

Data File : VV011450.D
Acq On : 13 Jun 2019 07:32
Operator : SY/MD
Sample : K3289-13
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCT7

Quant Time: Jun 13 08:28:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 13 08:24:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	131555	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	115208	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	42847	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31126	3.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.40%
7) Chloroethane-d5	1.56	69	28803	3.48	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.60%
11) 1,1-Dichloroethene-d2	2.12	63	57486	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	3.95	46	113104	50.40	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.80%
24) Chloroform-d	4.40	84	81021	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.08	65	46512	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.09	84	156005	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.12	67	50279	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.36	98	130226	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	7.66	79	12534	3.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.00%
46) 2-Hexanone-d5	8.14	63	78119	45.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	33920	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	40328	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

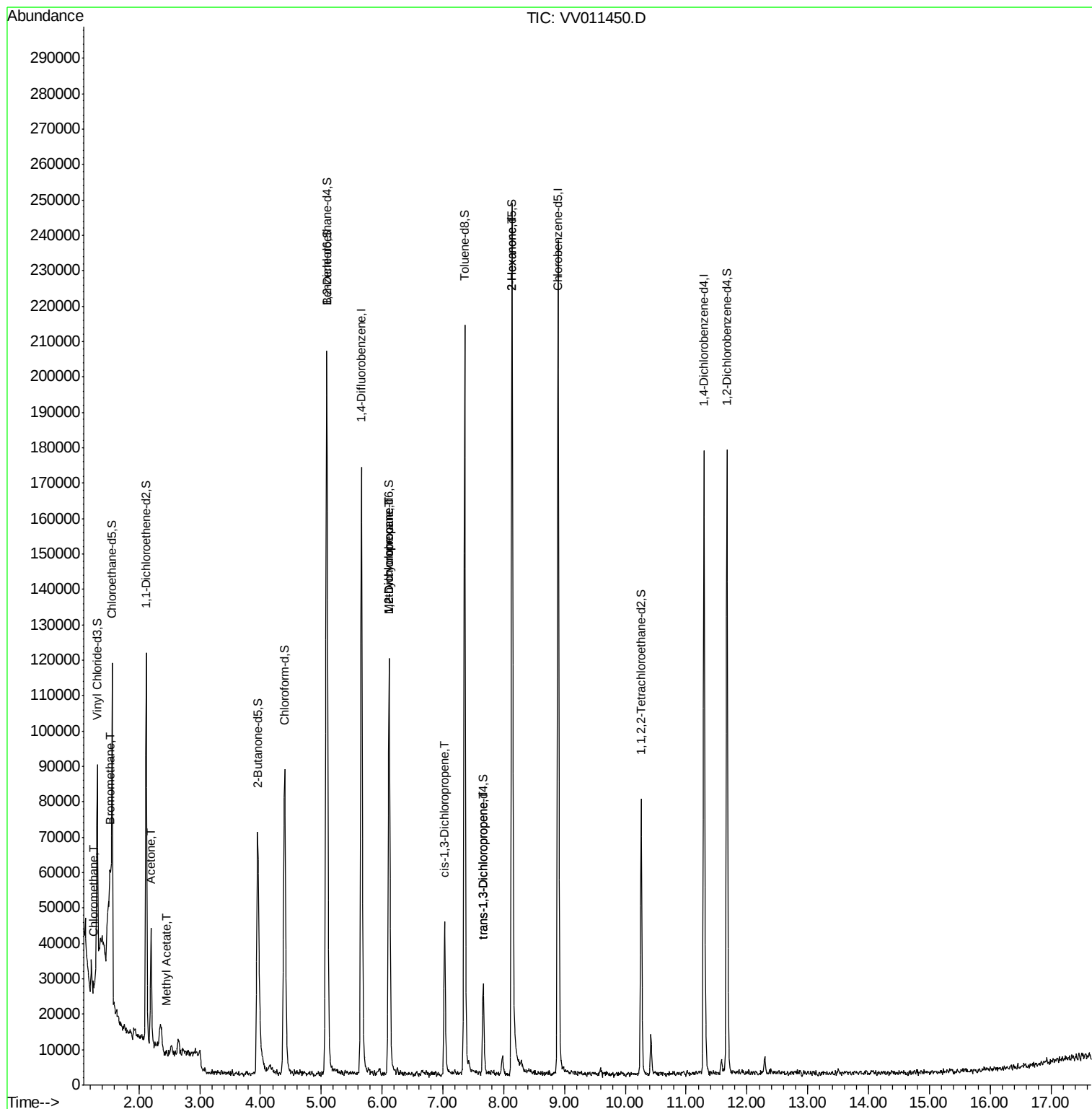
					Qvalue
3) Chloromethane	1.25	50	3576	0.285 ug/L	95
6) Bromomethane	1.52	94	1869	0.297 ug/L	91
13) Acetone	2.20	43	3729	2.478 ug/L	93
15) Methyl Acetate	2.46	43	718	0.180 ug/L #	72
35) Methylcyclohexane	6.12	83	12045	0.769 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6674	0.731 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1319	0.099 ug/L #	72
44) trans-1,3-Dichloropropene	7.66	75	824	0.081 ug/L	86
48) 2-Hexanone	8.14	43	10764	2.656 ug/L #	72

