

Data File : VV012013.D
Acq On : 24 Jul 2019 16:02
Operator : SY/MD
Sample : K3958-14
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2A32

Quant Time: Jul 25 04:16:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 25 04:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	131602	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	127838	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61453	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29421	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.59	69	25338	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.13	63	51125	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	3.95	46	99816	49.93	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.86%
24) Chloroform-d	4.40	84	85204	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.08	65	49849	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
32) Benzene-d6	5.10	84	175784	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.12	67	50182	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.36	98	155350	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.67	79	19781	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.14	63	85891	51.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.32%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35192	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	64015	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

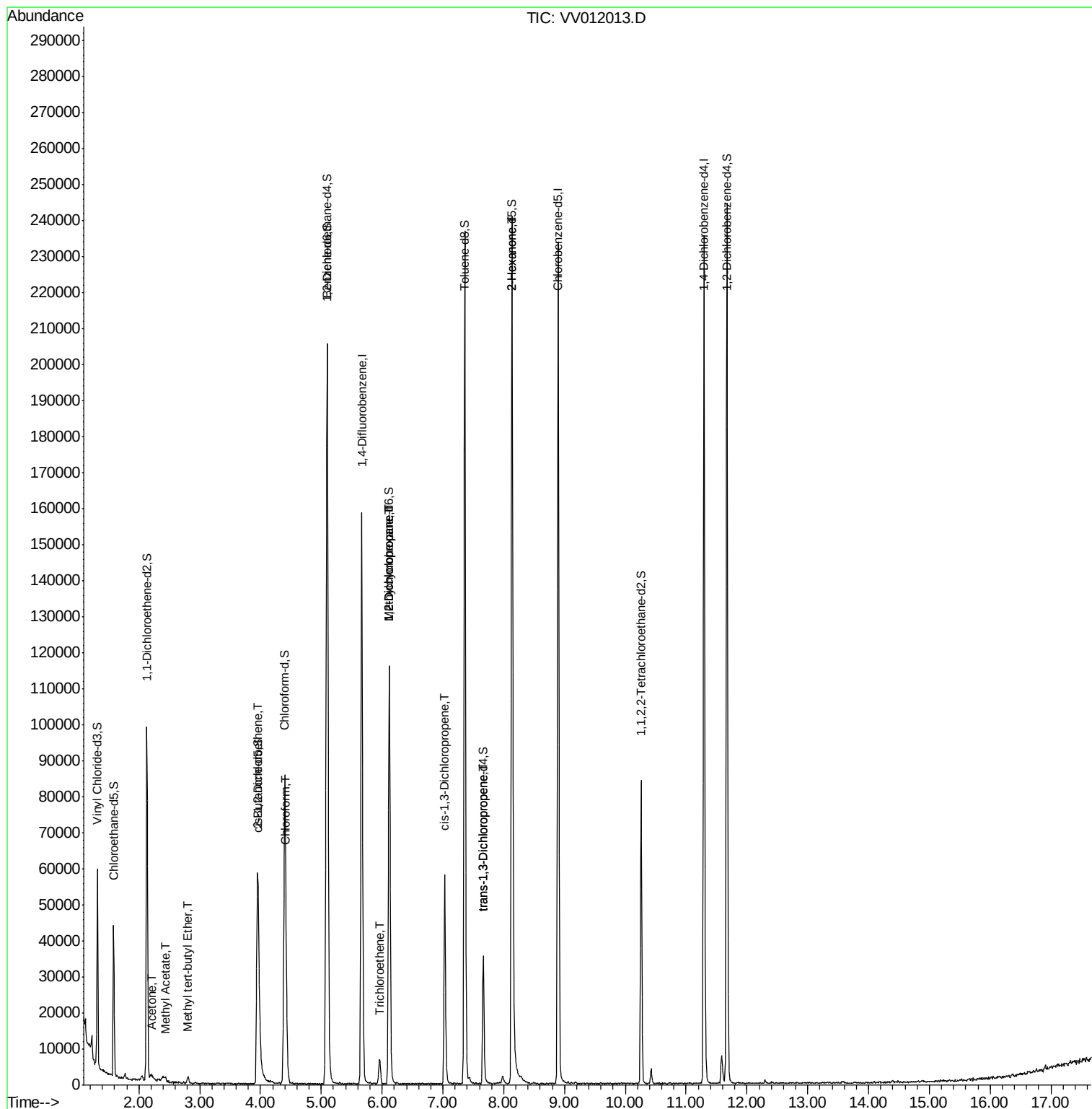
					Qvalue
13) Acetone	2.22	43	1848	1.715 ug/L	88
15) Methyl Acetate	2.45	43	412	0.175 ug/L #	45
17) Methyl tert-butyl Ether	2.80	73	1847	0.090 ug/L	91
22) cis-1,2-Dichloroethene	3.97	96	1099	0.110 ug/L	84
25) Chloroform	4.43	83	6337	0.318 ug/L	89
34) Trichloroethene	5.96	95	2089	0.200 ug/L	98
35) Methylcyclohexane	6.12	83	13716	0.844 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6699	0.741 ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1609	0.120 ug/L #	52
44) trans-1,3-Dichloropropene	7.67	75	1043	0.098 ug/L	96
48) 2-Hexanone	8.14	43	10624	2.998 ug/L #	75

