

Data File : VV011807.D
Acq On : 02 Jul 2019 17:07
Operator : SY/MD
Sample : VIBLK40
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK40

Quant Time: Jul 03 08:31:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 08:28:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	171286	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	157325	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	62585	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57650	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.58	69	44670	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.12	63	83974	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	3.97	46	146512	51.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.94%
24) Chloroform-d	4.40	84	108103	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.08	65	60432	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.09	84	218099	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.12	67	68971	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.36	98	187874	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	7.66	79	20815	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.14	63	112763	54.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.66%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45044	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	62323	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

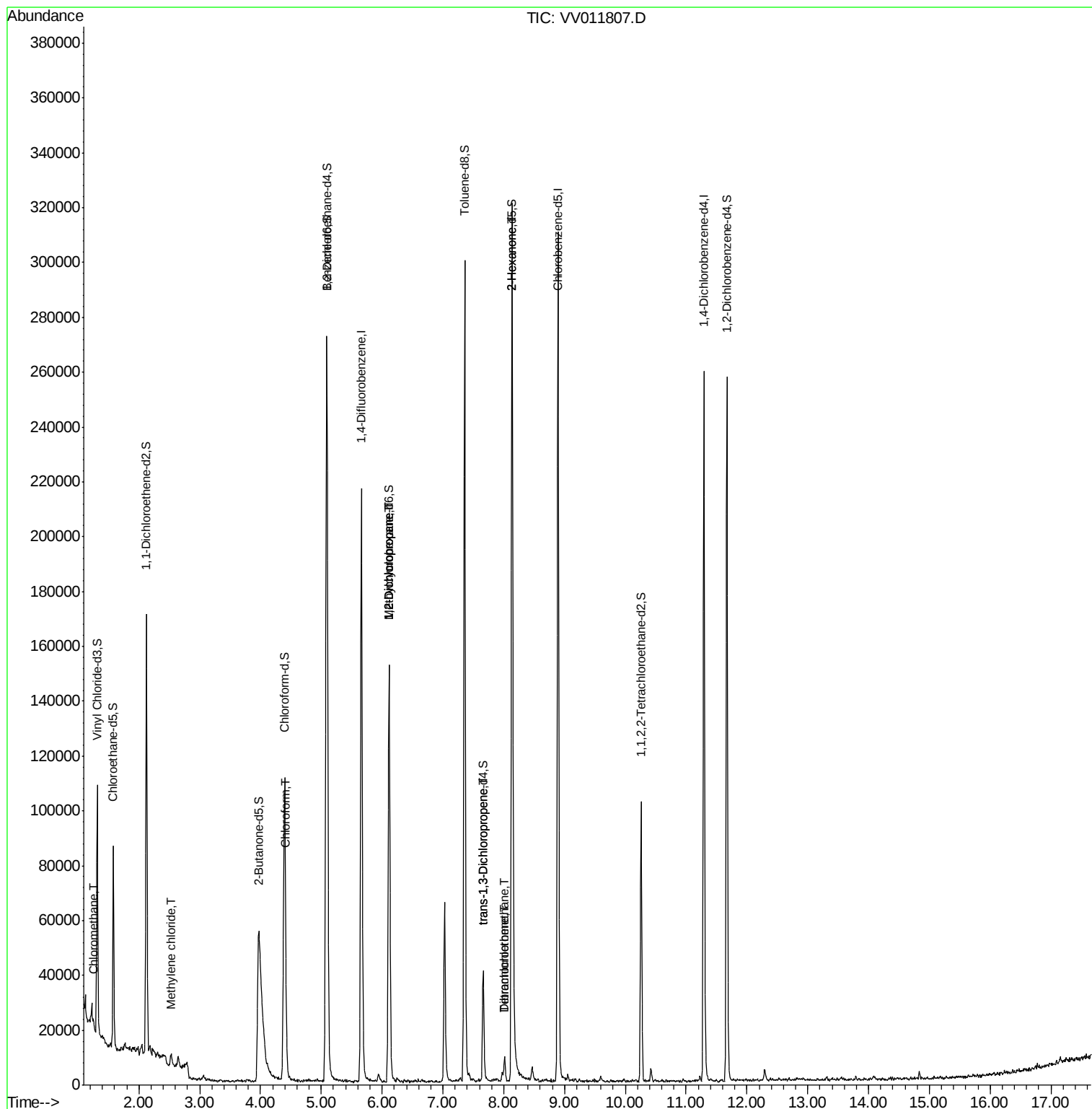
						Qvalue
3) Chloromethane	1.25	50	2255	0.139	ug/L	92
16) Methylene chloride	2.53	84	1980	0.160	ug/L	92
25) Chloroform	4.42	83	3054	0.123	ug/L	87
35) Methylcyclohexane	6.12	83	16457	0.825	ug/L #	15
37) 1,2-Dichloropropane	6.11	63	8255	0.688	ug/L #	88
44) trans-1,3-Dichloropropene	7.66	75	1282	0.104	ug/L #	79
47) Tetrachloroethene	8.01	164	1693	0.177	ug/L	93
48) 2-Hexanone	8.14	43	15539	2.964	ug/L #	69
49) Dibromochloromethane	8.01	129	1582	0.194	ug/L #	11

