

Data File : VV008235.D
Acq On : 10 Oct 2018 16:01
Operator : SY/MD
Sample : VIBLK70
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK70

Quant Time: Oct 11 02:02:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 01:57:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	91531	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	88995	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	37373	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20779	3.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.00%
7) Chloroethane-d5	1.59	69	17426	3.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.60%
11) 1,1-Dichloroethene-d2	2.13	63	30803	2.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.00%#
20) 2-Butanone-d5	3.97	46	68607	50.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.52%
24) Chloroform-d	4.40	84	50501	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.09	65	25654	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.10	84	95609	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
36) 1,2-Dichloropropane-d6	6.12	67	31815	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.36	98	80451	3.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.80%
43) trans-1,3-Dichloropropene-	7.67	79	10381	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.14	63	41488	41.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.92%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21272	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	32762	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

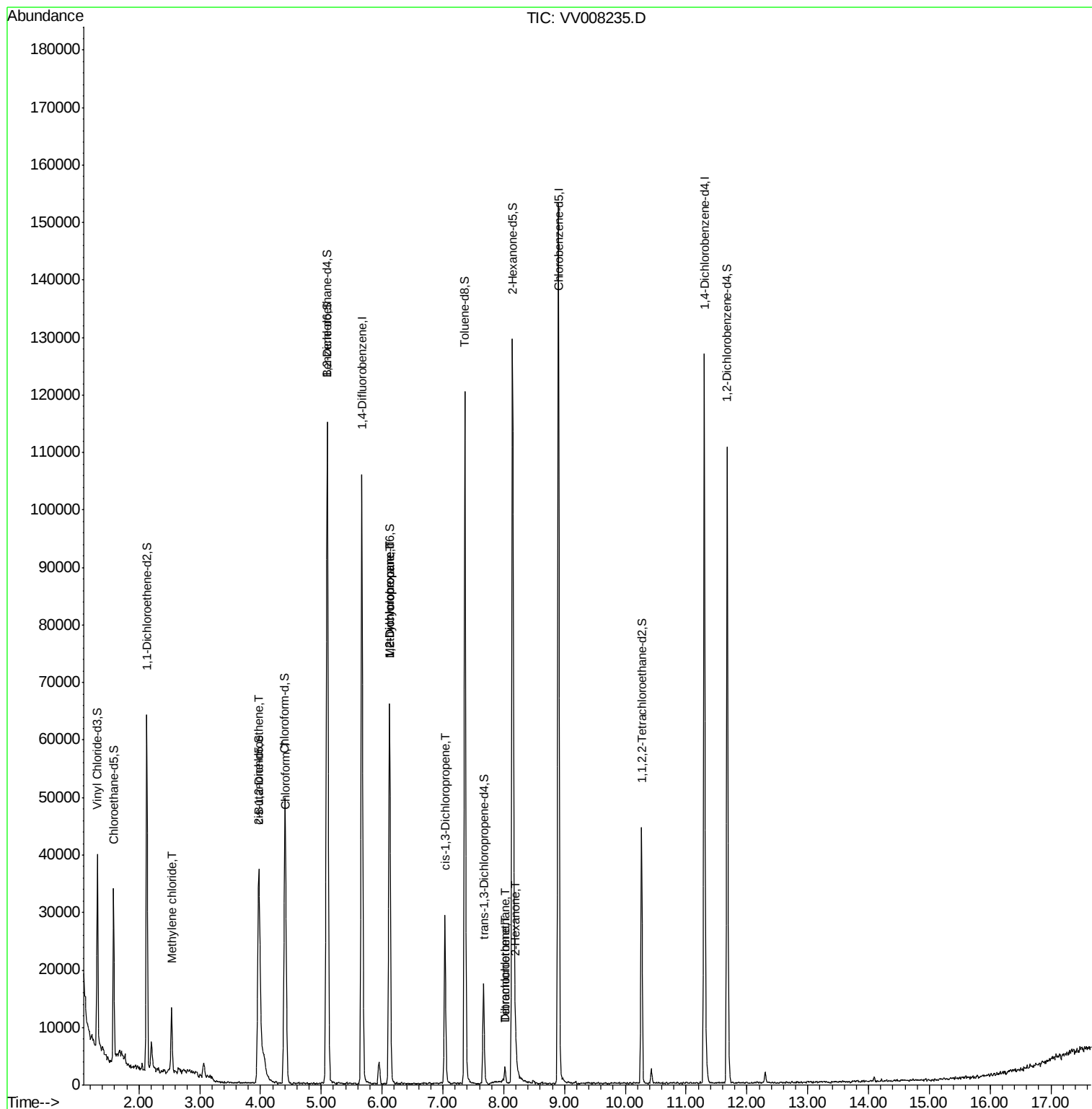
					Qvalue
16) Methylene chloride	2.54	84	4185	0.696 ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	700	0.115 ug/L	84
25) Chloroform	4.42	83	1040	0.094 ug/L	89
35) Methylcyclohexane	6.13	83	7529	0.822 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3567	0.589 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	738	0.095 ug/L #	79
47) Tetrachloroethene	8.02	164	677	0.116 ug/L	87
48) 2-Hexanone	8.20	43	4289	1.840 ug/L #	88
49) Dibromochloromethane	8.02	129	663	0.125 ug/L #	10

