

Data File : VV011262.D
Acq On : 06 Jun 2019 22:53
Operator : SY/MD
Sample : VIBLK
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK42

Quant Time: Jun 07 01:34:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 01:28:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	167444	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	155650	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65043	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49365	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.56	69	40620	3.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.00%
11) 1,1-Dichloroethene-d2	2.12	63	77809	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	3.94	46	150012	52.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.04%
24) Chloroform-d	4.40	84	94776	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	5.08	65	55131	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.09	84	195148	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	6.12	67	61158	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.20%
41) Toluene-d8	7.36	98	171946	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	7.66	79	19317	3.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.60%
46) 2-Hexanone-d5	8.13	63	118447	51.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.56%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44198	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	57718	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%

Target Compounds

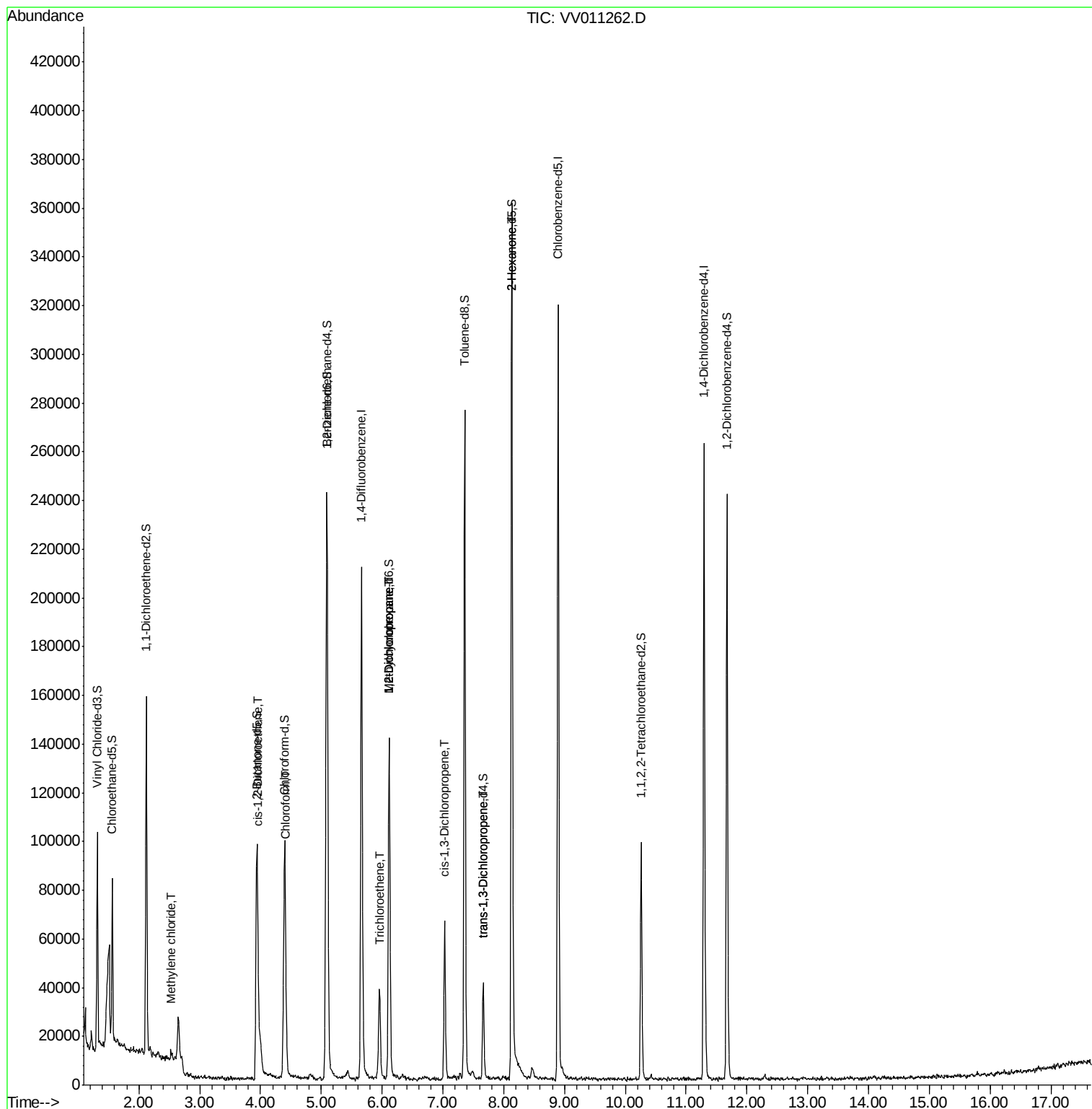
						Qvalue
16) Methylene chloride	2.53	84	1211	0.111	ug/L	75
22) cis-1,2-Dichloroethene	3.96	96	1783	0.136	ug/L	95
25) Chloroform	4.42	83	3670	0.153	ug/L	77
34) Trichloroethene	5.96	95	12273	0.959	ug/L	94
35) Methylcyclohexane	6.12	83	14589	0.689	ug/L #	16
37) 1,2-Dichloropropane	6.11	63	7778	0.631	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1770	0.098	ug/L #	74
44) trans-1,3-Dichloropropene	7.67	75	1270	0.093	ug/L	87
48) 2-Hexanone	8.13	43	16241	2.967	ug/L #	69