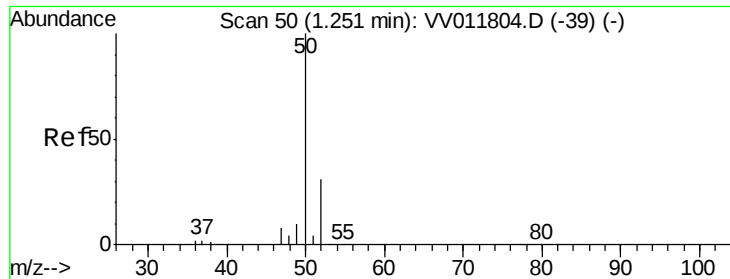
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.139 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV011807.D

Acq: 02 Jul 2019 17:07

Instrument :

MSVOA_V

ClientSampleId :

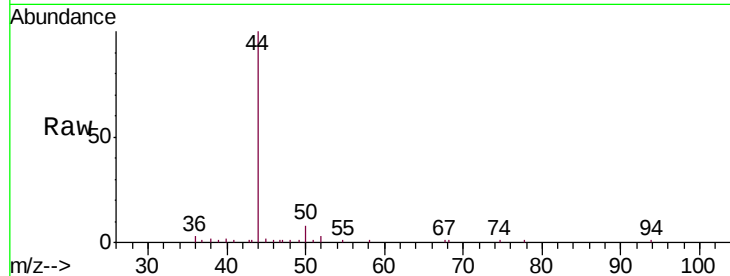
VIBLK40

Tgt Ion: 50 Resp: 2255

Ion Ratio Lower Upper

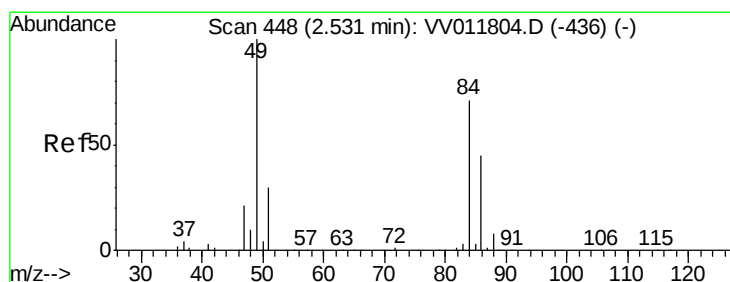
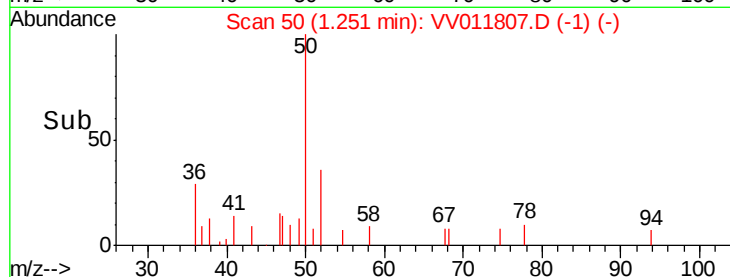
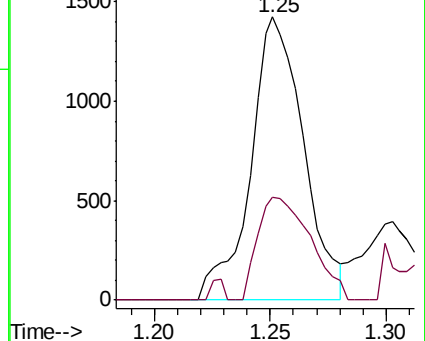
50 100