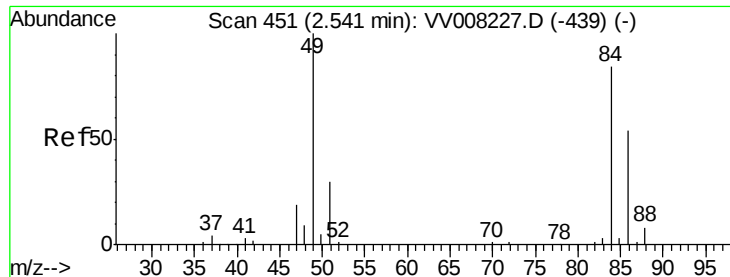
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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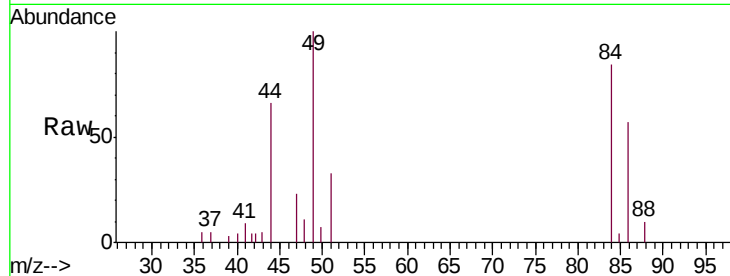




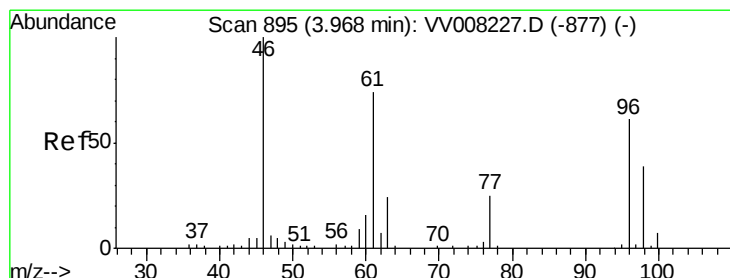
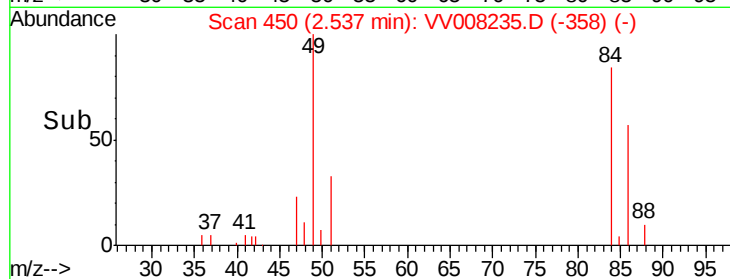
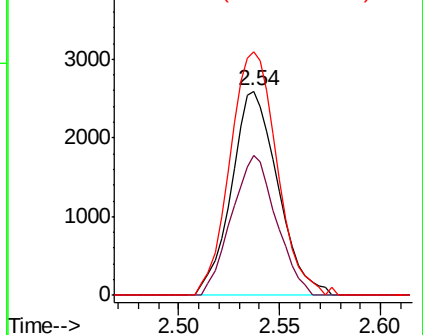
#16
Methylene chloride
Concen: 0.696 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV008235.D
Acq: 10 Oct 2018 16:01