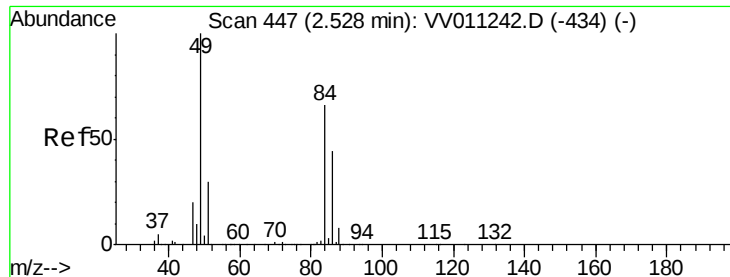
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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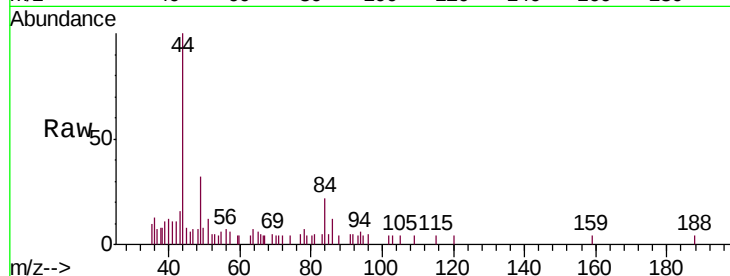




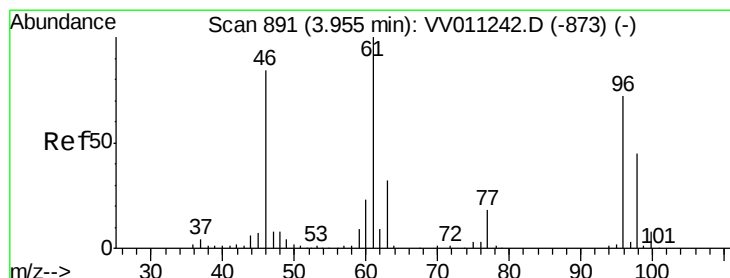
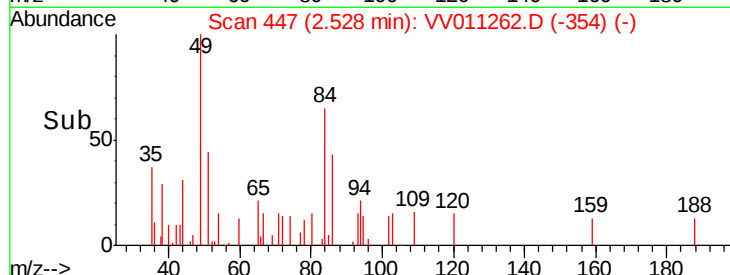
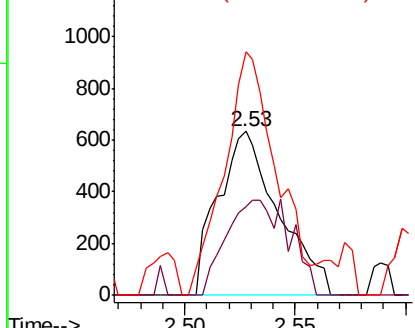
#16
Methylene chloride
Concen: 0.111 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV011262.D
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Instrument :
MSVOA_V
ClientSampleId :
VIBLK42