52 36.3 22.3 41.3



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#16

Methylene chloride

Concen: 0.160 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.00 min

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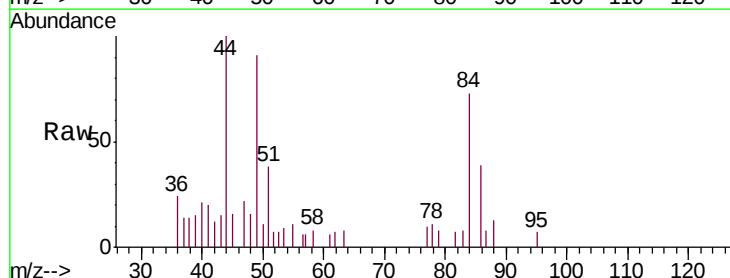
Tgt Ion: 84 Resp: 1980

Ion Ratio Lower Upper

84 100

86 64.9 44.5 82.7

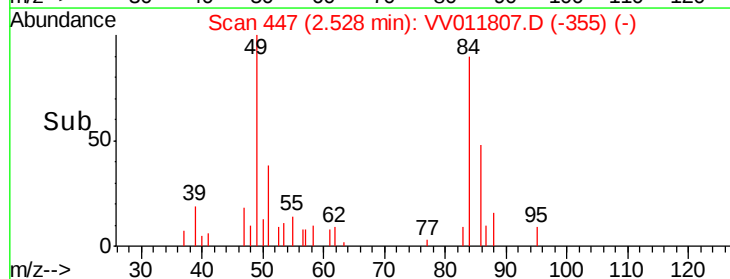
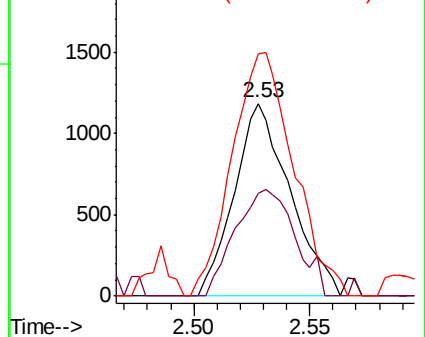
49 125.7 97.2 180.6