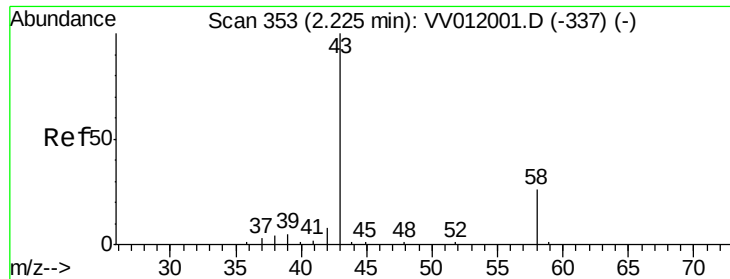
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.715 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.01 min

Lab File: VV012013.D

Acq: 24 Jul 2019 16:02

Instrument :

MSVOA_V

ClientSampleId :

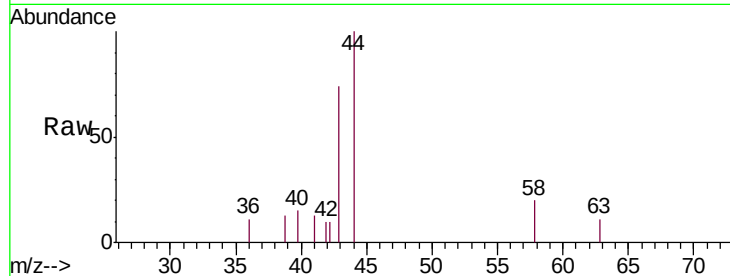
F2A32

Tgt Ion: 43 Resp: 1848

Ion Ratio Lower Upper

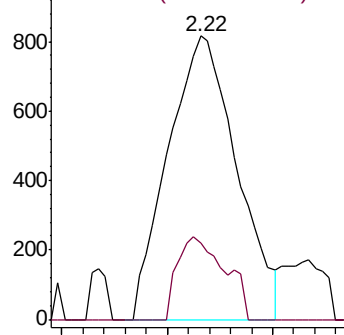
43 100

58 20.0 0.0 51.8

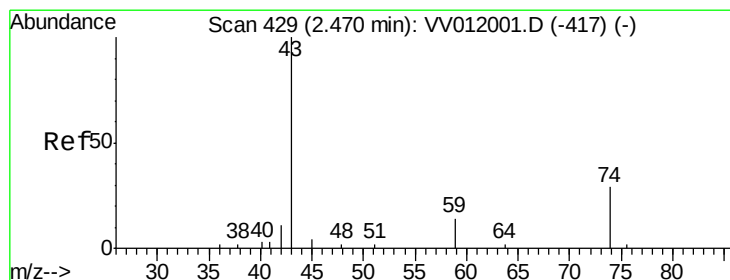
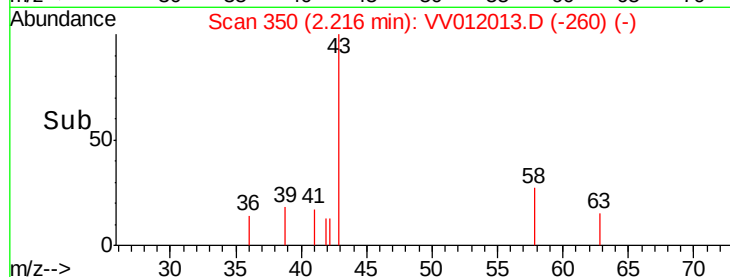


Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



Time-->



#15

Methyl Acetate

Concen: 0.175 ug/L

RT: 2.45 min Scan# 424

Delta R.T. -0.02 min

Lab File: VV012013.D

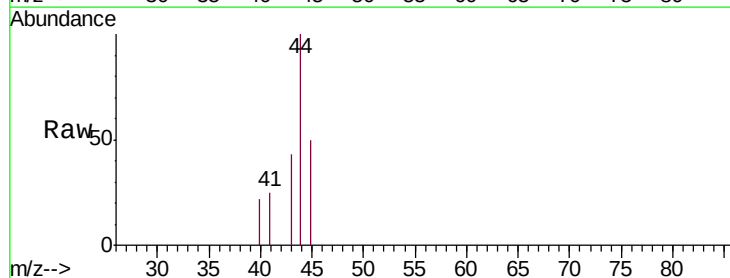
Acq: 24 Jul 2019 16:02

Tgt Ion: 43 Resp: 412

Ion Ratio Lower Upper

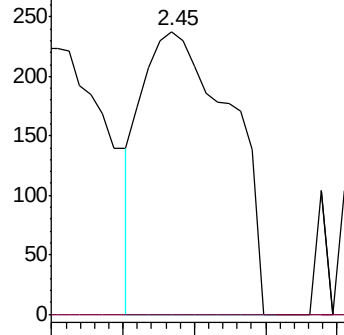
43 100

74 0.0 23.4 35.2#

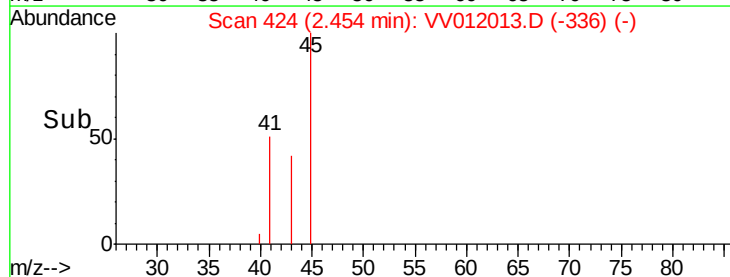


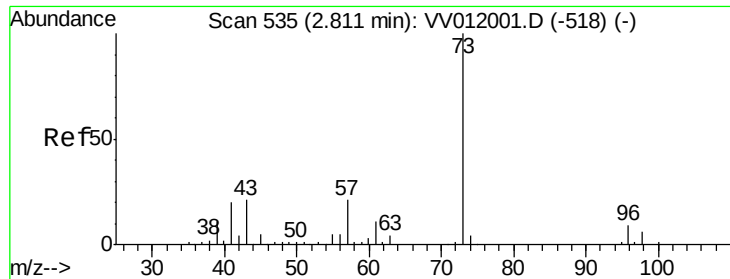
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



Time-->

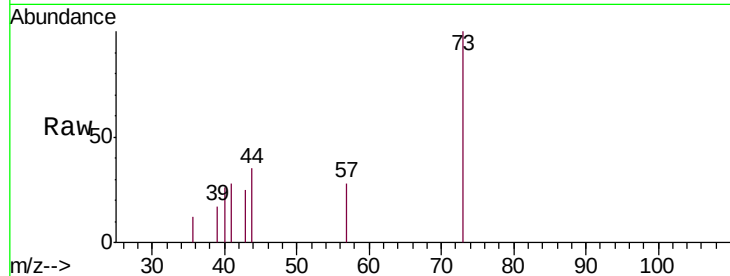




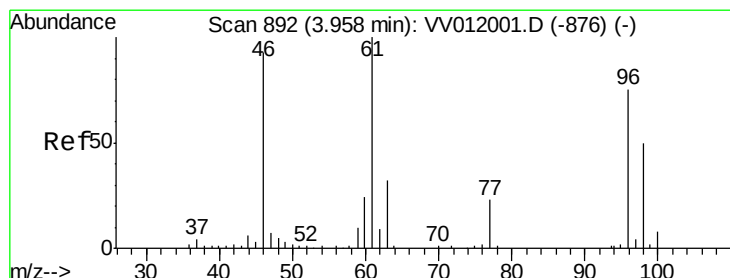
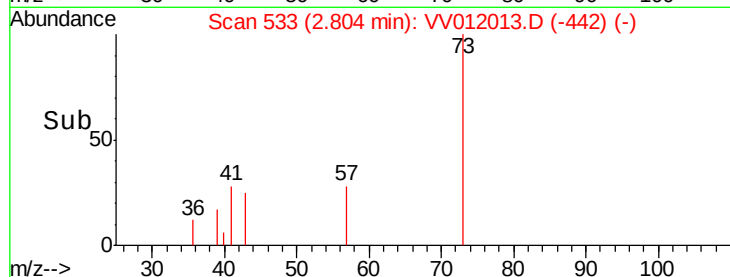
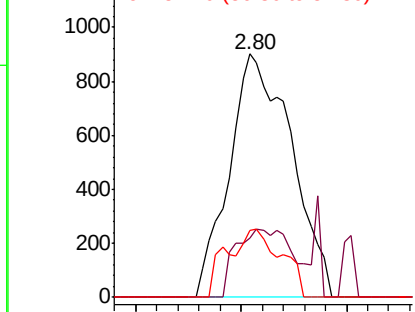
#17
Methyl tert-butyl Ether
Concen: 0.090 ug/L
RT: 2.80 min Scan# 533
Delta R.T. -0.01 min
Lab File: VV012013.D
Acq: 24 Jul 2019 16:02