Instrument :
MSVOA_V
ClientSampleId :
VIBLK70

Tgt Ion: 84 Resp: 4185
Ion Ratio Lower Upper
84 100
86 68.3 45.3 84.1
49 119.2 83.0 154.1

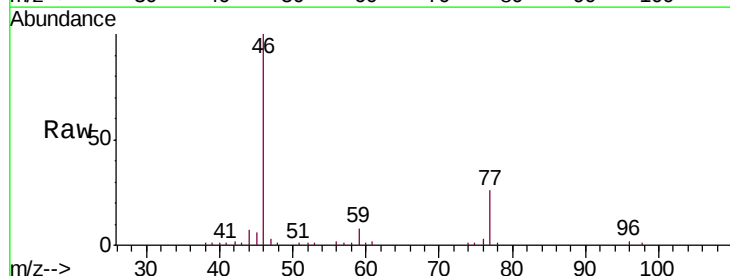


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

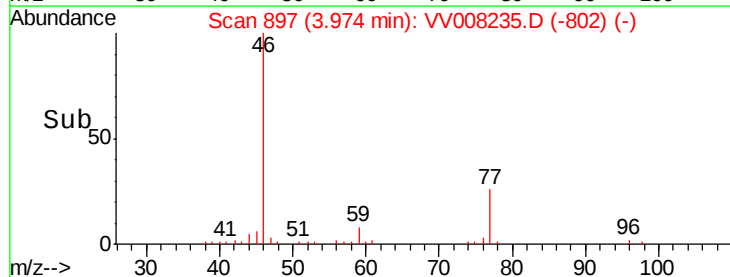
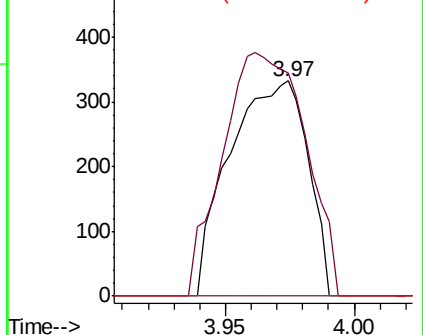


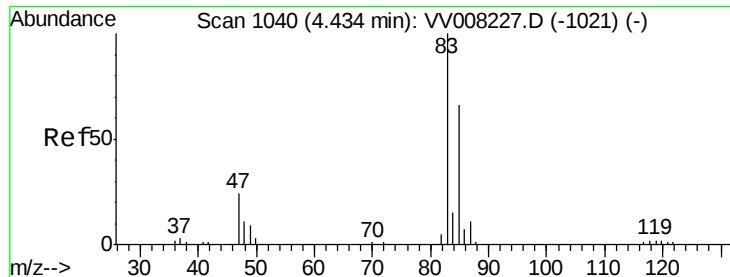
#22
cis-1,2-Dichloroethene
Concen: 0.115 ug/L
RT: 3.97 min Scan# 897
Delta R.T. 0.01 min
Lab File: VV008235.D
Acq: 10 Oct 2018 16:01

Tgt Ion: 96 Resp: 700
Ion Ratio Lower Upper
96 100
61 103.6 85.1 158.1
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0

