

Data File : VV011748.D
Acq On : 25 Jun 2019 14:23
Operator : SY/MD
Sample : K3462-02DL 1000X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCM0DL

Quant Time: Jun 26 01:44:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 26 01:40:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	154871	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	143126	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	57800	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53012	5.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.20%
7) Chloroethane-d5	1.58	69	36832	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.12	63	79944	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	3.95	46	154439	57.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.08%
24) Chloroform-d	4.40	84	105142	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.20%
26) 1,2-Dichloroethane-d4	5.08	65	64641	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.80%
32) Benzene-d6	5.09	84	227167	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.80%
36) 1,2-Dichloropropane-d6	6.12	67	70142	5.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.00%
41) Toluene-d8	7.36	98	190591	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
43) trans-1,3-Dichloropropene-	7.66	79	21290	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.13	63	116073	57.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.14%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47105	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	63792	5.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.00%

Target Compounds

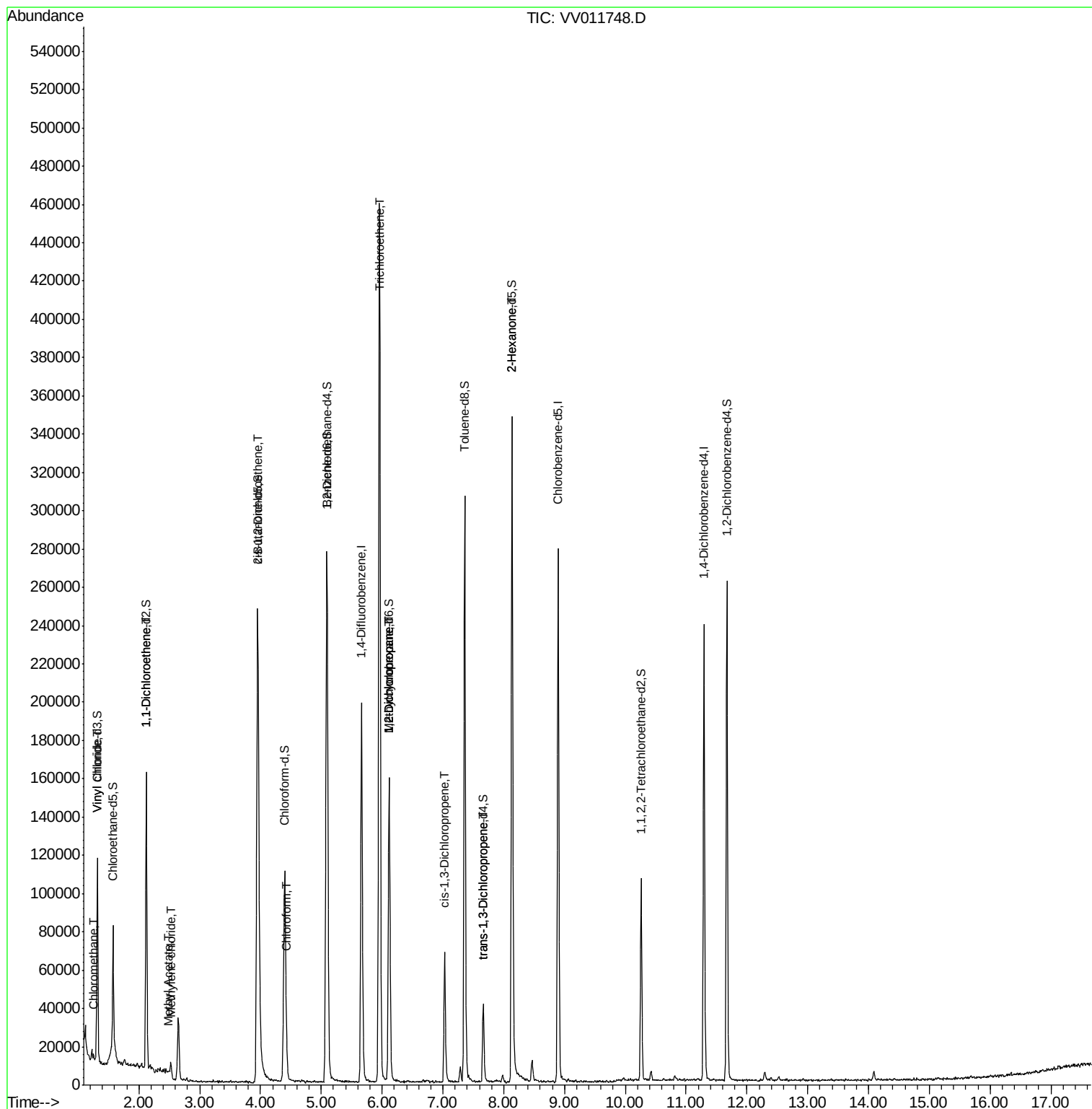
						Qvalue
3) Chloromethane	1.25	50	1904	0.130	ug/L	96
5) Vinyl chloride	1.32	62	16408	1.146	ug/L	99
12) 1,1-Dichloroethene	2.13	96	1215	0.127	ug/L #	1
15) Methyl Acetate	2.47	43	807	0.166	ug/L #	62
16) Methylene chloride	2.53	84	2191	0.205	ug/L	87
22) cis-1,2-Dichloroethene	3.96	96	87208	7.043	ug/L	99
25) Chloroform	4.43	83	7435	0.302	ug/L	99
34) Trichloroethene	5.96	95	153303	12.183	ug/L	96
35) Methylcyclohexane	6.12	83	17336	0.853	ug/L #	14
37) 1,2-Dichloropropane	6.12	63	8880	0.737	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	2029	0.128	ug/L #	71
44) trans-1,3-Dichloropropene	7.66	75	1127	0.096	ug/L	84
48) 2-Hexanone	8.14	43	15151	2.851	ug/L #	71