Instrument :
MSVOA_V
ClientSampleId :
F2A32

Tgt Ion: 73 Resp: 1847
Ion Ratio Lower Upper
73 100
43 25.3 17.0 25.4
57 17.3 17.0 25.6

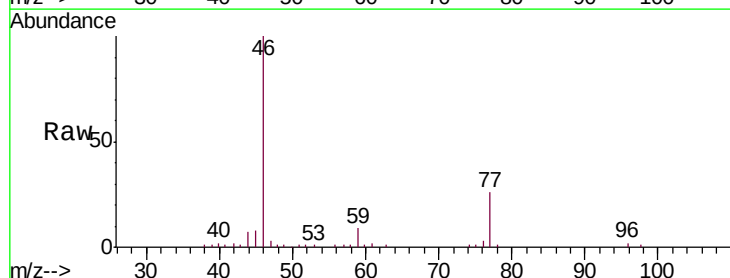


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

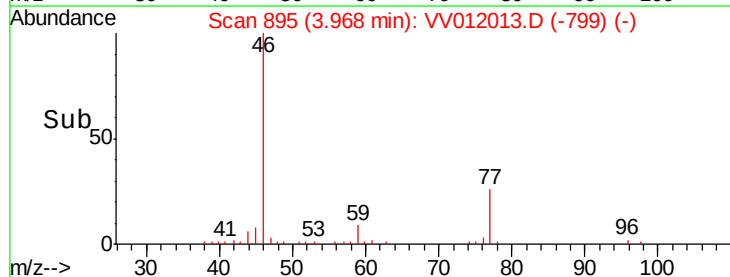
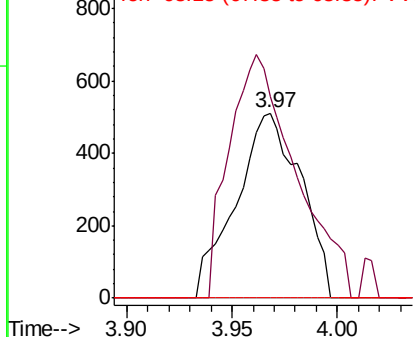


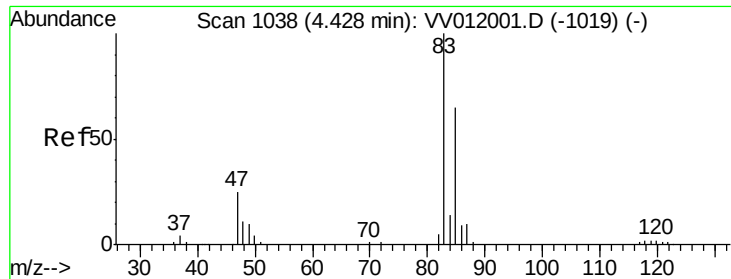
#22
cis-1,2-Dichloroethene
Concen: 0.110 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.01 min
Lab File: VV012013.D
Acq: 24 Jul 2019 16:02

Tgt Ion: 96 Resp: 1099
Ion Ratio Lower Upper
96 100
61 109.0 89.0 165.2
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