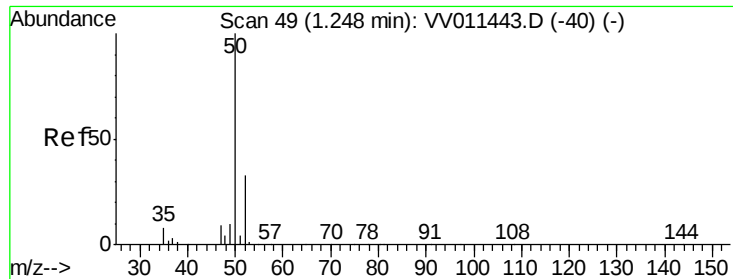
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.285 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

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MSVOA_V

ClientSampleId :

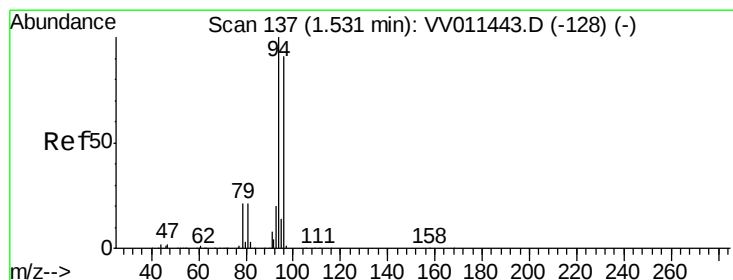
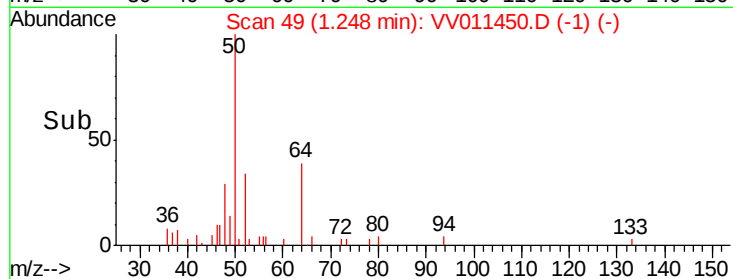
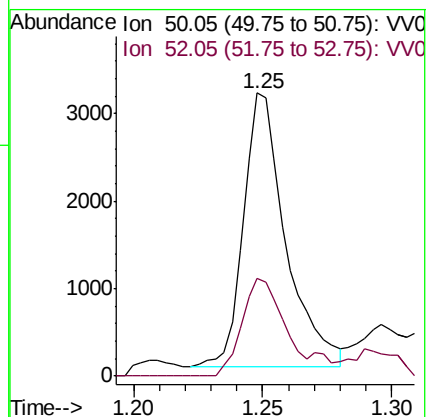
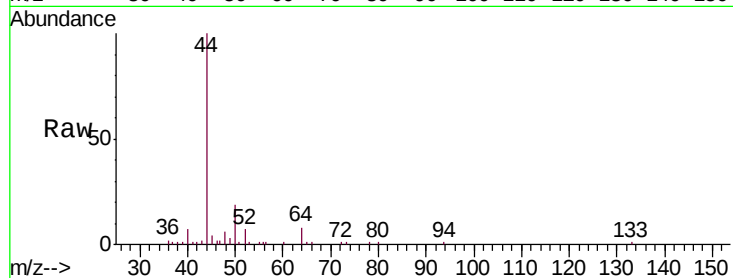
BFCT7

