

Data File : VV010860.D
Acq On : 14 May 2019 14:15
Operator : SY/MD
Sample : K2737-10RE
Misc : 4.68G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB858RE

Quant Time: May 15 06:56:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 06:52:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	110523	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	117372	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49848	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24015	17.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.24%
7) Chloroethane-d5	1.57	69	20594	22.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.76%
10) 1,1-Dichloroethene-d2	2.12	63	36339	13.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.56%
20) 2-Butanone-d5	3.94	46	21670	48.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.84%
24) Chloroform-d	4.40	84	52957	16.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	66.40%
26) 1,2-Dichloroethane-d4	5.08	65	43027	23.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.88%
29) Benzene-d6	5.10	84	137772	21.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.84%
33) 1,2-Dichloropropane-d6	6.12	67	47999	23.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.64%
37) Toluene-d8	7.36	98	123504	19.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.12%
38) trans-1,3-Dichloropropene-	7.66	79	16994	18.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.20%
39) 2-Hexanone-d5	8.13	63	16308	41.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.04%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	38799	20.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.72%
61) 1,2-Dichlorobenzene-d4	11.67	152	47391	22.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.04%

Target Compounds

					Qvalue
6) Bromomethane	1.52	94	737	2.008 ug/L	88
13) Acetone	2.20	43	83631	185.338 ug/L	96
16) Methylene chloride	2.53	84	4311	2.417 ug/L	90
25) Chloroform	4.42	83	19933	6.256 ug/L	97
35) Trichloroethene	5.66	95	3140	1.771 ug/L #	5
36) Methylcyclohexane	6.12	83	11105	4.501 ug/L #	19
40) 1,2-Dichloropropane	6.11	63	5253	2.819 ug/L #	95
59) 1,2,3-Trichloropropane	11.29	75	6341	4.416 ug/L #	88

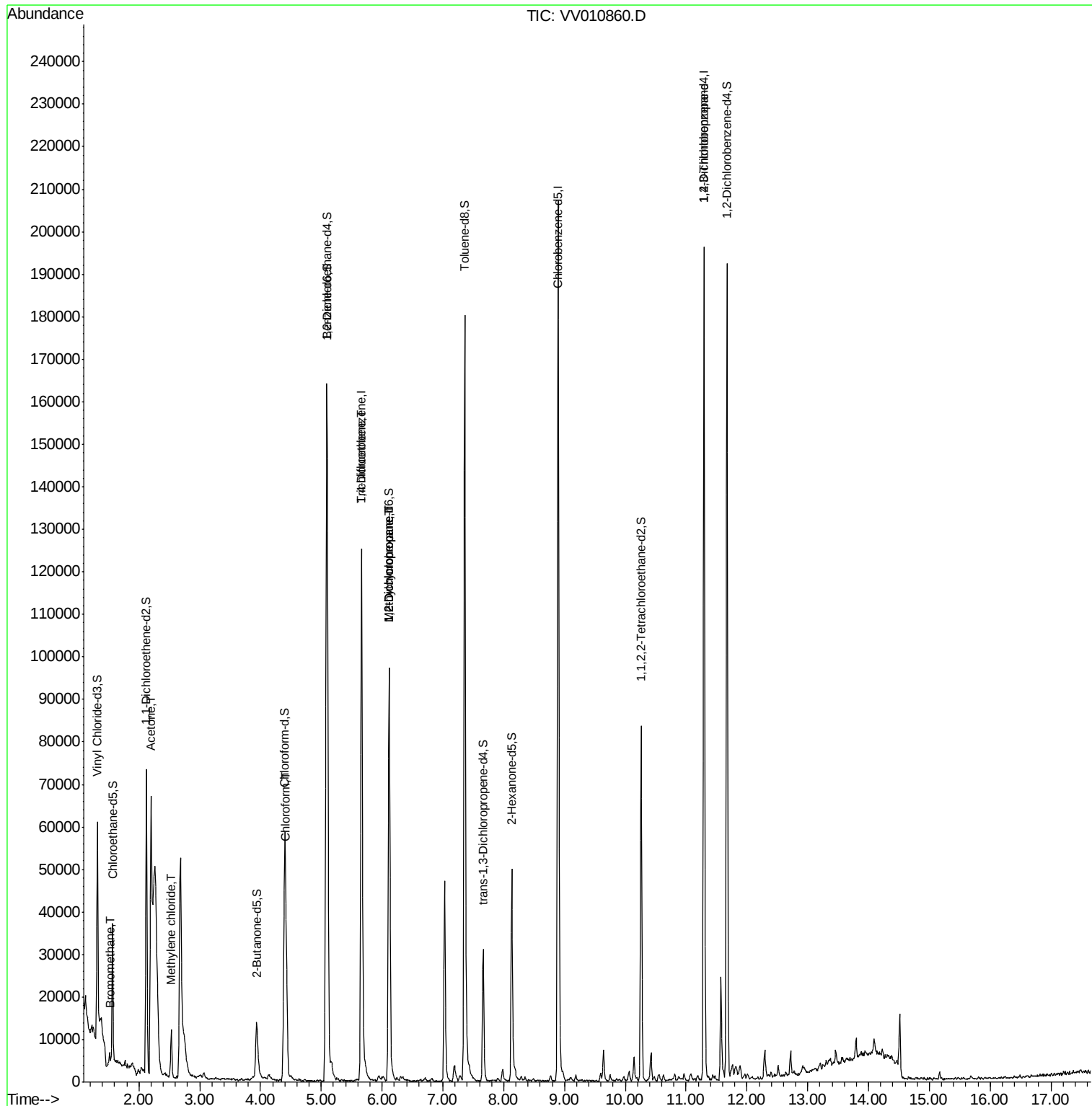
(#) = qualifier out of range (m) = manual integration (+) = signals summed