Tgt Ion: 84 Resp: 1211
Ion Ratio Lower Upper
84 100
86 54.5 44.9 83.3
49 183.9 102.1 189.5

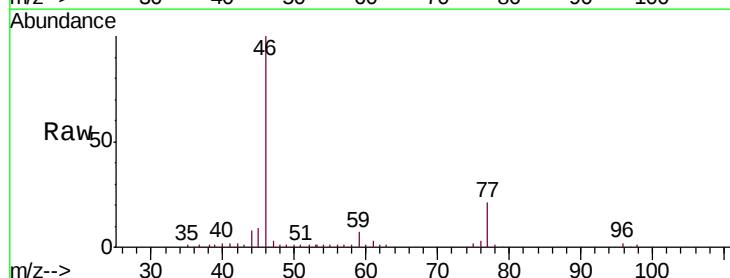


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

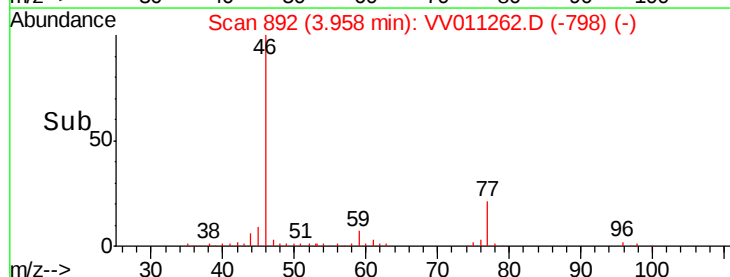
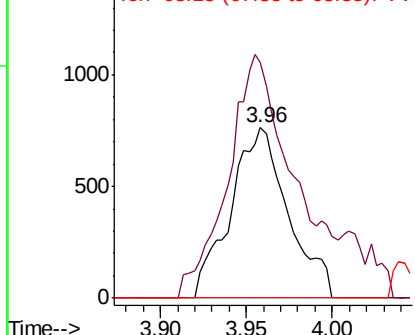


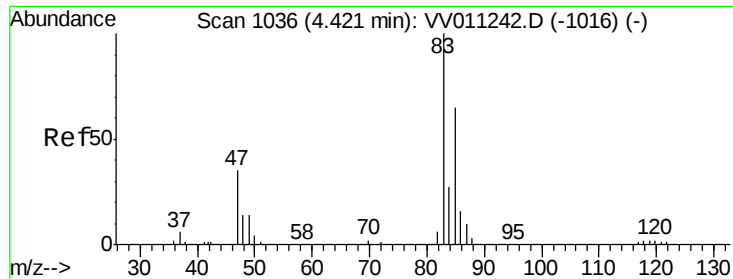
#22
cis-1,2-Dichloroethene
Concen: 0.136 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV011262.D
Acq: 06 Jun 2019 22:53

Tgt Ion: 96 Resp: 1783
Ion Ratio Lower Upper
96 100
61 138.4 100.8 187.2
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

