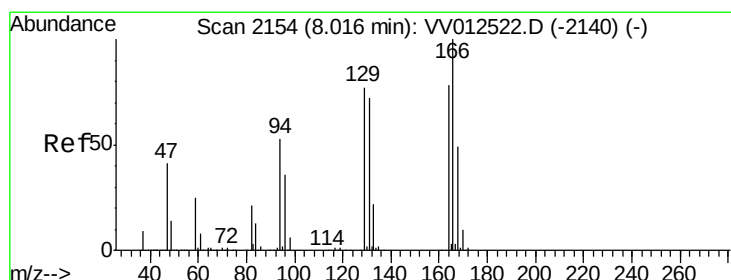
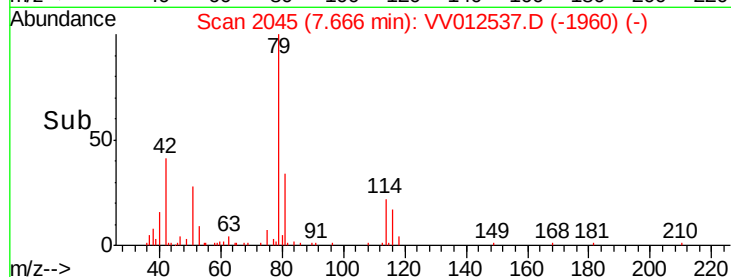
0

7.60

7.65

7.70

Time-->



#47

Tetrachloroethene

Concen: 0.120 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VV012537.D

Acq: 02 Sep 2019 19:09

Tgt Ion: 164 Resp: 1438

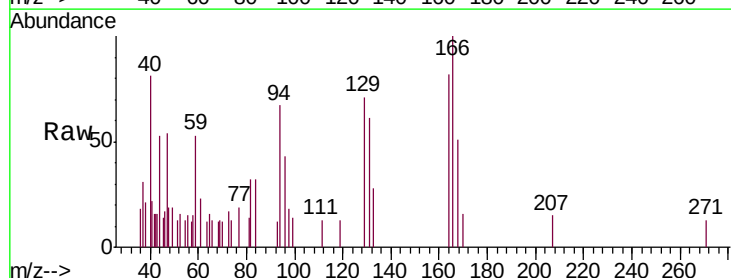
Ion Ratio Lower Upper

164 100

129 86.7 64.5 119.9

131 74.7 62.3 115.7

166 122.1 86.5 160.6



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

1500

1000

500

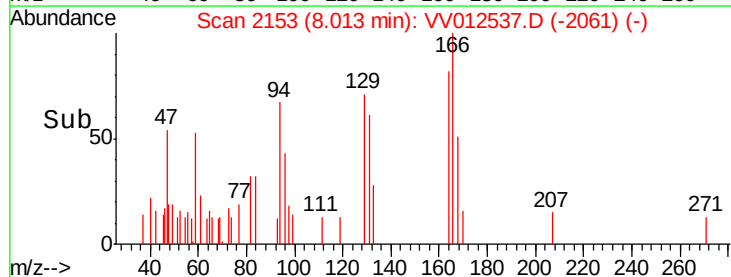
0

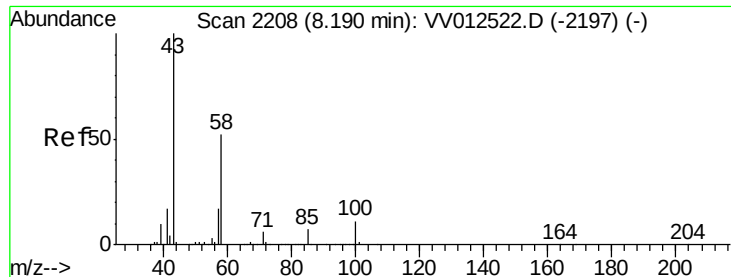
7.95

8.00

8.05

Time-->

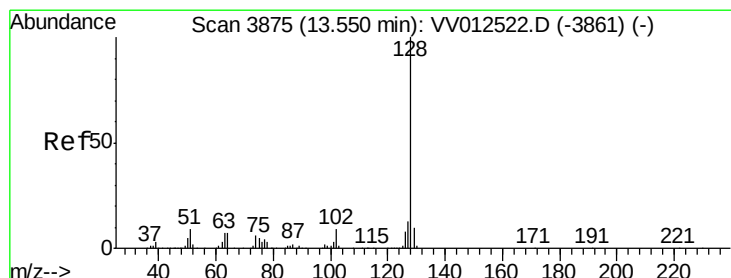
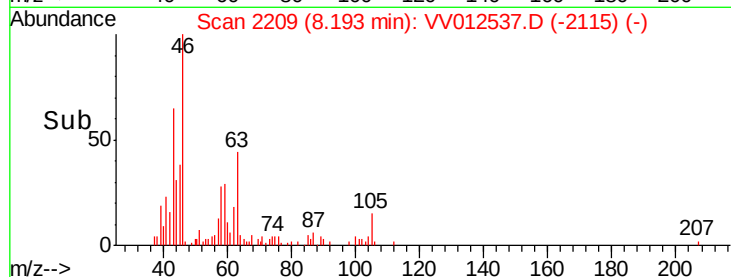
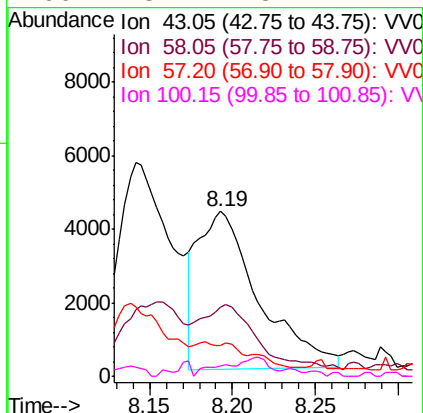
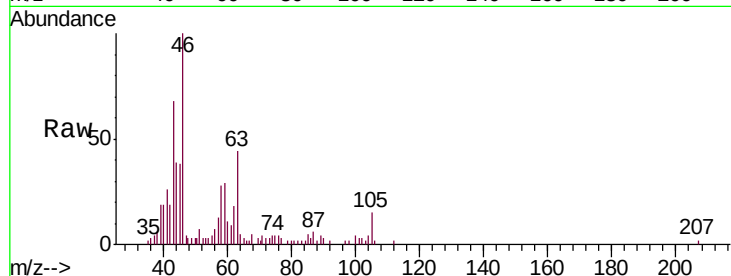




#48
2-Hexanone
Concen: 1.682 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VV012537.D
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Tgt Ion:	43	Resp:	10995
Ion	Ratio	Lower	Upper
43	100		
58	45.2	40.0	60.0
57	0.0	13.4	20.2#
100	8.7	8.2	12.2



#69
Naphthalene
Concen: 0.134 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. 0.00 min
Lab File: VV012537.D
Acq: 02 Sep 2019 19:09

Tgt Ion:	128	Resp:	2553
Ion	Ratio	Lower	Upper
128	100		
129	1.8	8.8	13.2#
127	7.8	11.0	16.4#