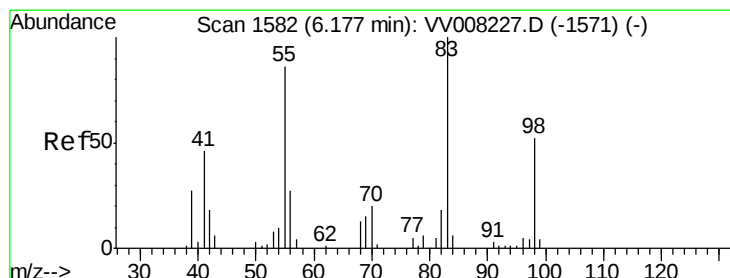
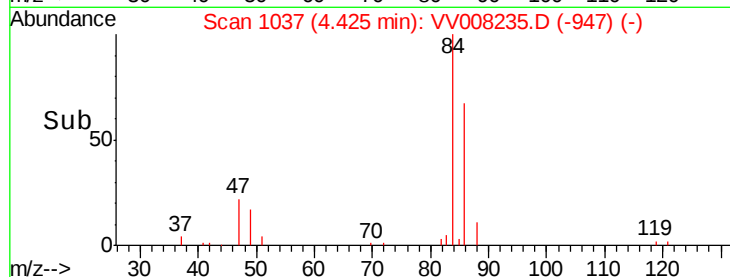
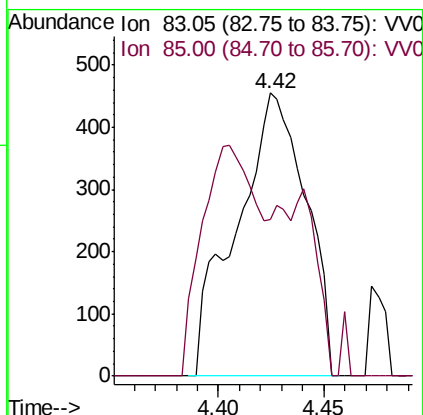
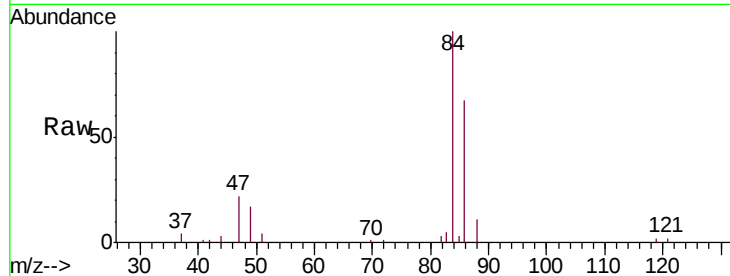




#25
Chloroform
Concen: 0.094 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.01 min
Lab File: VV008235.D
Acq: 10 Oct 2018 16:01

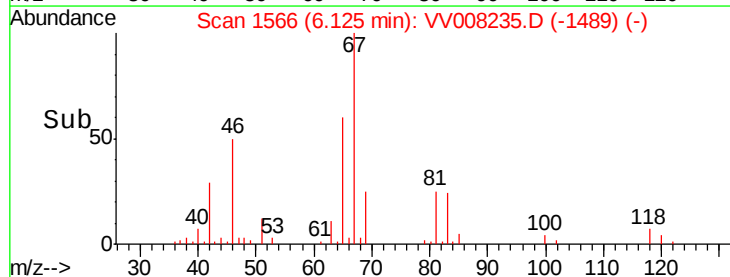
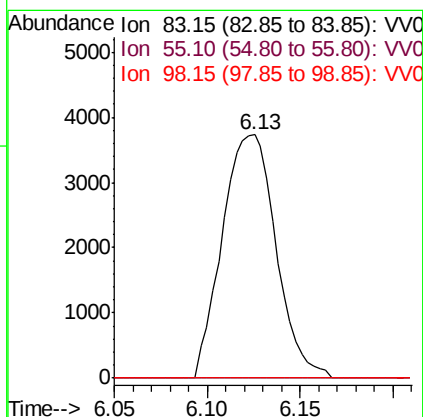
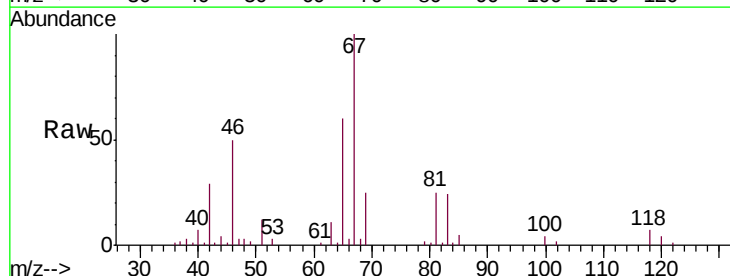
Instrument :
MSVOA_V
ClientSampled :
VIBLK70