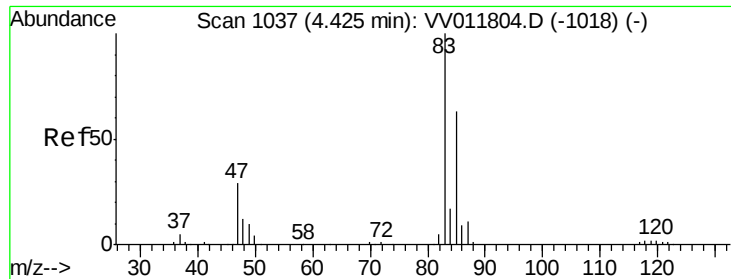


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

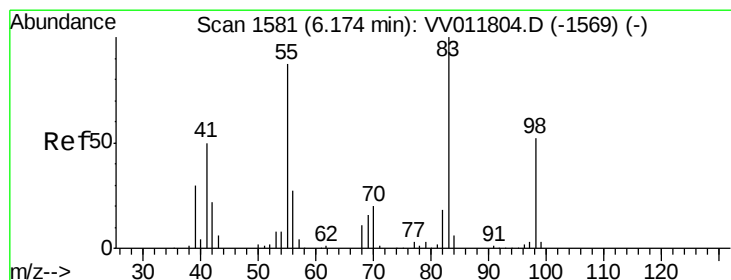
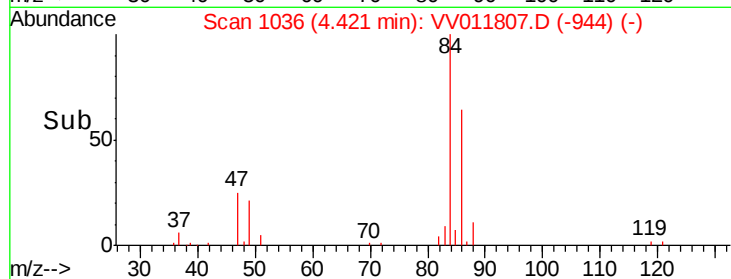
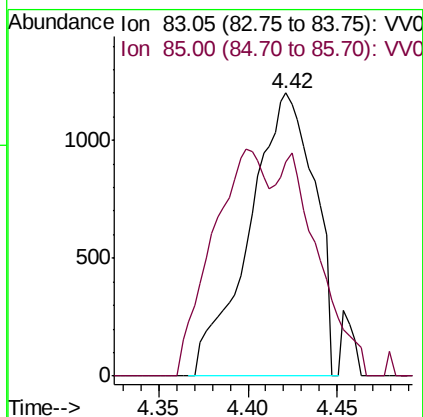
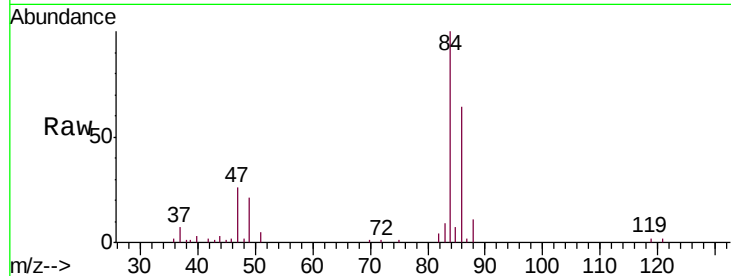




#25
Chloroform
Concen: 0.123 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV011807.D
Acq: 02 Jul 2019 17:07

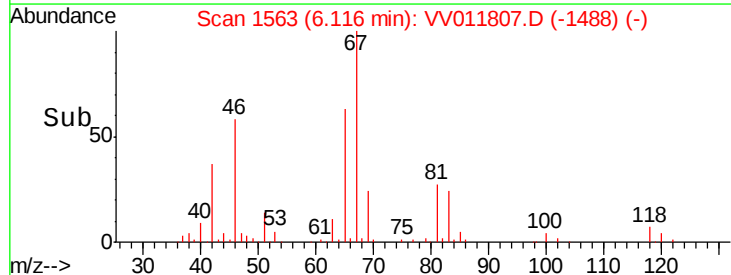
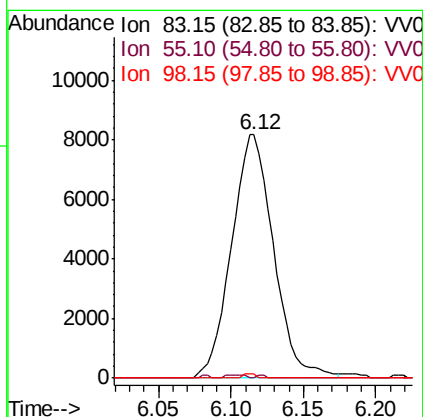
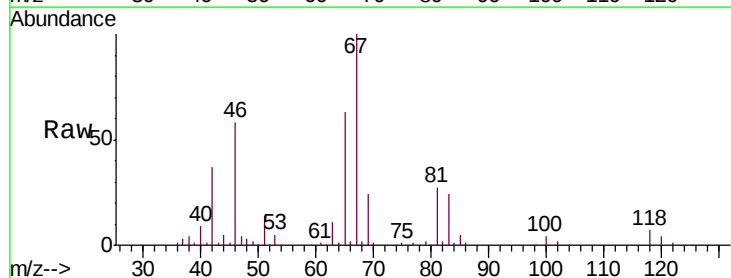
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VIBLK40

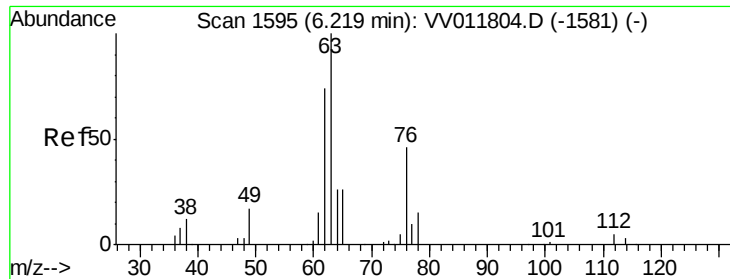
Tgt Ion: 83 Resp: 3054
Ion Ratio Lower Upper
83 100
85 75.7 45.9 85.3