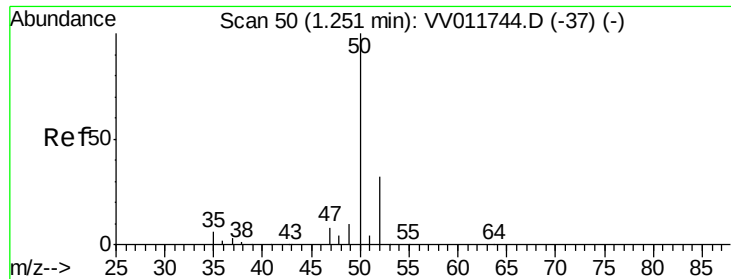
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.130 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV011748.D

Acq: 25 Jun 2019 14:23

Instrument :

MSVOA_V

ClientSampleId :

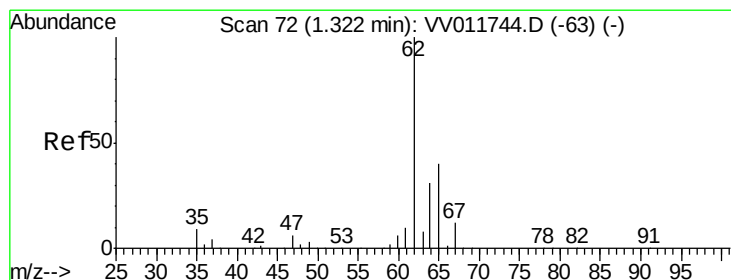
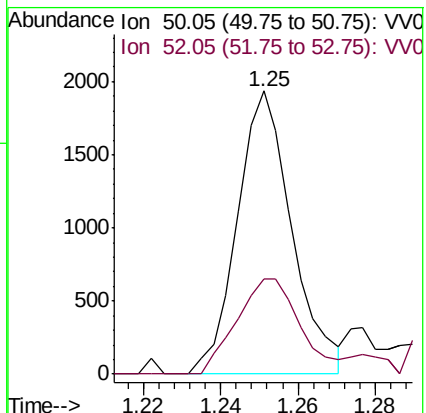
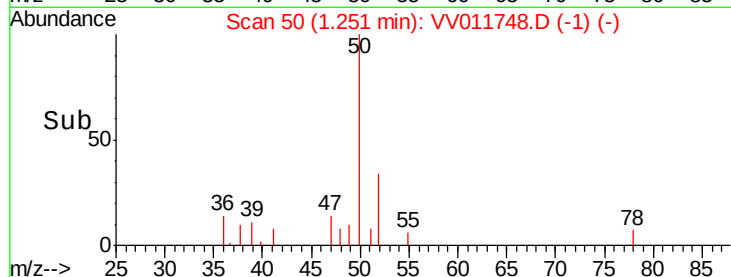
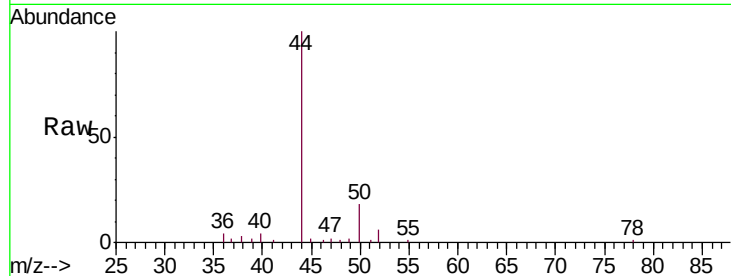
BFCM0DL