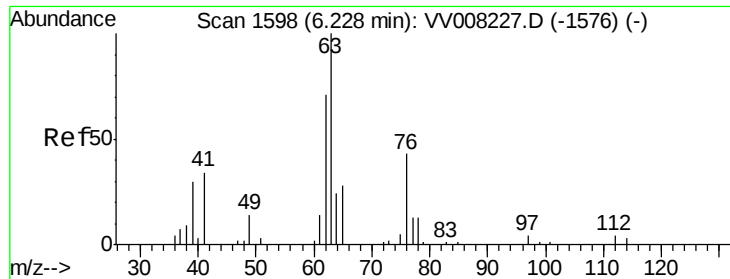
Tgt Ion: 83 Resp: 1040
Ion Ratio Lower Upper
83 100
85 55.2 44.6 82.8



#35
Methylcyclohexane
Concen: 0.822 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV008235.D
Acq: 10 Oct 2018 16:01

Tgt Ion: 83 Resp: 7529
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 2.2 38.3 57.5#

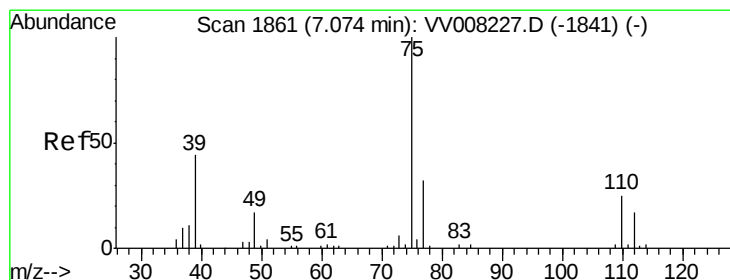
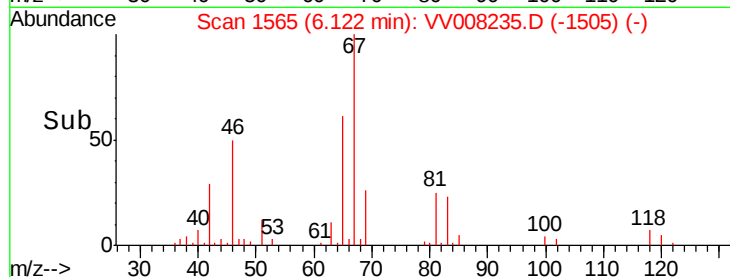
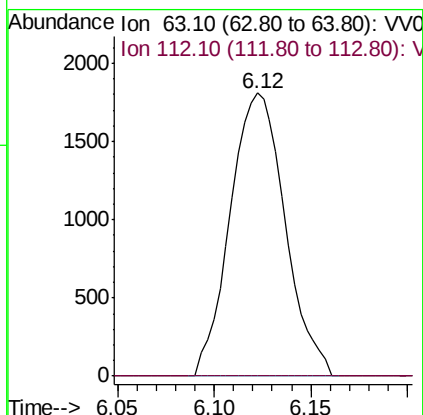
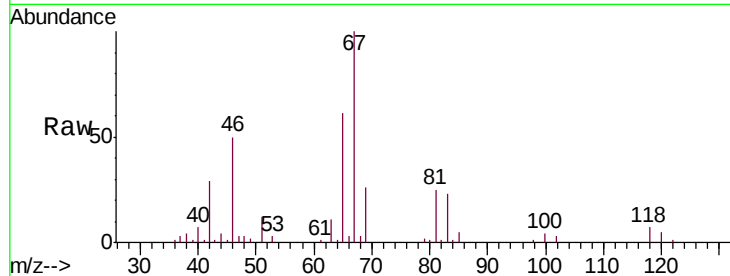




#37
 1,2-Dichloropropane
 Concen: 0.589 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.11 min
 Lab File: VV008235.D
 Acq: 10 Oct 2018 16:01