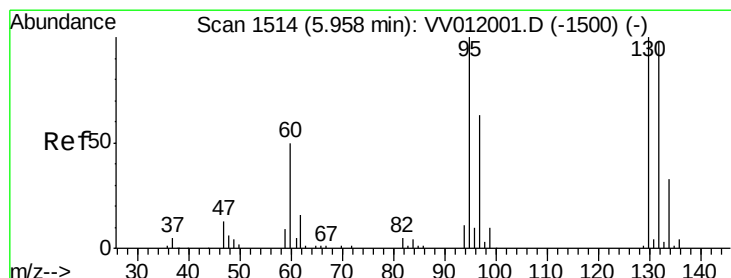
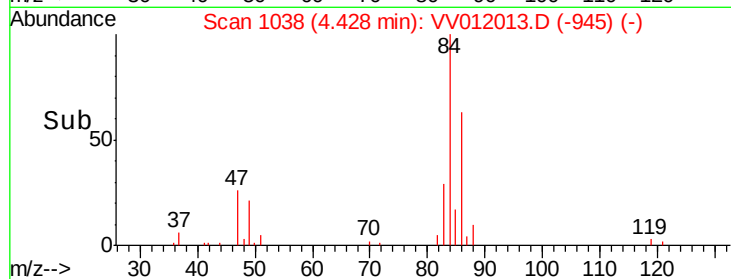
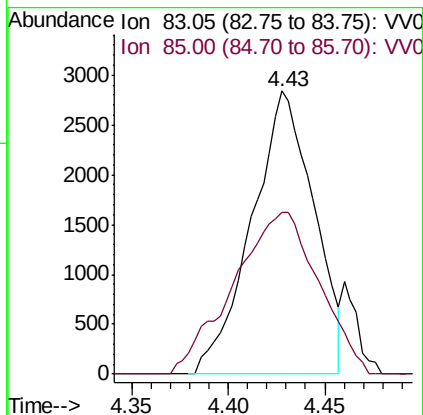
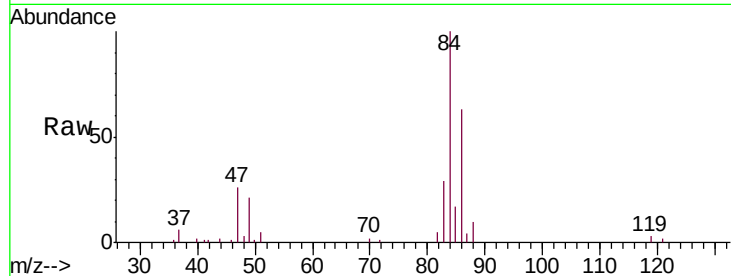




#25
Chloroform
Concen: 0.318 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012013.D
Acq: 24 Jul 2019 16:02

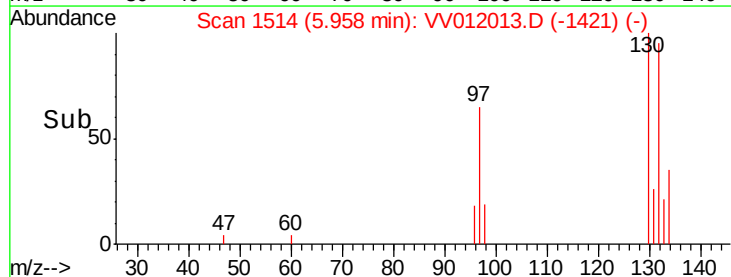
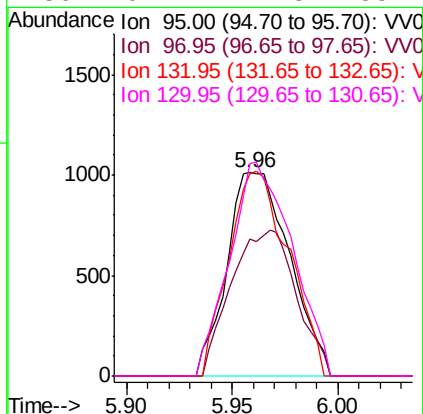
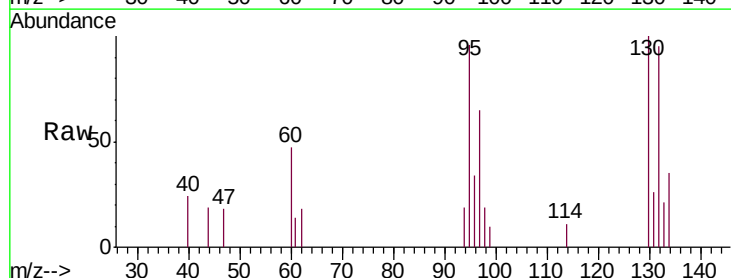
Instrument :
MSVOA_V
ClientSampleId :
F2A32