Tgt Ion: 50 Resp: 1904

Ion Ratio Lower Upper

50 100

52 33.5 22.0 40.8



#5

Vinyl chloride

Concen: 1.146 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV011748.D

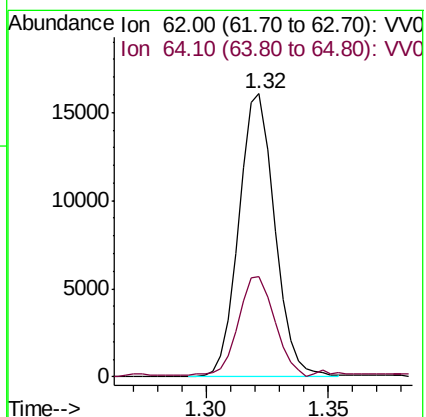
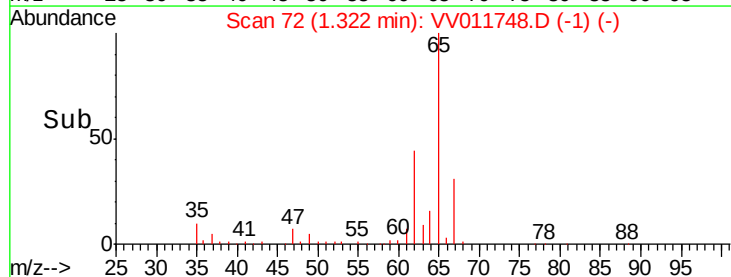
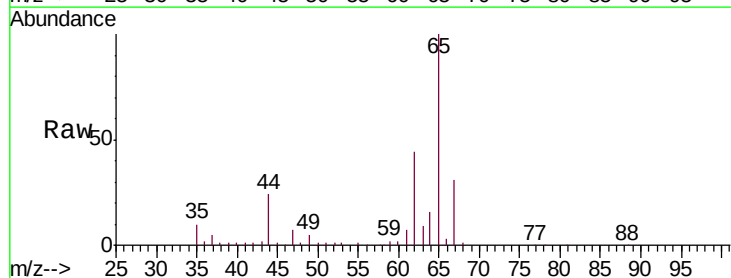
Acq: 25 Jun 2019 14:23

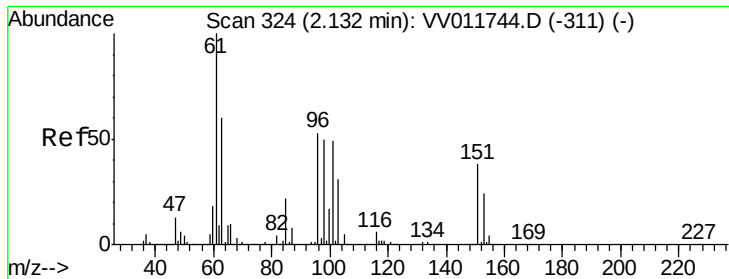
Tgt Ion: 62 Resp: 16408

Ion Ratio Lower Upper

62 100

64 35.2 24.1 44.7

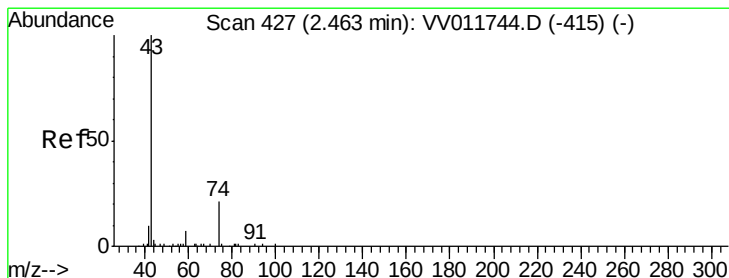
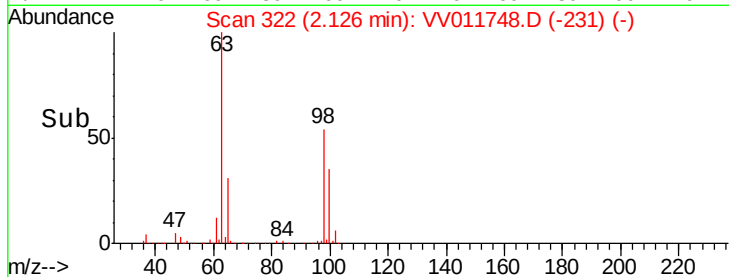
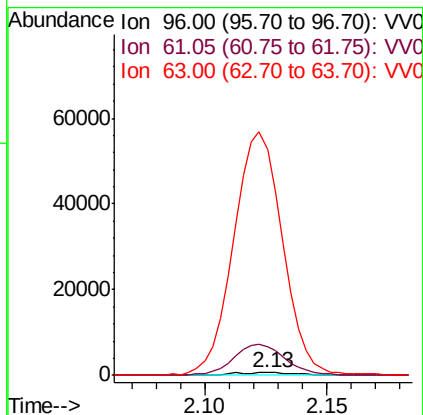
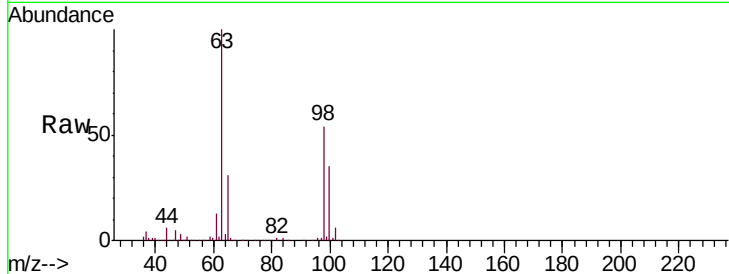




#12
 1,1-Dichloroethene
 Concen: 0.127 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV011748.D
 Acq: 25 Jun 2019 14:23