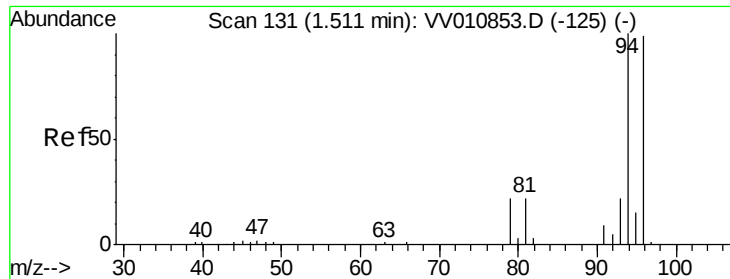
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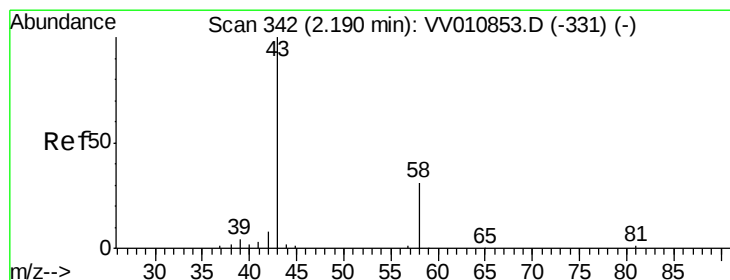
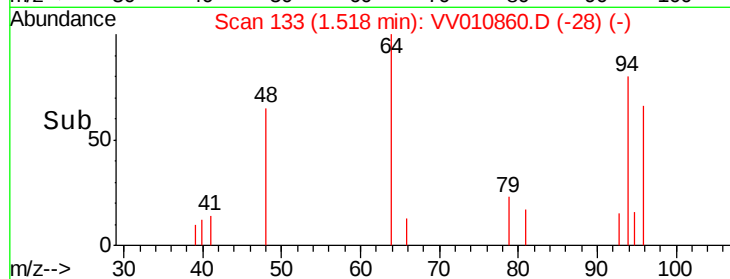
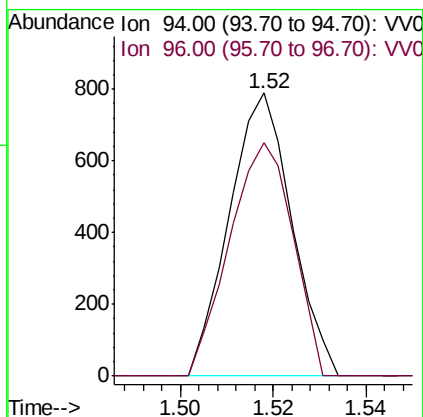
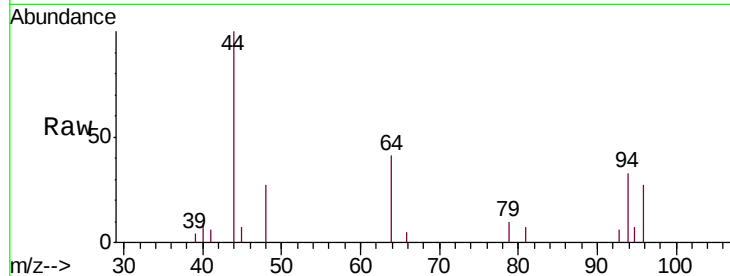