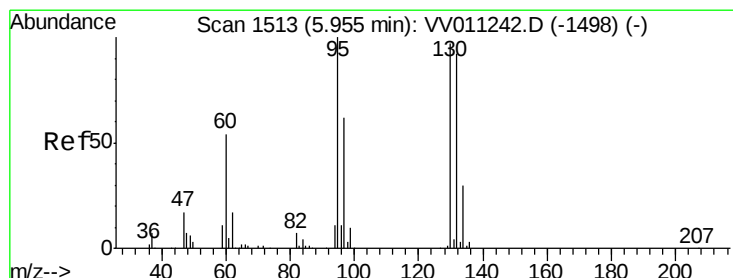
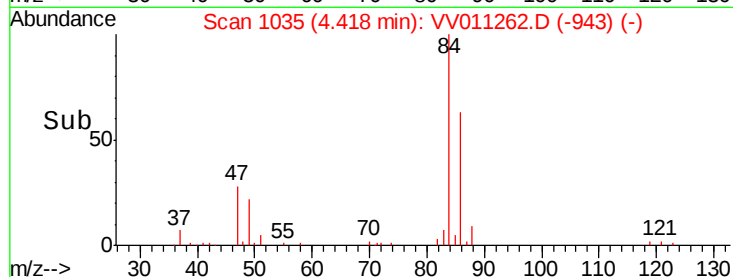
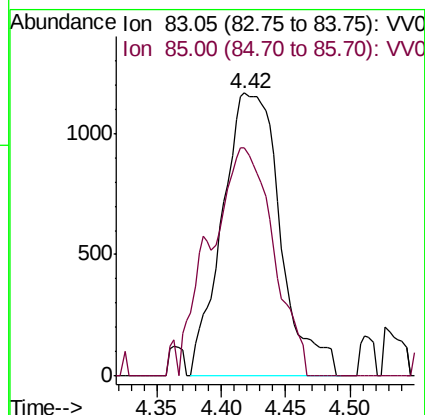
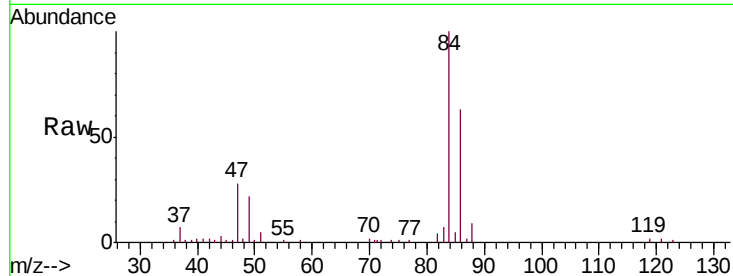




#25
Chloroform
Concen: 0.153 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VV011262.D
Acq: 06 Jun 2019 22:53

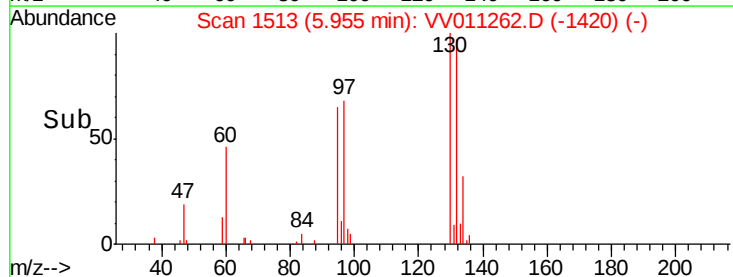
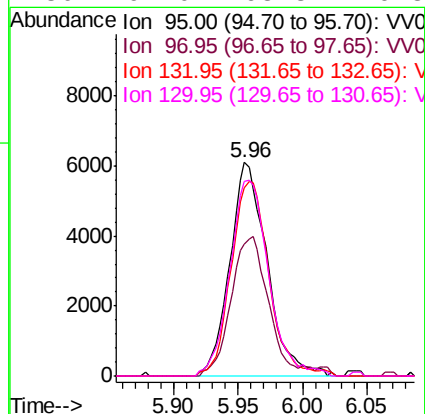
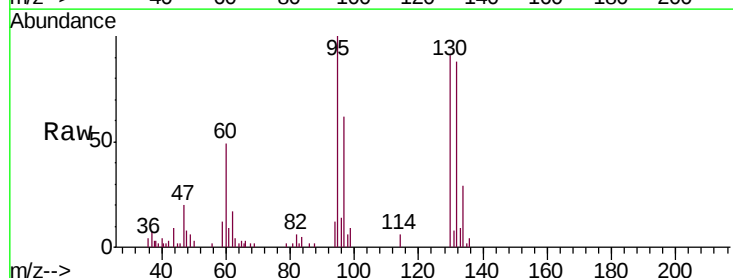
Instrument :
MSVOA_V
ClientSampled :
VIBLK42

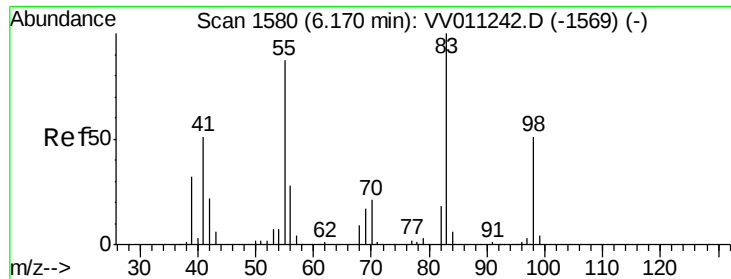
Tgt Ion: 83 Resp: 3670
Ion Ratio Lower Upper
83 100
85 80.9 44.1 81.9