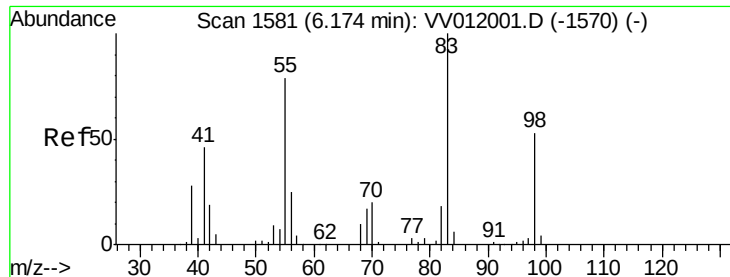
Tgt Ion: 83 Resp: 6337
Ion Ratio Lower Upper
83 100
85 57.3 46.5 86.3



#34
Trichloroethene
Concen: 0.200 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV012013.D
Acq: 24 Jul 2019 16:02

Tgt Ion: 95 Resp: 2089
Ion Ratio Lower Upper
95 100
97 67.6 45.6 84.6
132 99.8 71.3 132.3
130 104.7 72.8 135.2

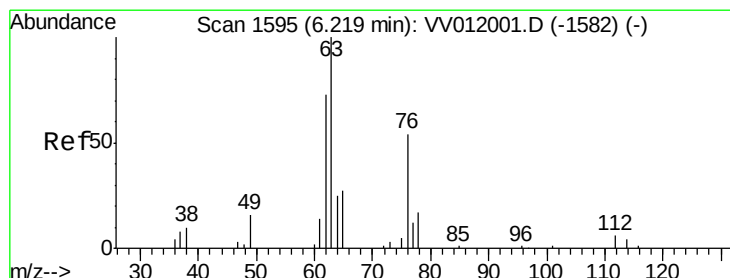
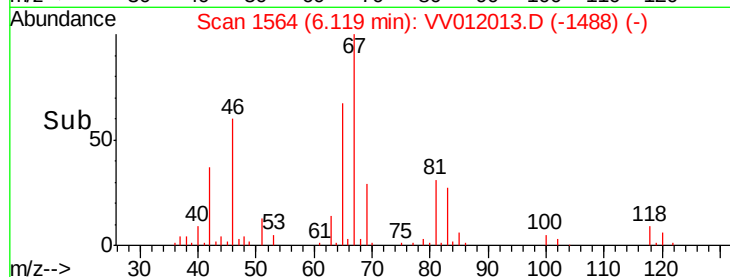
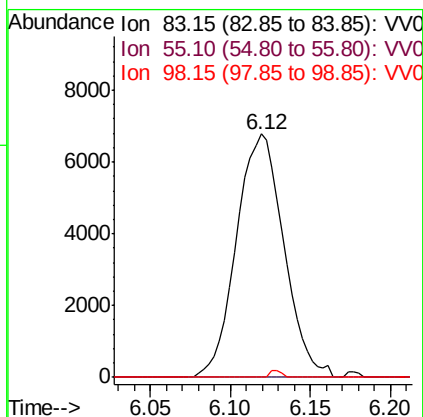
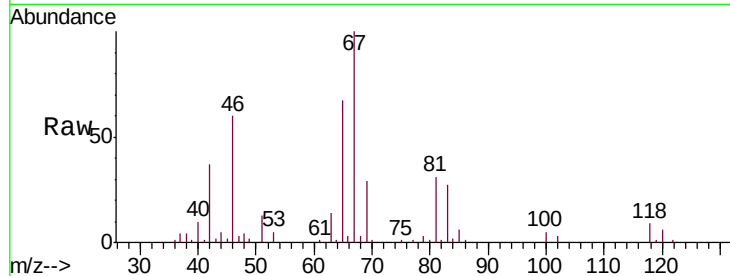




#35
Methylcyclohexane
Concen: 0.844 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV012013.D
Acq: 24 Jul 2019 16:02