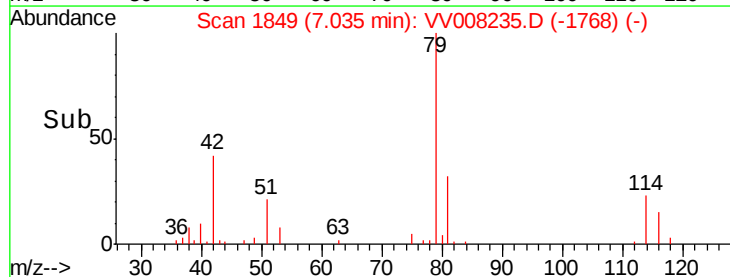
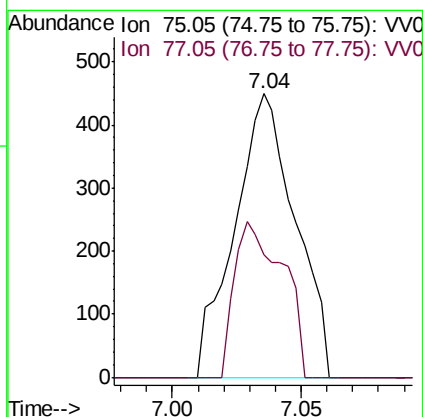
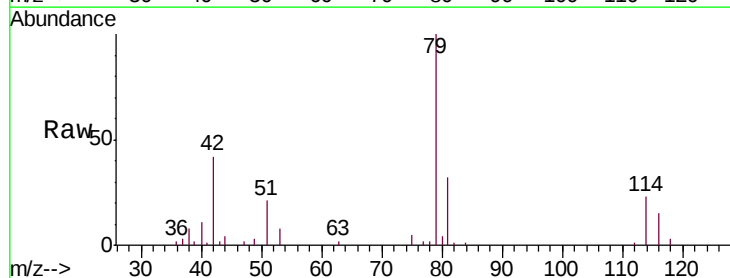
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 VIBLK70

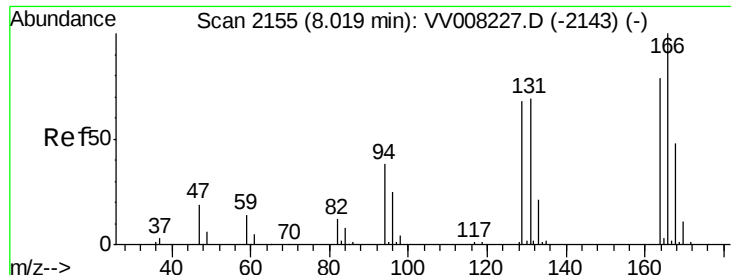
Tgt Ion: 63 Resp: 3567
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008235.D
 Acq: 10 Oct 2018 16:01

Tgt Ion: 75 Resp: 738
 Ion Ratio Lower Upper
 75 100
 77 43.2 22.1 41.1#

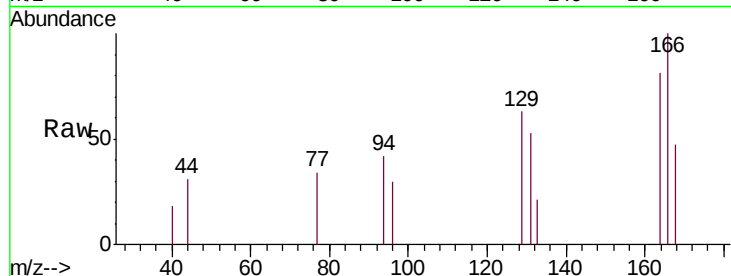




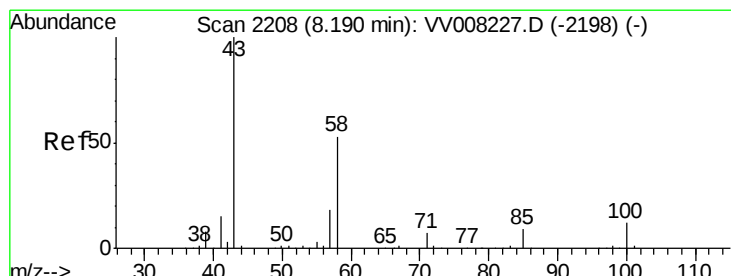
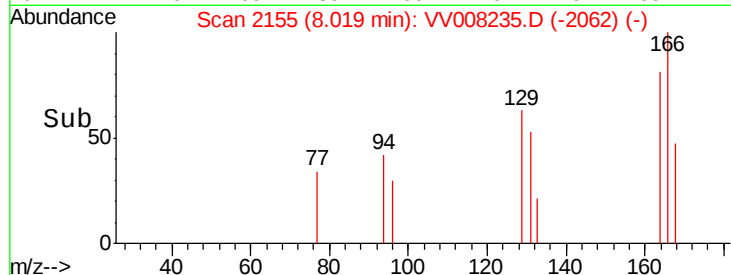
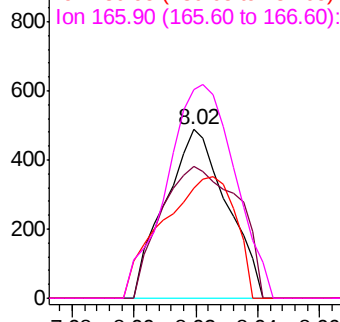
#47
Tetrachloroethene
Concen: 0.116 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.00 min
Lab File: VV008235.D
Acq: 10 Oct 2018 16:01