Tgt Ion: 50 Resp: 3576

Ion Ratio Lower Upper

50 100

52 34.4 22.3 41.5



#6

Bromomethane

Concen: 0.297 ug/L

RT: 1.52 min Scan# 135

Delta R.T. -0.01 min

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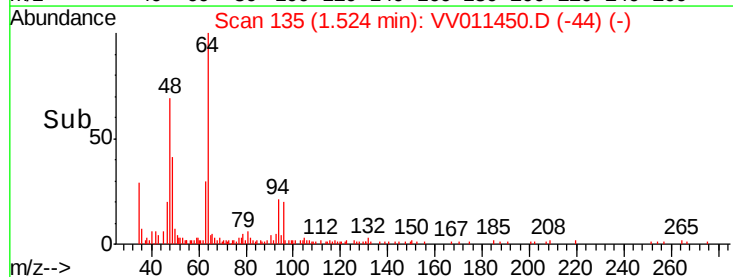
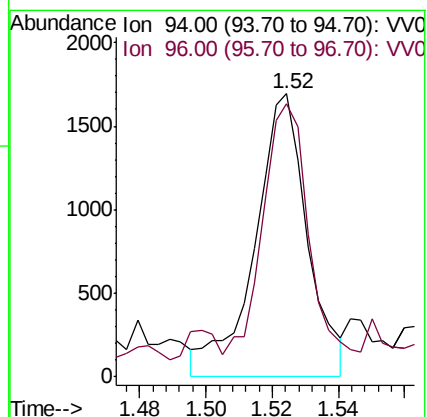
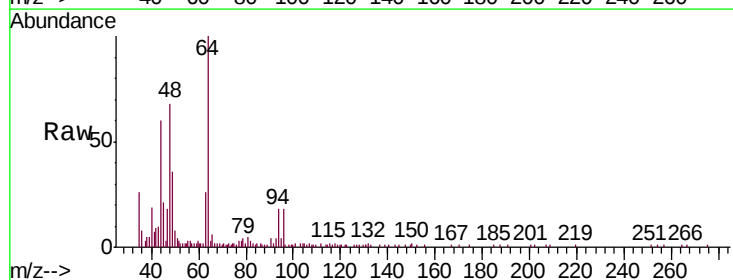
Acq: 13 Jun 2019 07:32

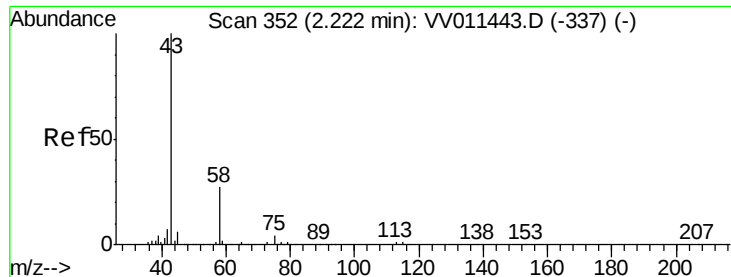
Tgt Ion: 94 Resp: 1869

Ion Ratio Lower Upper

94 100

96 104.4 67.0 124.4





#13

Acetone

Concen: 2.478 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.02 min

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Acq: 13 Jun 2019 07:32

Instrument :

MSVOA_V

ClientSampleId :