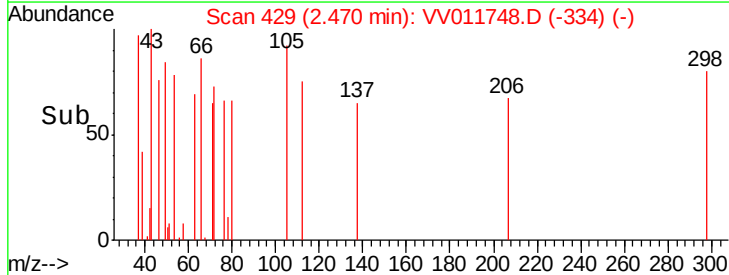
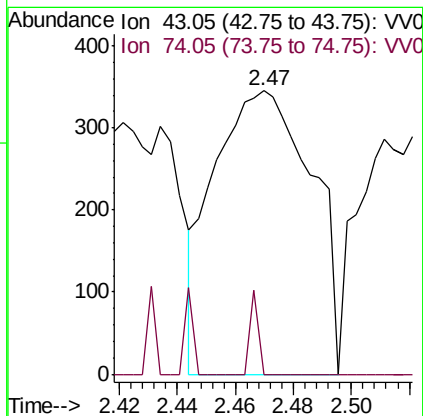
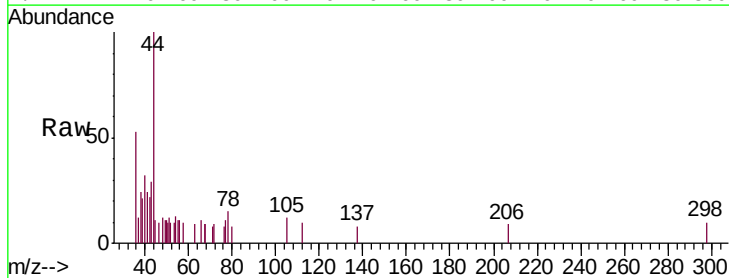
Instrument :
 MSVOA_V
 ClientSampleId :
 BFCM0DL

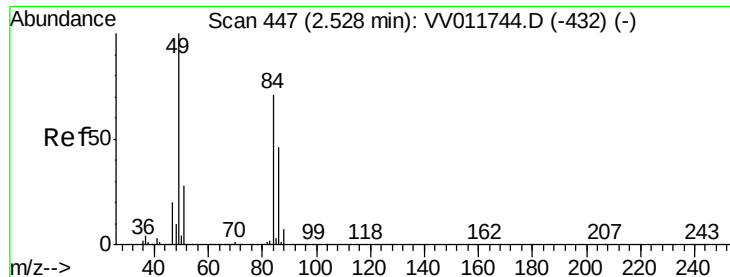
Tgt Ion: 96 Resp: 1215
 Ion Ratio Lower Upper
 96 100
 61 1007.3 131.5 244.1#
 63 7973.4 91.8 170.4#



#15
 Methyl Acetate
 Concen: 0.166 ug/L
 RT: 2.47 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: VV011748.D
 Acq: 25 Jun 2019 14:23

Tgt Ion: 43 Resp: 807
 Ion Ratio Lower Upper
 43 100
 74 2.5 16.2 24.2#

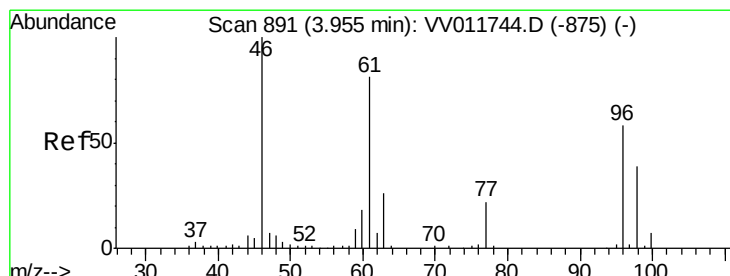
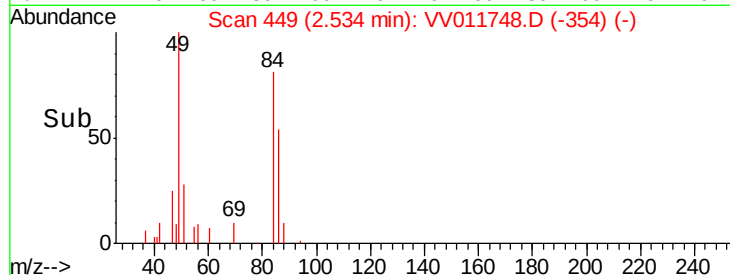
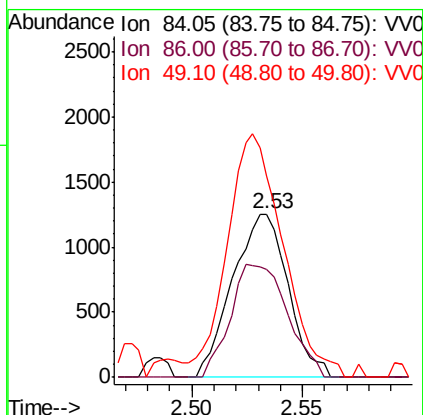
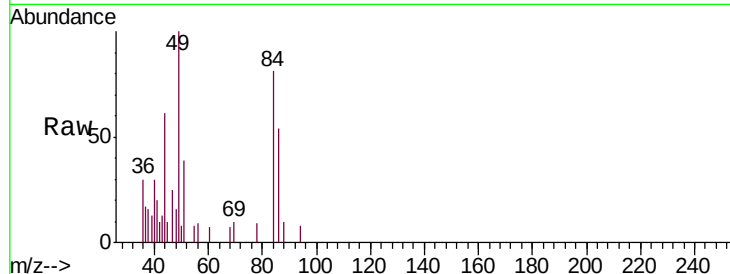