#34
Trichloroethene
Concen: 0.959 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV011262.D
Acq: 06 Jun 2019 22:53

Tgt Ion: 95 Resp: 12273
Ion Ratio Lower Upper
95 100
97 61.9 45.8 85.2
132 88.4 66.4 123.2
130 91.0 68.3 126.8

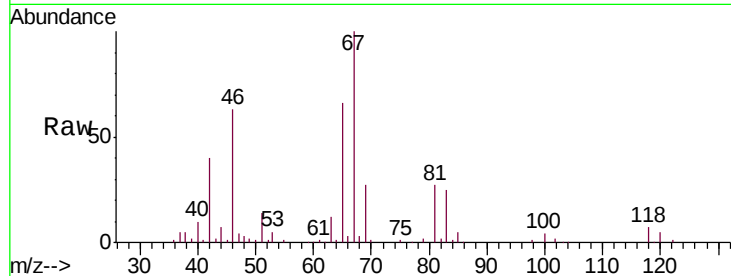




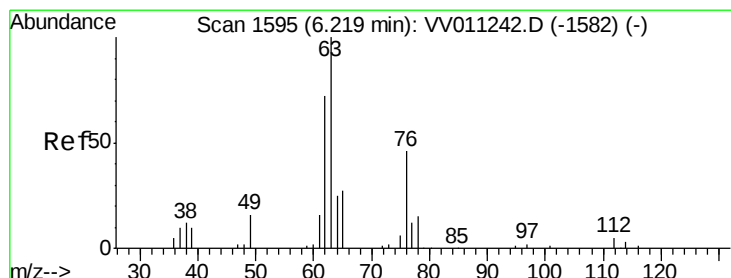
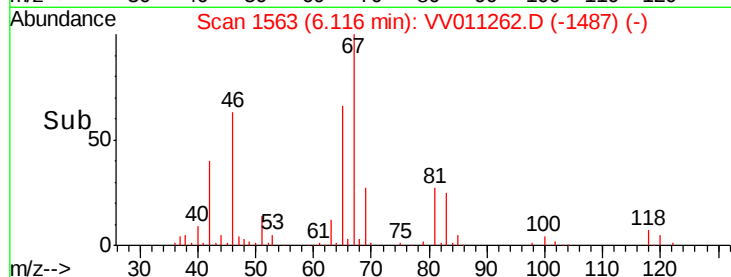
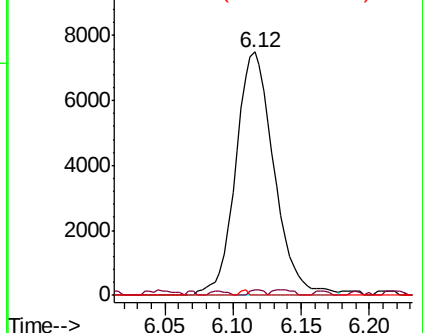
#35
Methylcyclohexane
Concen: 0.689 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011262.D
Acq: 06 Jun 2019 22:53

Instrument :
MSVOA_V
ClientSampleId :
VIBLK42

Tgt Ion: 83 Resp: 14589
Ion Ratio Lower Upper
83 100
55 0.8 67.0 100.6#
98 0.4 40.0 60.0#