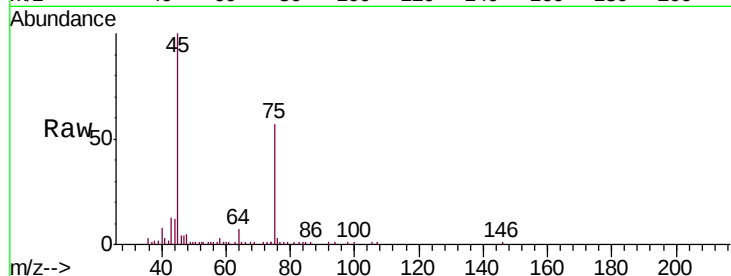
BFCT7

Tgt Ion: 43 Resp: 3729

Ion Ratio Lower Upper

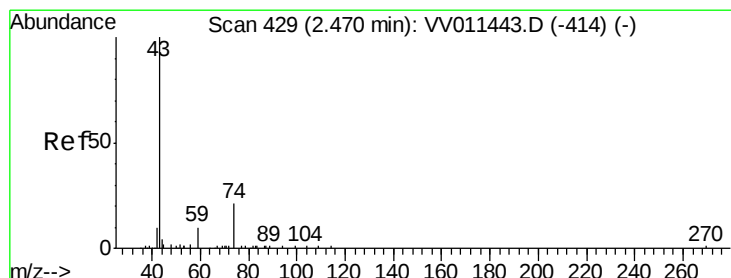
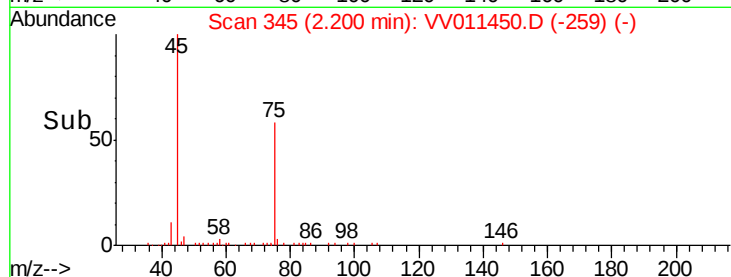
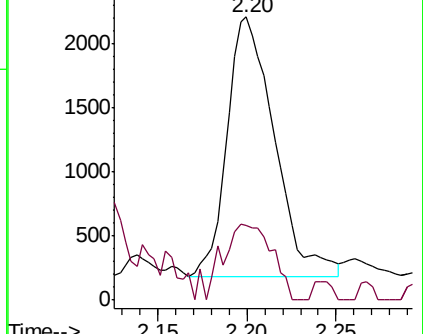
43 100

58 31.2 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#15

Methyl Acetate

Concen: 0.180 ug/L

RT: 2.46 min Scan# 427

Delta R.T. -0.01 min

Lab File: VV011450.D

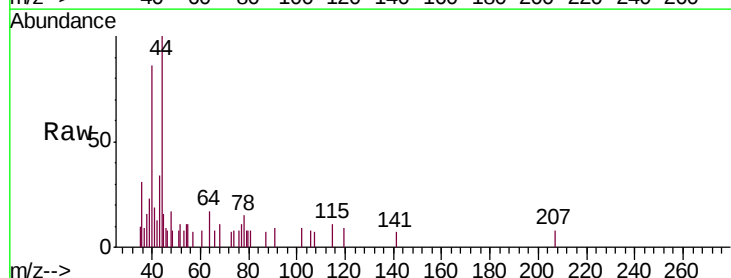
Acq: 13 Jun 2019 07:32

Tgt Ion: 43 Resp: 718

Ion Ratio Lower Upper

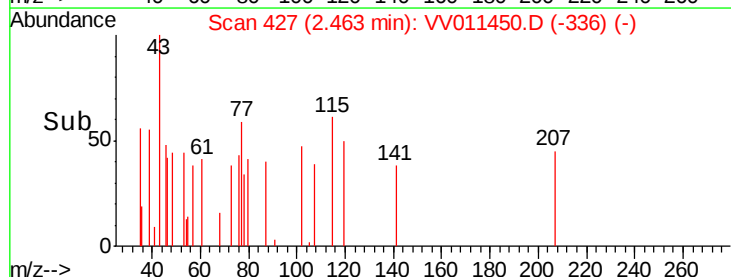
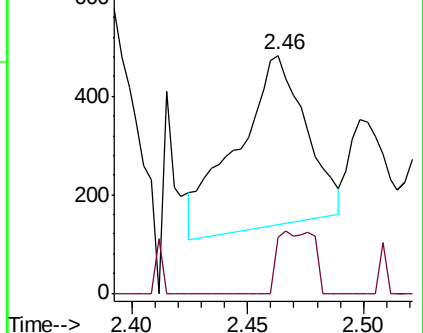
43 100