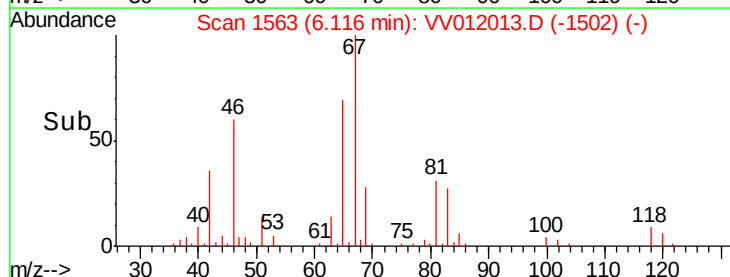
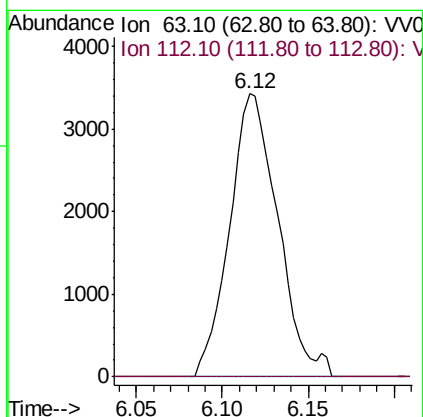
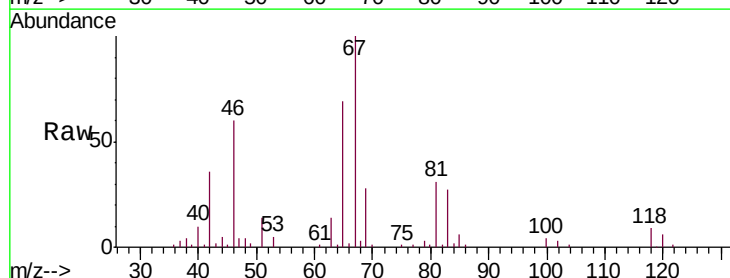
Instrument :
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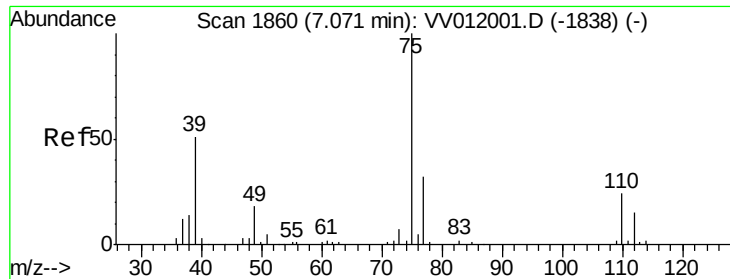
Tgt Ion: 83 Resp: 13716
Ion Ratio Lower Upper
83 100
55 0.0 63.0 94.4#
98 0.6 41.4 62.0#



#37
1,2-Dichloropropane
Concen: 0.741 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012013.D
Acq: 24 Jul 2019 16:02

Tgt Ion: 63 Resp: 6699
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#





#39

cis-1,3-Dichloropropene

Concen: 0.120 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV012013.D

Acq: 24 Jul 2019 16:02

Instrument :

MSVOA_V

ClientSampleId :

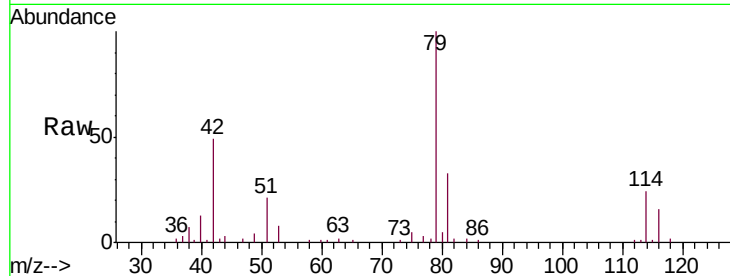
F2A32

Tgt Ion: 75 Resp: 1609

Ion Ratio Lower Upper

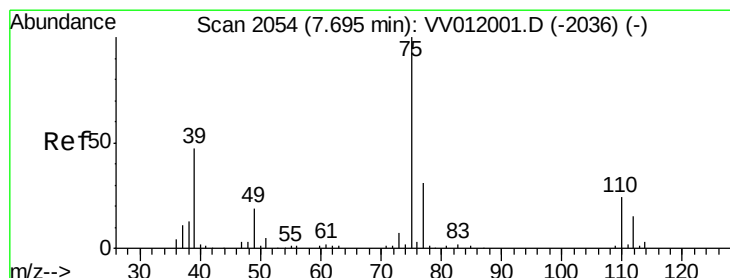
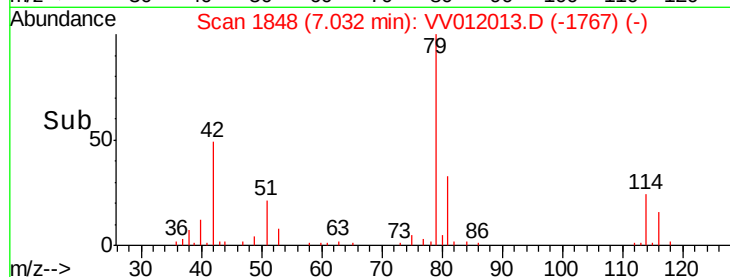
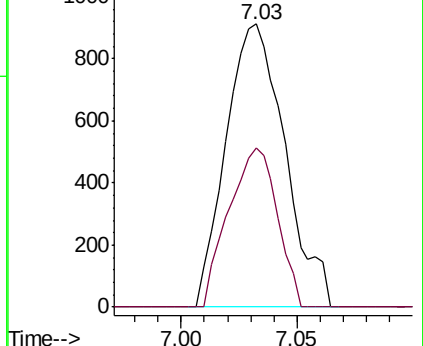
75 100