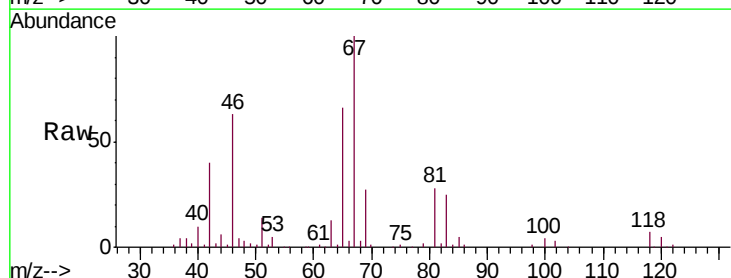


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

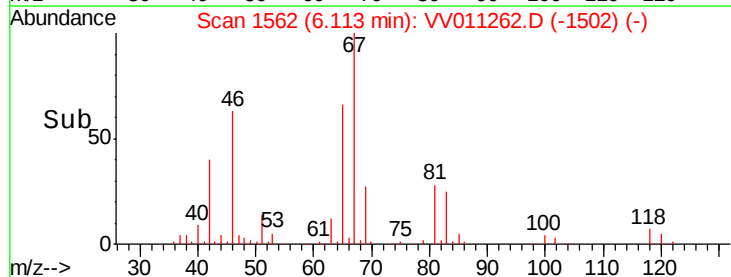
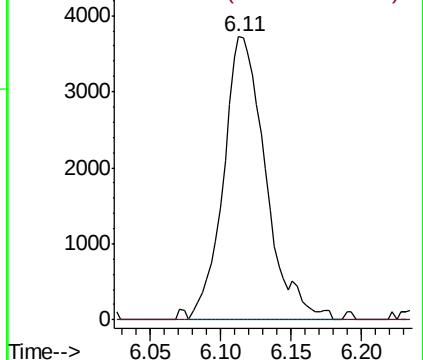


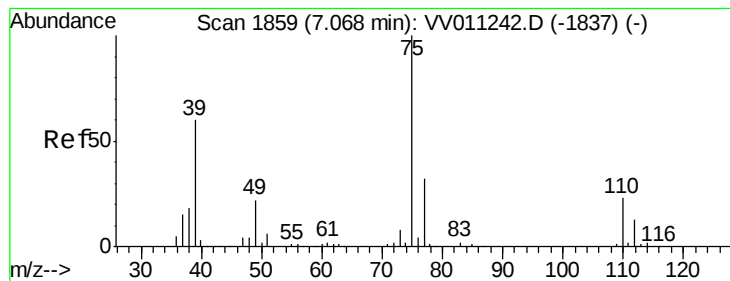
#37
1,2-Dichloropropane
Concen: 0.631 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV011262.D
Acq: 06 Jun 2019 22:53

Tgt Ion: 63 Resp: 7778
Ion Ratio Lower Upper
63 100
112 0.9 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



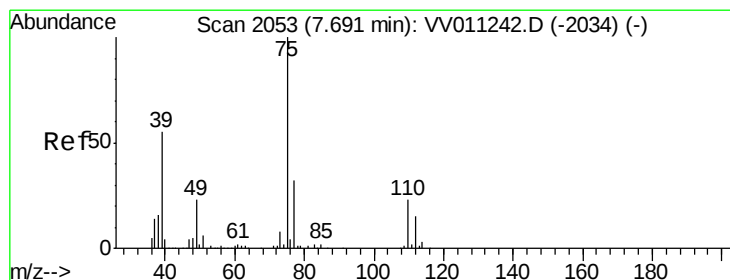
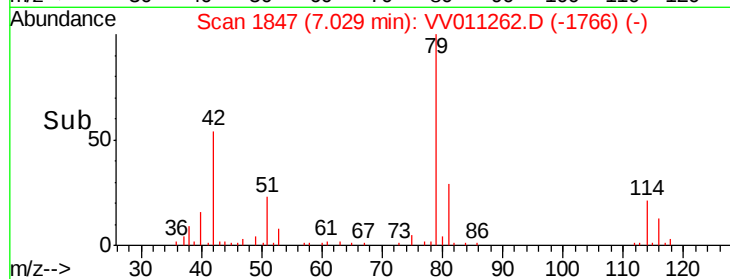
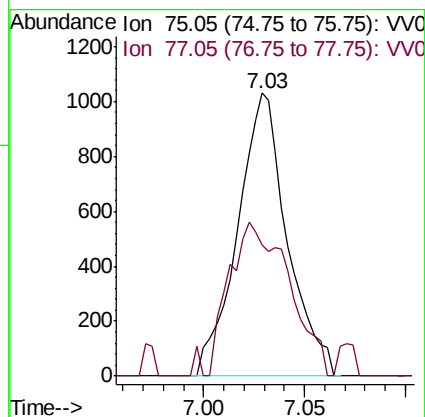
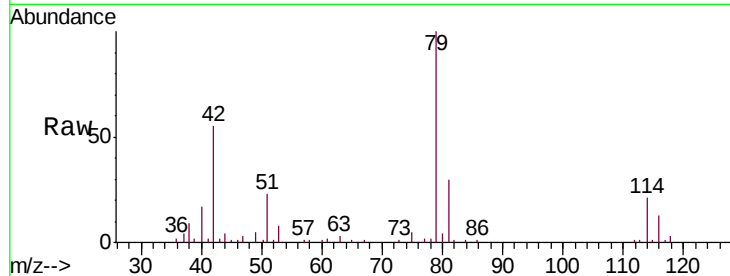