#16
Methylene chloride
Concen: 0.205 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.01 min
Lab File: VV011748.D
Acq: 25 Jun 2019 14:23

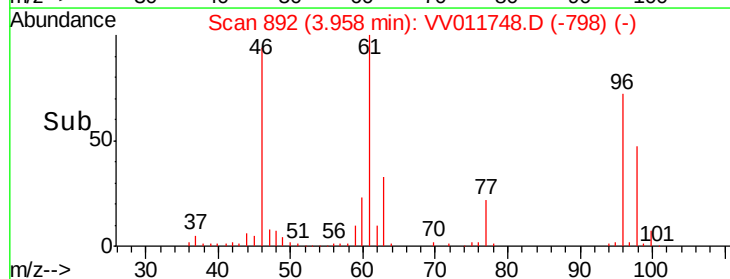
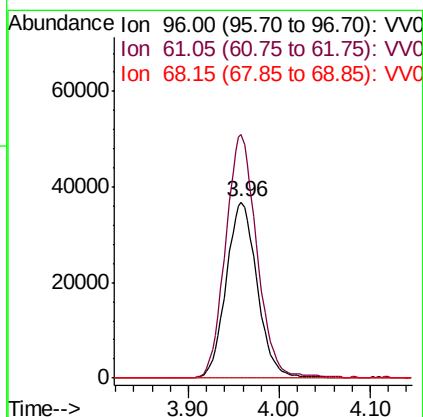
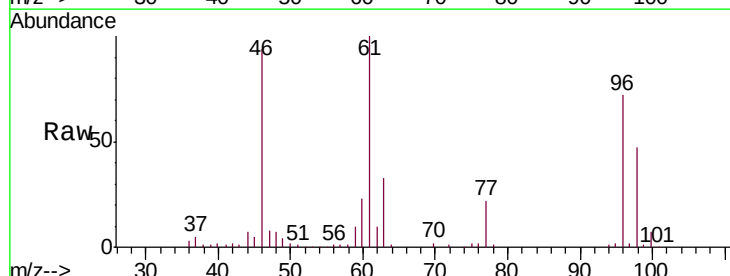
Instrument :
MSVOA_V
ClientSampleID :
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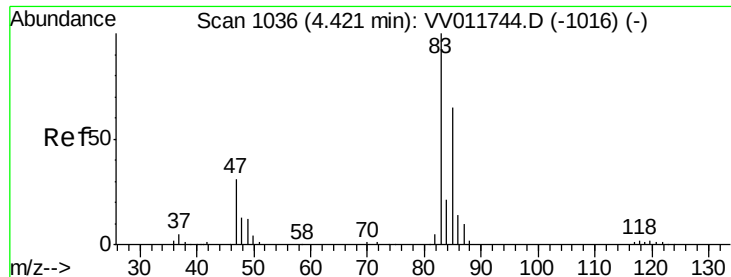
Tgt Ion: 84 Resp: 2191
Ion Ratio Lower Upper
84 100
86 66.5 44.9 83.5
49 123.0 101.4 188.2



#22
cis-1,2-Dichloroethene
Concen: 7.043 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV011748.D
Acq: 25 Jun 2019 14:23

Tgt Ion: 96 Resp: 87208
Ion Ratio Lower Upper
96 100
61 138.3 97.9 181.7
68 0.0 0.0 0.0

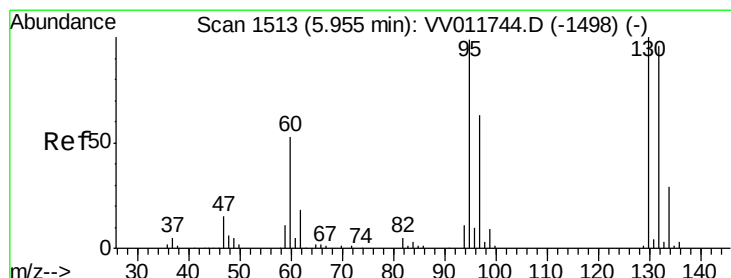
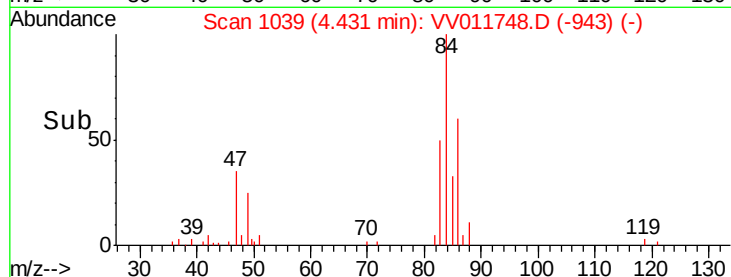
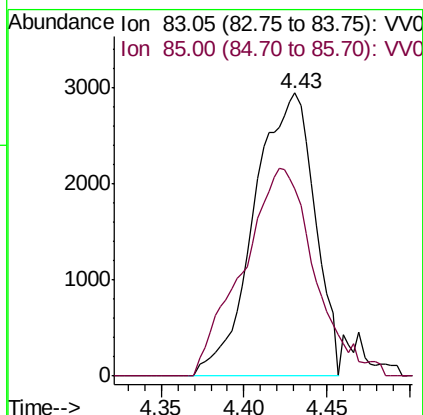
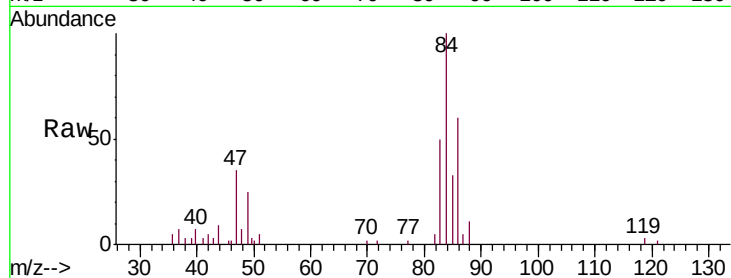