#35
Methylcyclohexane
Concen: 0.825 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011807.D
Acq: 02 Jul 2019 17:07

Tgt Ion: 83 Resp: 16457
Ion Ratio Lower Upper
83 100
55 0.2 67.8 101.6#
98 0.4 39.8 59.8#

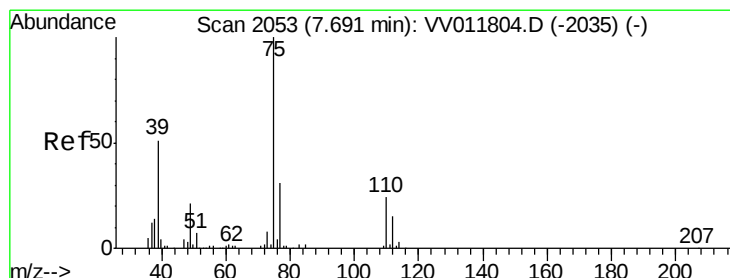
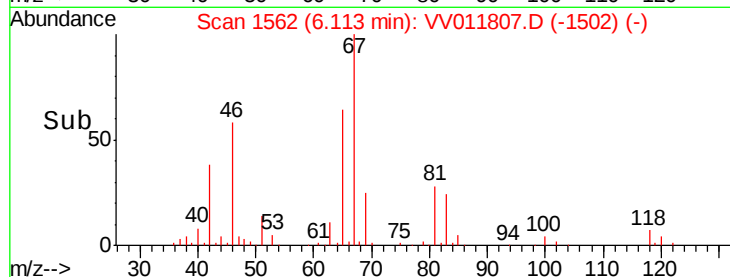
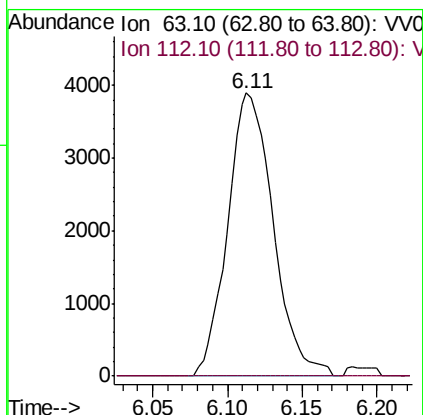
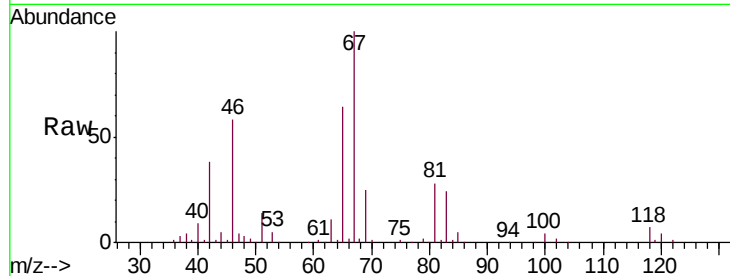




#37
 1,2-Dichloropropane
 Concen: 0.688 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV011807.D
 Acq: 02 Jul 2019 17:07