#6
Bromomethane
Concen: 2.008 ug/L
RT: 1.52 min Scan# 133
Delta R.T. 0.01 min
Lab File: VV010860.D
Acq: 14 May 2019 14:15

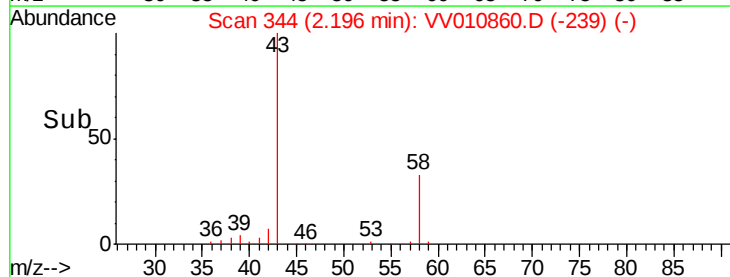
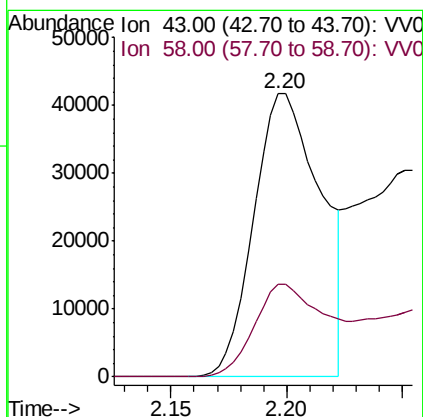
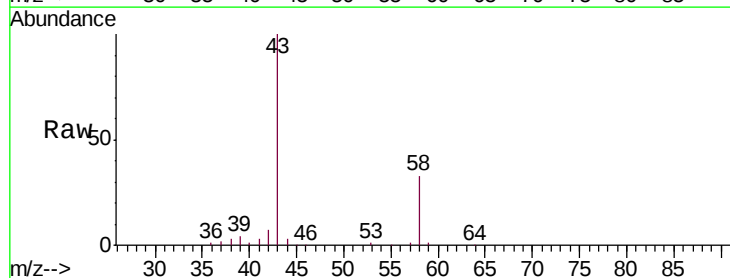
Instrument :
MSVOA_V
ClientSampleId :
DB858RE

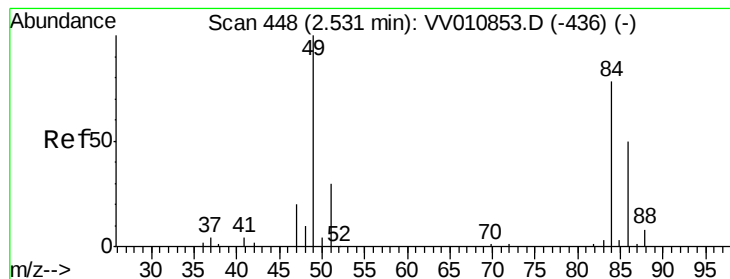
Tgt Ion: 94 Resp: 737
Ion Ratio Lower Upper
94 100
96 83.6 9.6 181.6