#25
Chloroform
Concen: 0.302 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV011748.D
Acq: 25 Jun 2019 14:23

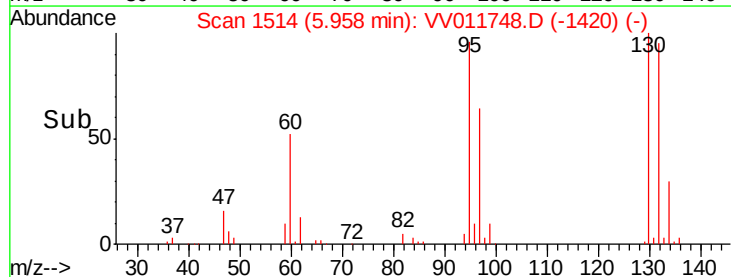
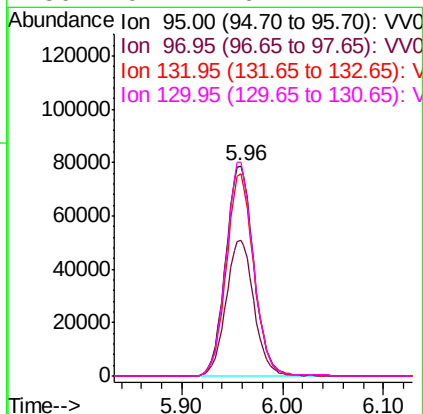
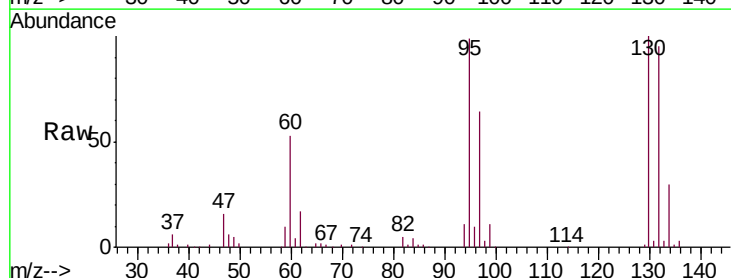
Instrument :
MSVOA_V
ClientSampleId :
BFCM0DL

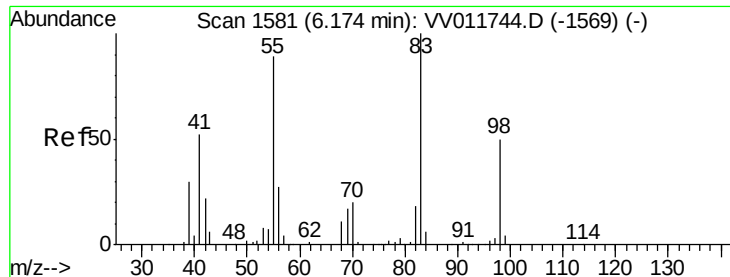
Tgt Ion: 83 Resp: 7435
Ion Ratio Lower Upper
83 100
85 66.2 47.0 87.2



#34
Trichloroethene
Concen: 12.183 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV011748.D
Acq: 25 Jun 2019 14:23

Tgt Ion: 95 Resp: 153303
Ion Ratio Lower Upper
95 100
97 64.7 44.4 82.5
132 96.0 65.0 120.6
130 101.4 67.1 124.7