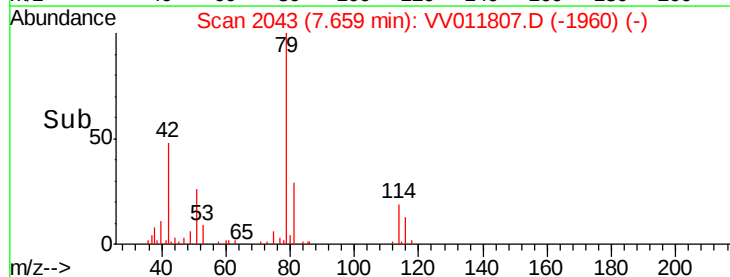
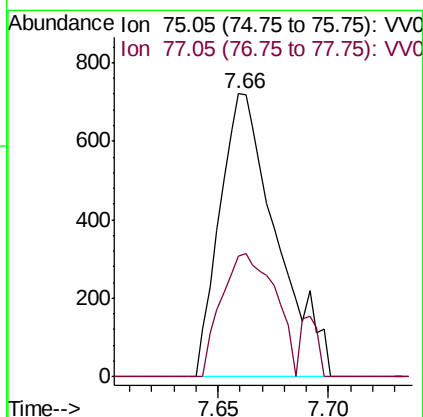
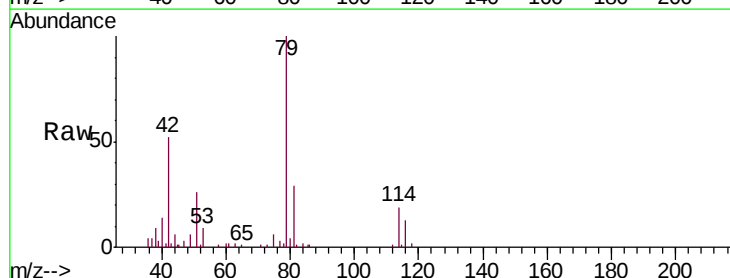
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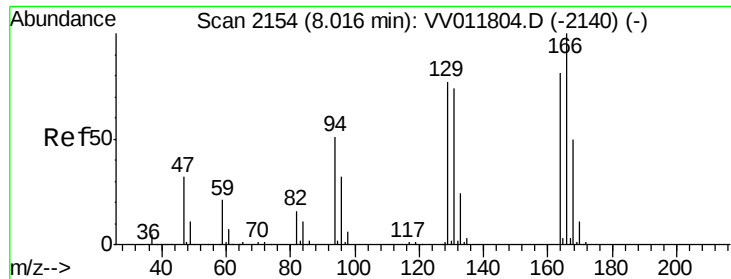
Tgt Ion: 63 Resp: 8255
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.66 min Scan# 2043
 Delta R.T. -0.03 min
 Lab File: VV011807.D
 Acq: 02 Jul 2019 17:07

Tgt Ion: 75 Resp: 1282
 Ion Ratio Lower Upper
 75 100
 77 42.6 21.6 40.0#

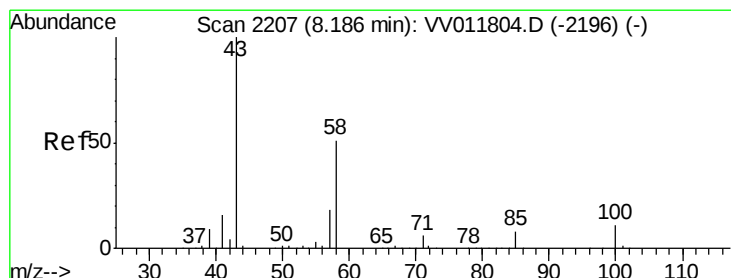
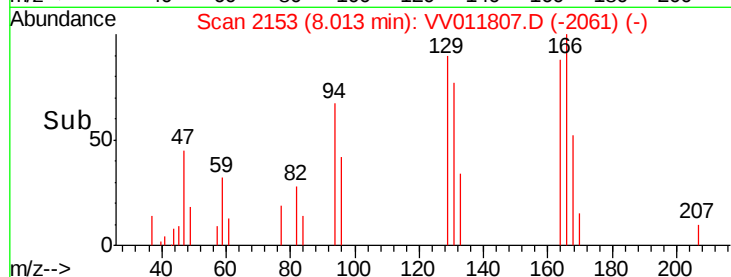
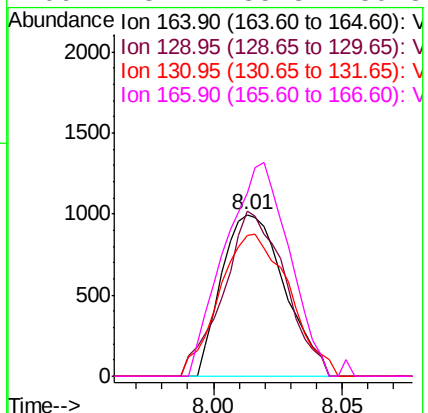
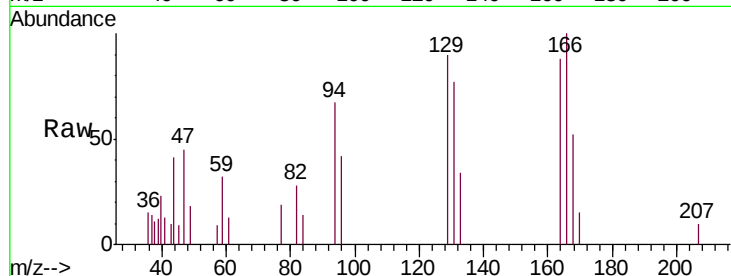