#13
Acetone
Concen: 185.338 ug/L
RT: 2.20 min Scan# 344
Delta R.T. 0.01 min
Lab File: VV010860.D
Acq: 14 May 2019 14:15

Tgt Ion: 43 Resp: 83631
Ion Ratio Lower Upper
43 100
58 36.9 0.0 69.2





#16

Methylene chloride

Concen: 2.417 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

Lab File: VV010860.D

Acq: 14 May 2019 14:15

Instrument :

MSVOA_V

ClientSampleId :

DB858RE

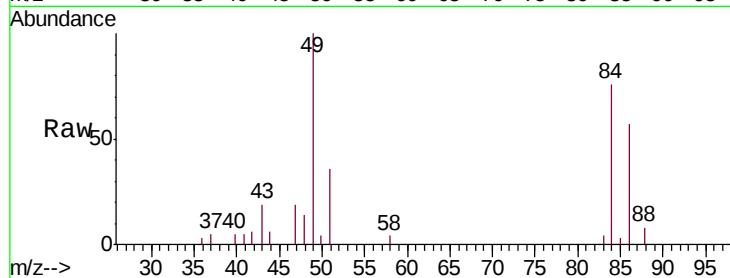
Tgt Ion: 84 Resp: 4311

Ion Ratio Lower Upper

84 100

49 131.6 85.8 159.3

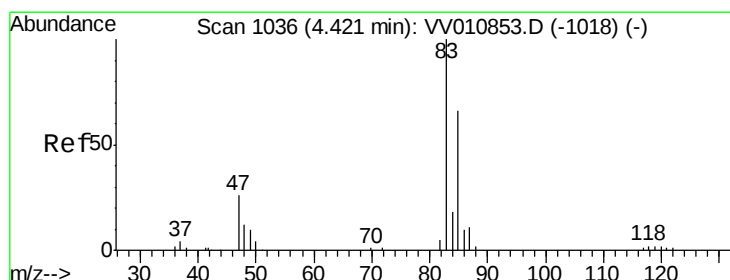
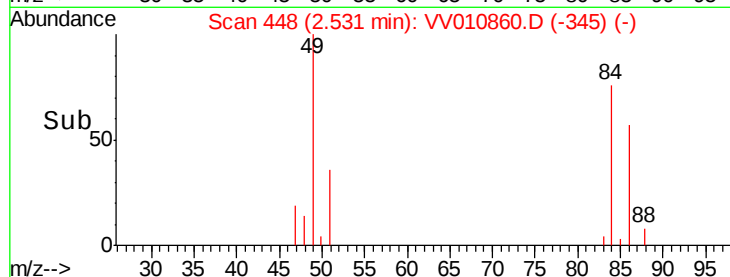
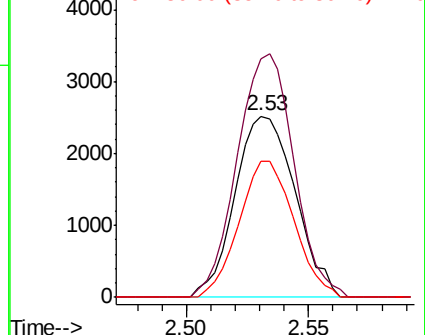
86 75.5 45.0 83.6



Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0



#25

Chloroform

Concen: 6.256 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV010860.D

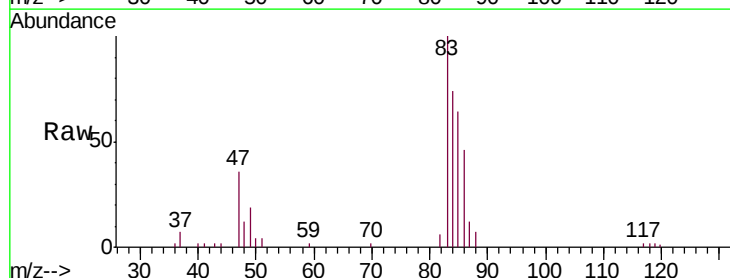
Acq: 14 May 2019 14:15

Tgt Ion: 83 Resp: 19933

Ion Ratio Lower Upper

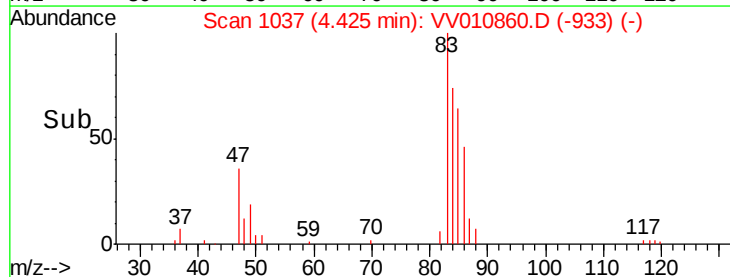
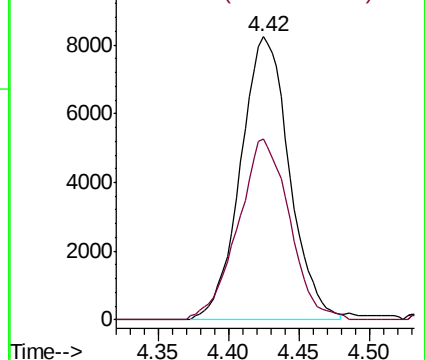
83 100

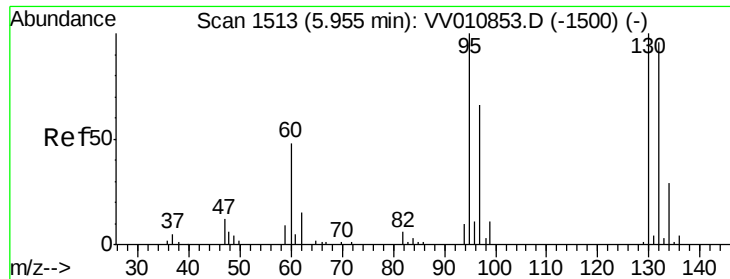
85 67.4 45.3 84.1



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

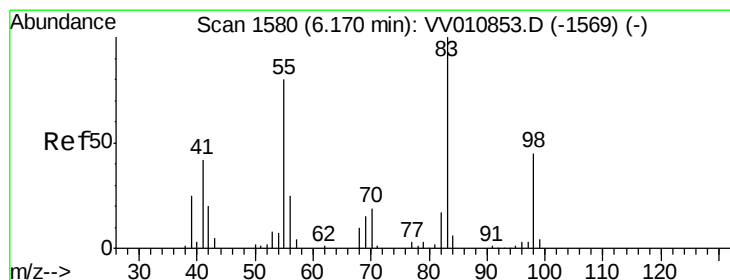
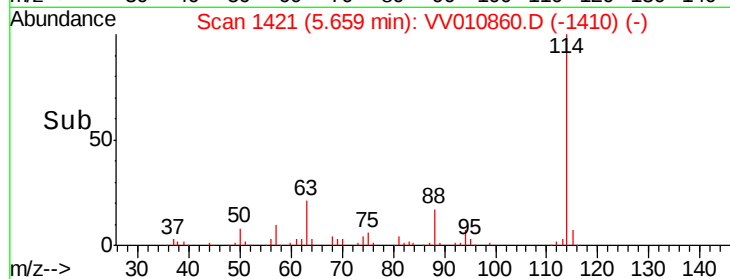
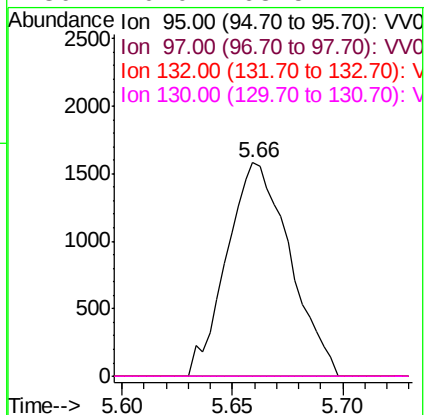
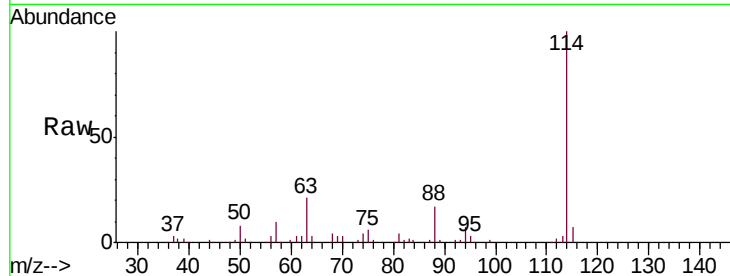