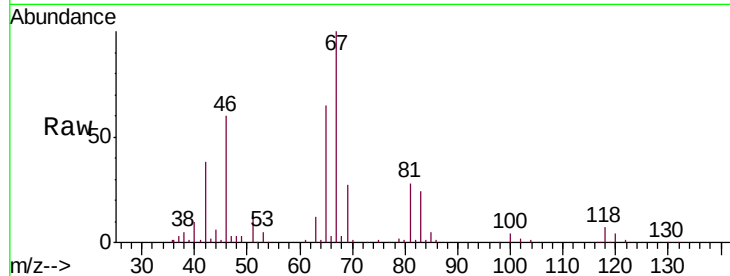




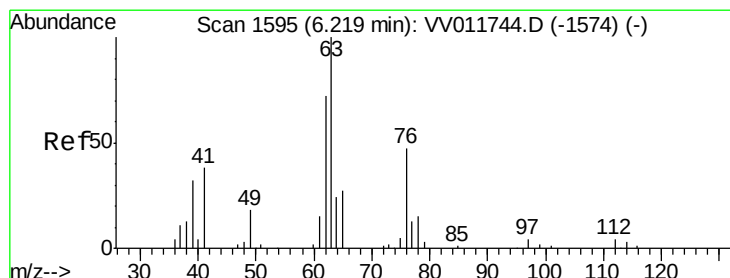
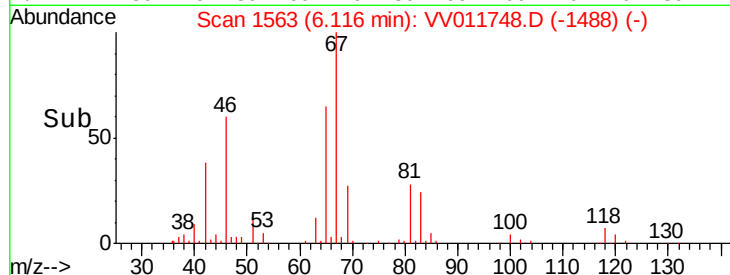
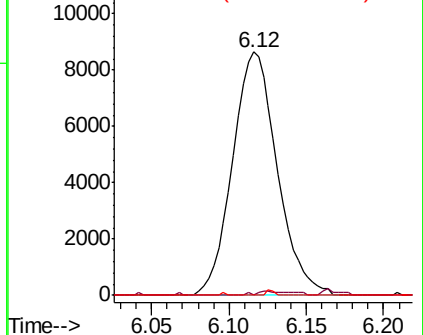
#35
Methylcyclohexane
Concen: 0.853 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011748.D
Acq: 25 Jun 2019 14:23

Instrument :
MSVOA_V
ClientSampleId :
BFCM0DL

Tgt Ion: 83 Resp: 17336
Ion Ratio Lower Upper
83 100
55 0.8 69.4 104.2#
98 0.0 40.2 60.4#

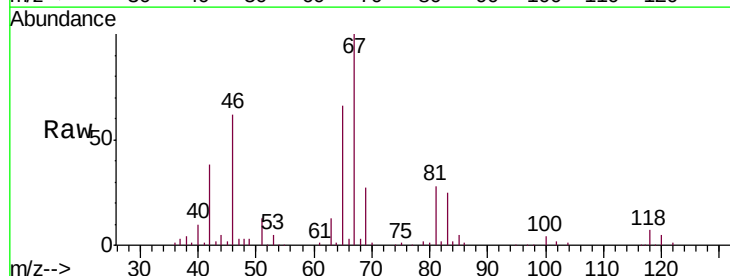


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

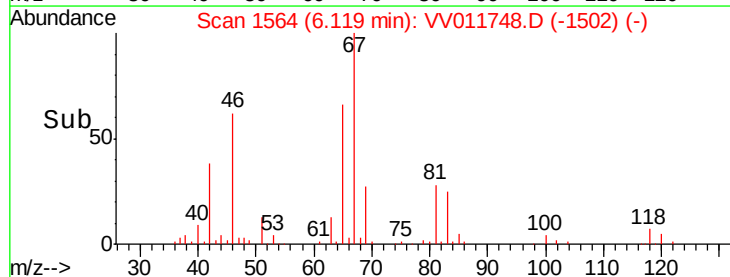
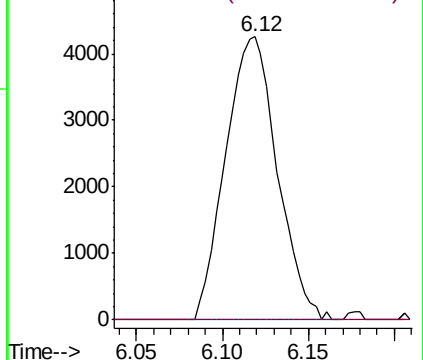


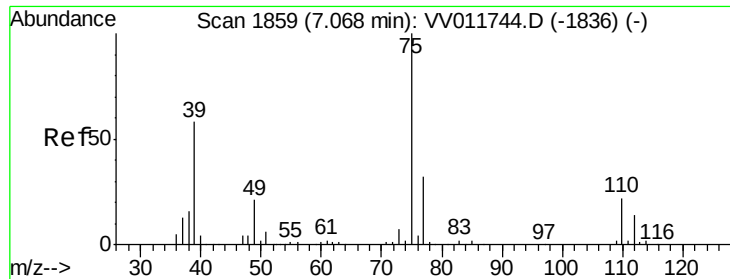
#37
1,2-Dichloropropane
Concen: 0.737 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV011748.D
Acq: 25 Jun 2019 14:23