77 56.5 21.3 39.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV012013.D

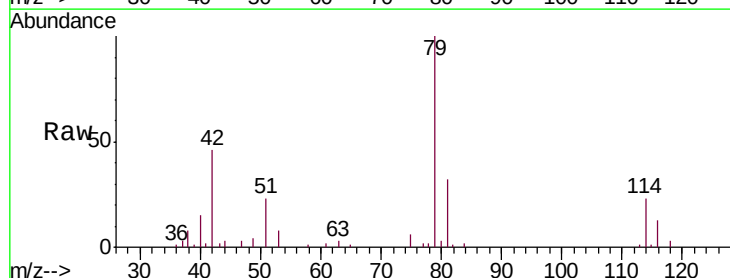
Acq: 24 Jul 2019 16:02

Tgt Ion: 75 Resp: 1043

Ion Ratio Lower Upper

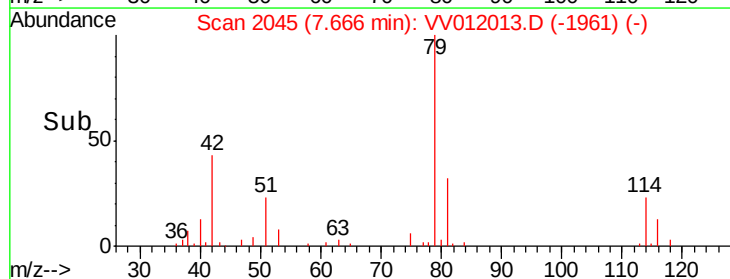
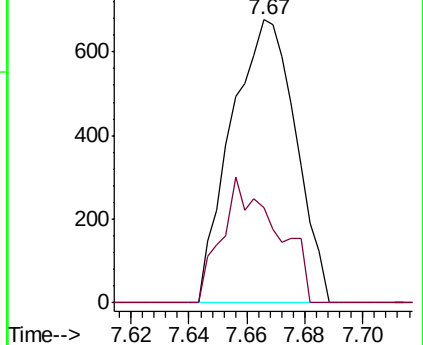
75 100

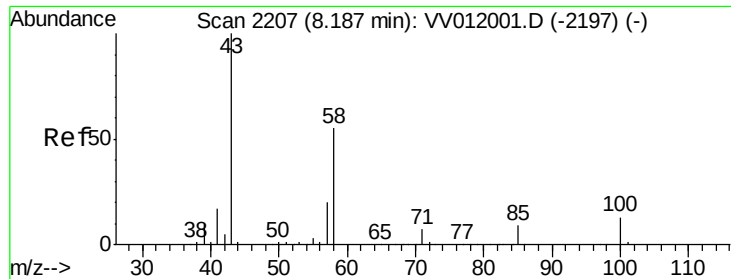
77 33.5 22.0 40.8



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

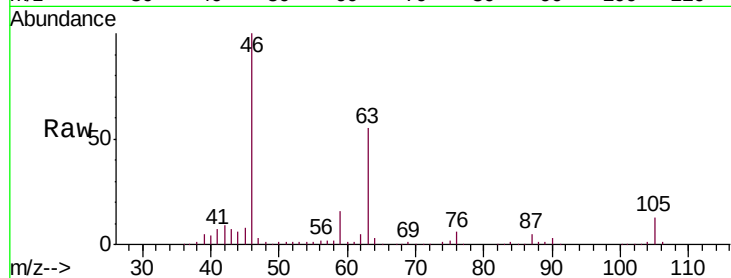




#48
 2-Hexanone
 Concen: 2.998 ug/L
 RT: 8.14 min Scan# 2191
 Delta R.T. -0.05 min
 Lab File: VV012013.D
 Acq: 24 Jul 2019 16:02

Instrument :
 MSVOA_V
 ClientSampleId :
 F2A32

Tgt Ion:	43	Resp:	10624
Ion	Ratio	Lower	Upper
43	100		
58	34.2	43.7	65.5#
57	26.9	16.0	24.0#
100	2.3	10.5	15.7#



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