#35
 Trichloroethene
 Concen: 1.771 ug/L
 RT: 5.66 min Scan# 1421
 Delta R.T. -0.30 min
 Lab File: VV010860.D
 Acq: 14 May 2019 14:15

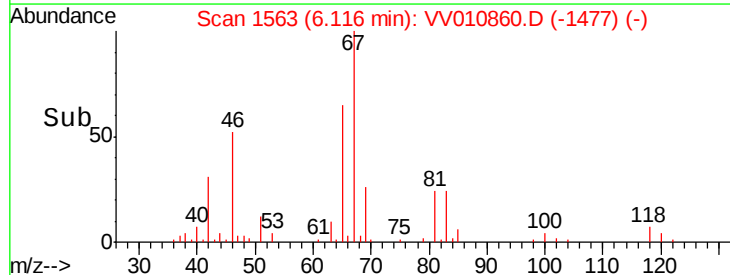
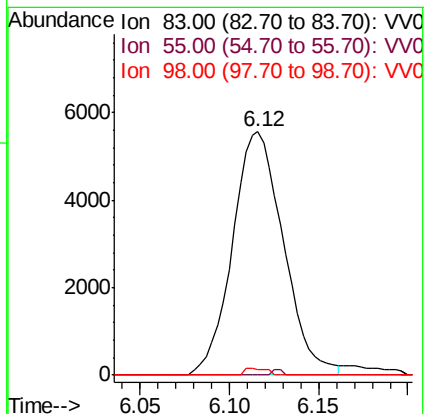
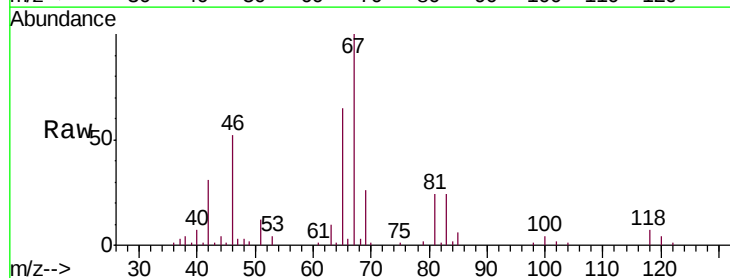
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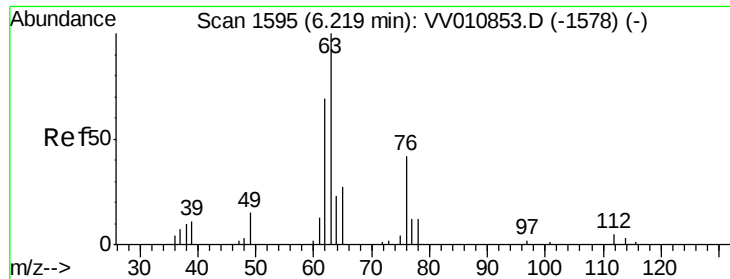
Tgt Ion: 95 Resp: 3140
 Ion Ratio Lower Upper
 95 100
 97 0.0 46.0 85.4#
 132 0.0 67.4 125.2#
 130 0.0 68.5 127.1#