Tgt Ion: 63 Resp: 8880
Ion Ratio Lower Upper
63 100
112 0.5 3.4 5.2#



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



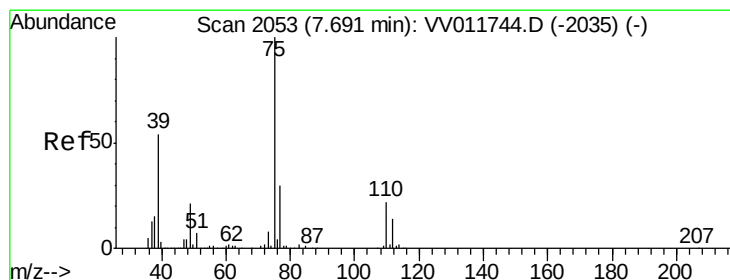
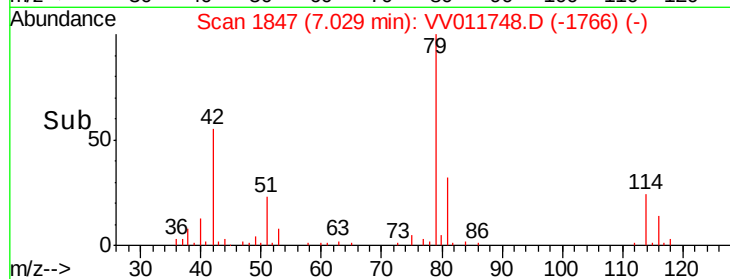
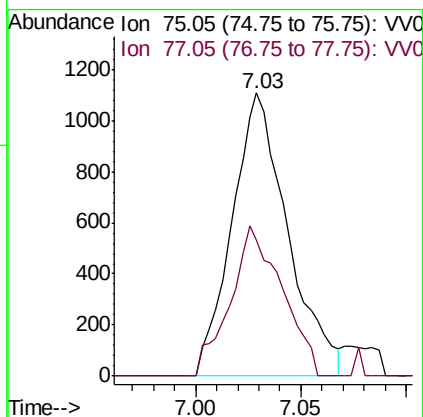
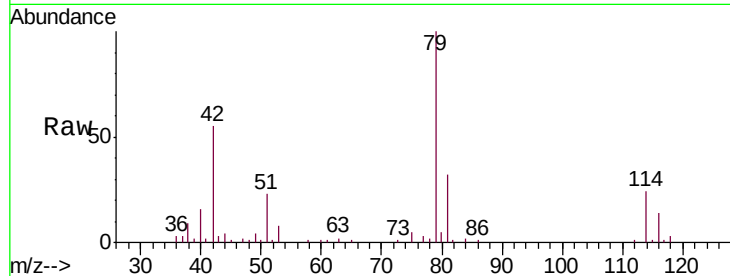


#39

cis-1,3-Dichloropropene
Concen: 0.128 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
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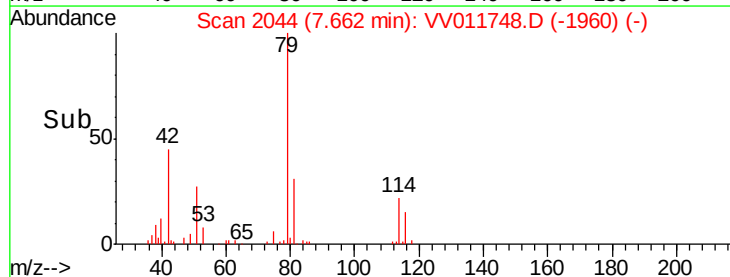
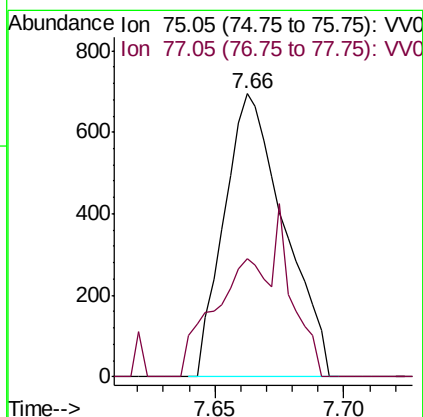
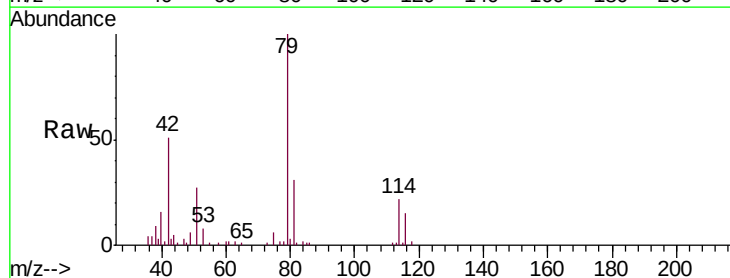
Tgt Ion: 75 Resp: 2029
Ion Ratio Lower Upper
75 100
77 48.2 22.4 41.6#

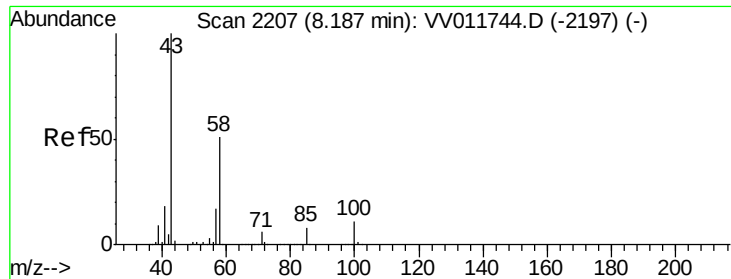


#44

trans-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV011748.D
Acq: 25 Jun 2019 14:23

Tgt Ion: 75 Resp: 1127
Ion Ratio Lower Upper
75 100
77 41.6 22.7 42.1





#48
 2-Hexanone
 Concen: 2.851 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.05 min
 Lab File: VV011748.D
 Acq: 25 Jun 2019 14:23

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCM0DL

Tgt Ion: 43 Resp: 15151
 Ion Ratio Lower Upper
 43 100
 58 27.3 40.1 60.1#
 57 26.6 14.4 21.6#
 100 1.5 8.6 12.8#