#47
Tetrachloroethene
Concen: 0.177 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VV011807.D
Acq: 02 Jul 2019 17:07

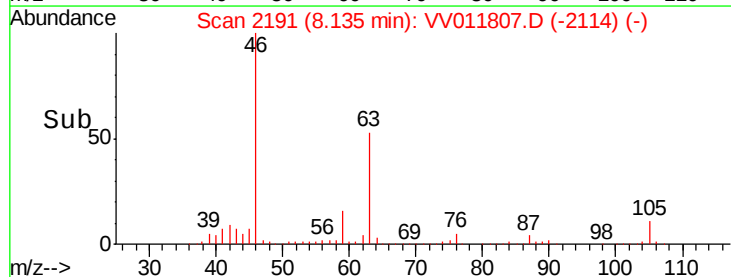
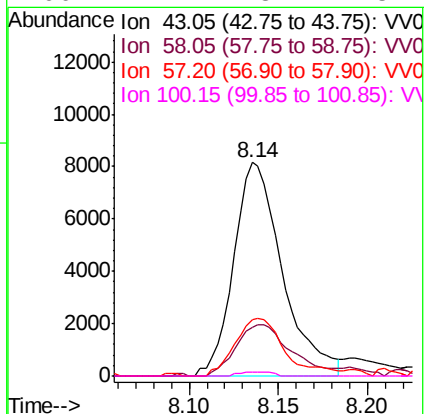
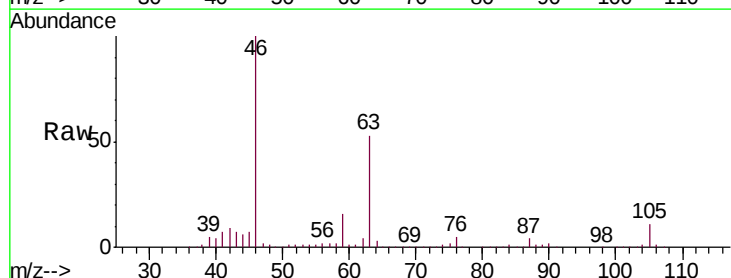
Instrument :
MSVOA_V
ClientSampleId :
VIBLK40

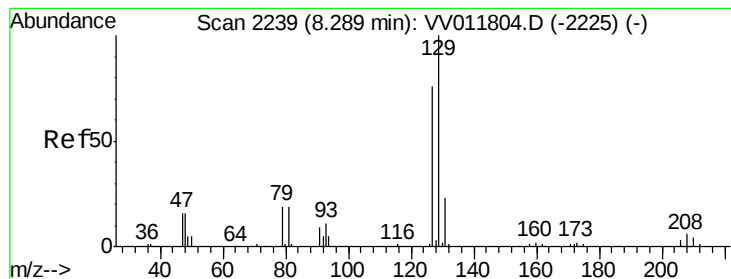
Tgt Ion:164 Resp: 1693
Ion Ratio Lower Upper
164 100
129 102.7 65.7 121.9
131 87.0 63.2 117.4
166 113.7 85.8 159.3



#48
2-Hexanone
Concen: 2.964 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV011807.D
Acq: 02 Jul 2019 17:07

Tgt Ion: 43 Resp: 15539
Ion Ratio Lower Upper
43 100
58 26.9 40.9 61.3#
57 27.4 14.3 21.5#
100 1.4 8.7 13.1#





#49

Dibromochloromethane

Concen: 0.194 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. -0.28 min

Lab File: VV011807.D

Acq: 02 Jul 2019 17:07

Instrument :

MSVOA_V

ClientSampleId :

VIBLK40

Tgt Ion:129 Resp: 1582

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#