#36
 Methylcyclohexane
 Concen: 4.501 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.05 min
 Lab File: VV010860.D
 Acq: 14 May 2019 14:15

Tgt Ion: 83 Resp: 11105
 Ion Ratio Lower Upper
 83 100
 55 0.5 61.0 91.4#
 98 1.2 37.2 55.8#

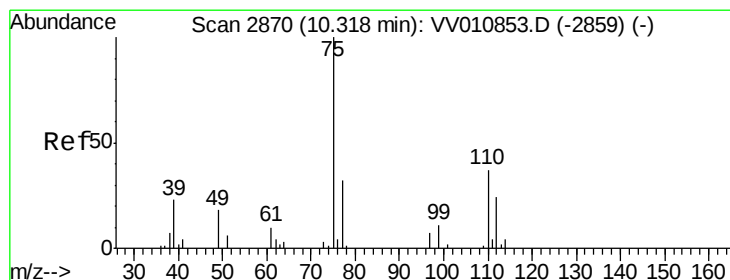
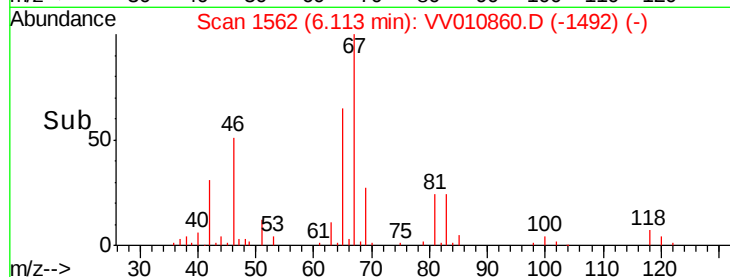
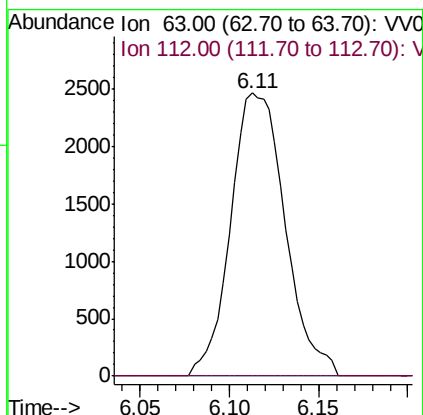
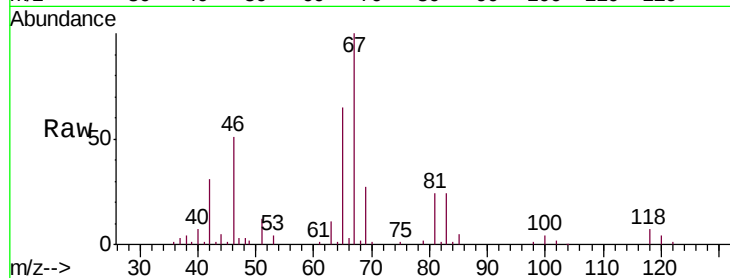




#40
 1,2-Dichloropropane
 Concen: 2.819 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV010860.D
 Acq: 14 May 2019 14:15

Instrument :
 MSVOA_V
 ClientSampleID :
 DB858RE

Tgt Ion: 63 Resp: 5253
 Ion Ratio Lower Upper
 63 100
 112 2.2 3.2 4.8#



#59
 1,2,3-Trichloropropane
 Concen: 4.416 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV010860.D
 Acq: 14 May 2019 14:15

Tgt Ion: 75 Resp: 6341
 Ion Ratio Lower Upper
 75 100
 77 39.8 26.4 39.6#