Instrument :
MSVOA_V
ClientSampleId :
VIBLK70

Tgt Ion: 164 Resp: 677
Ion Ratio Lower Upper
164 100
129 77.9 62.2 115.4
131 65.2 60.5 112.5
166 124.0 92.1 171.1

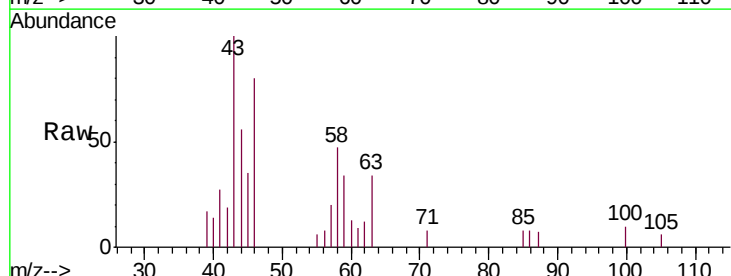


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

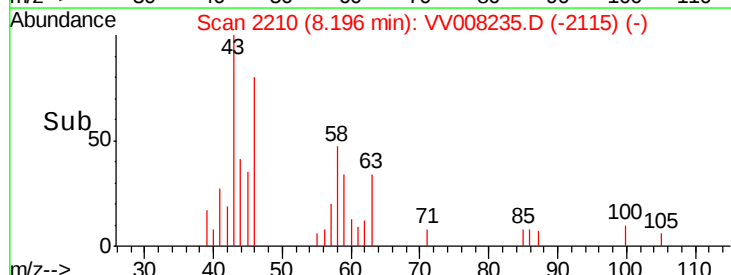
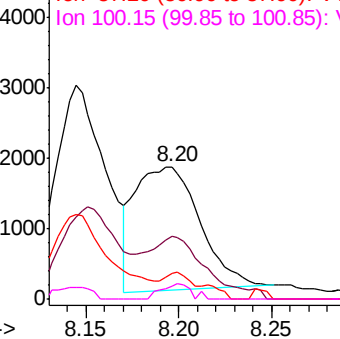


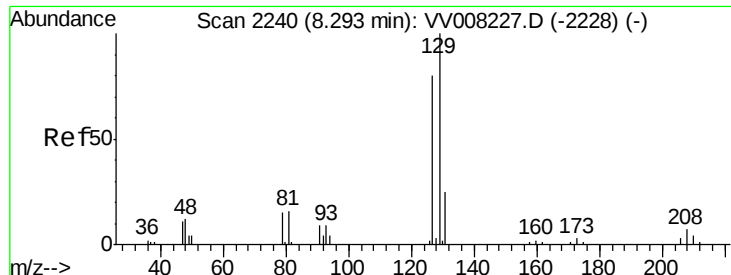
#48
2-Hexanone
Concen: 1.840 ug/L
RT: 8.20 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VV008235.D
Acq: 10 Oct 2018 16:01

Tgt Ion: 43 Resp: 4289
Ion Ratio Lower Upper
43 100
58 42.7 40.5 60.7
57 13.0 14.6 22.0#
100 5.4 9.3 13.9#



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0





#49
 Dibromochloromethane
 Concen: 0.125 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. -0.27 min
 Lab File: VV008235.D
 Acq: 10 Oct 2018 16:01

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK70

Tgt Ion:129 Resp: 663
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.5 101.3#