#39

cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011262.D
 Acq: 06 Jun 2019 22:53

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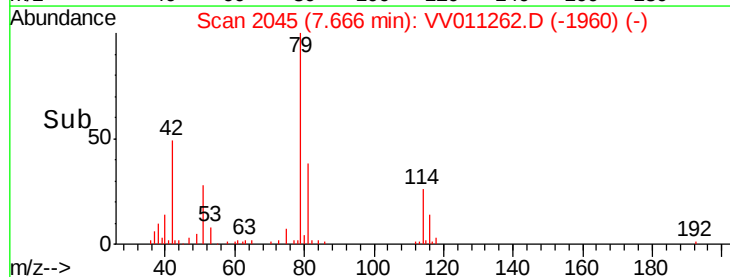
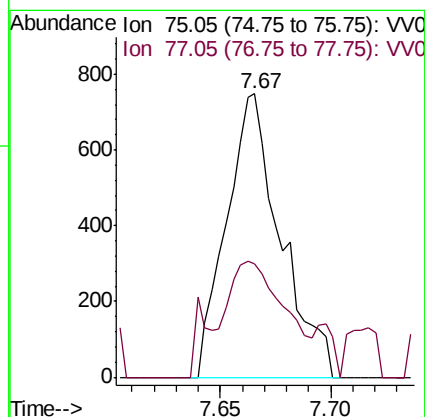
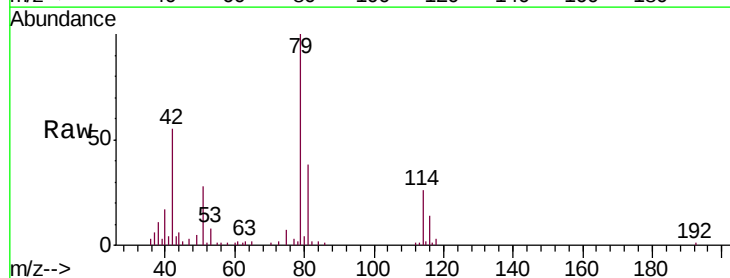
Tgt Ion: 75 Resp: 1770
 Ion Ratio Lower Upper
 75 100
 77 46.1 22.2 41.2#

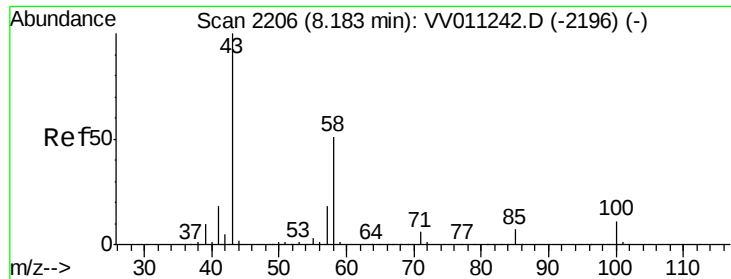


#44

trans-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV011262.D
 Acq: 06 Jun 2019 22:53

Tgt Ion: 75 Resp: 1270
 Ion Ratio Lower Upper
 75 100
 77 40.2 23.1 42.9





#48

2-Hexanone

Concen: 2.967 ug/L

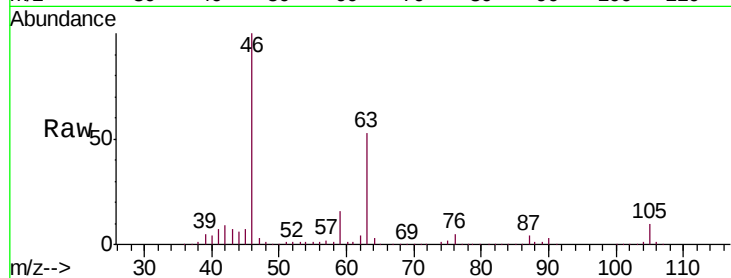
RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV011262.D

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Tgt Ion:	43	Resp:	16241
Ion	Ratio	Lower	Upper
43	100		
58	24.1	41.4	62.0#
57	23.1	15.0	22.4#
100	0.6	9.0	13.4#