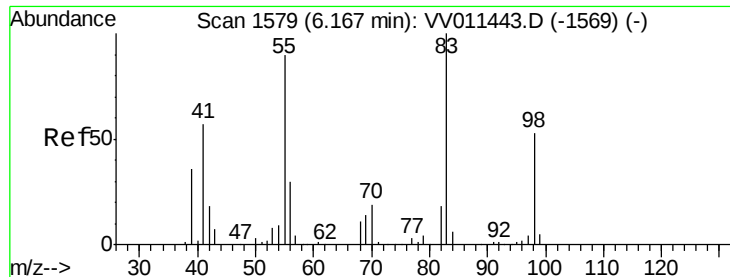
74 9.5 18.5 27.7#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

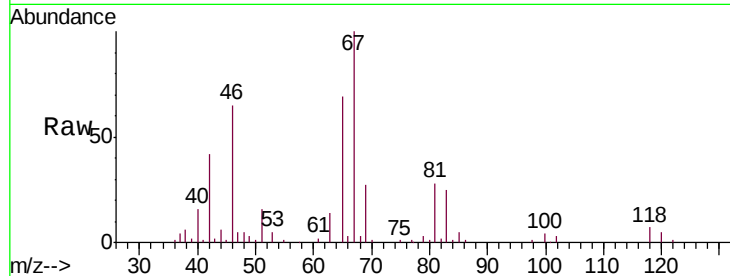




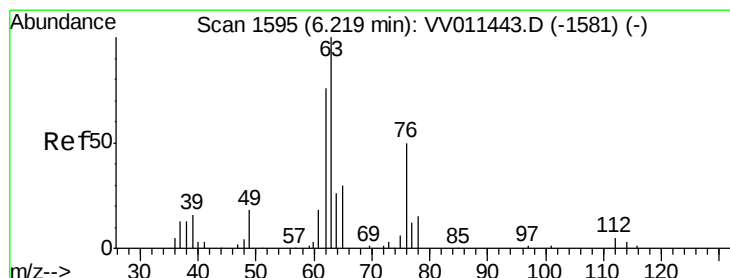
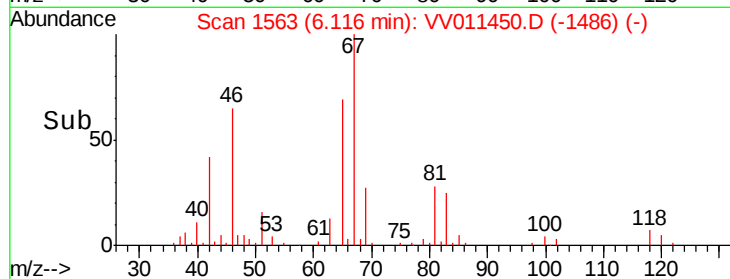
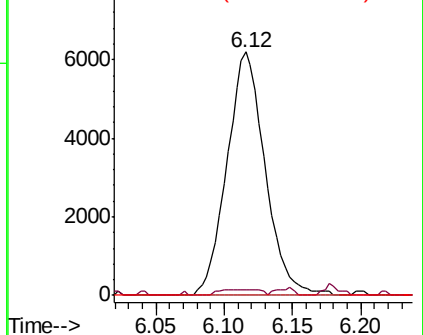
#35
Methylcyclohexane
Concen: 0.769 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011450.D
Acq: 13 Jun 2019 07:32

Instrument :
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Tgt Ion: 83 Resp: 12045
Ion Ratio Lower Upper
83 100
55 2.5 67.0 100.6#
98 0.0 40.0 60.0#

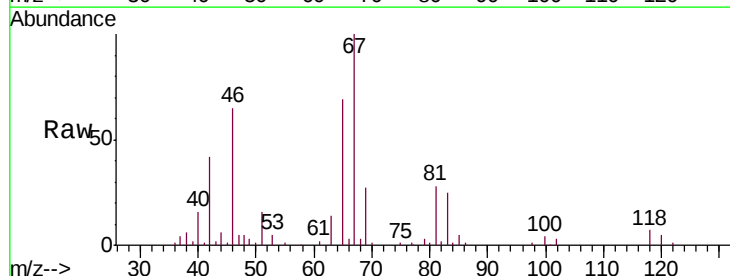


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

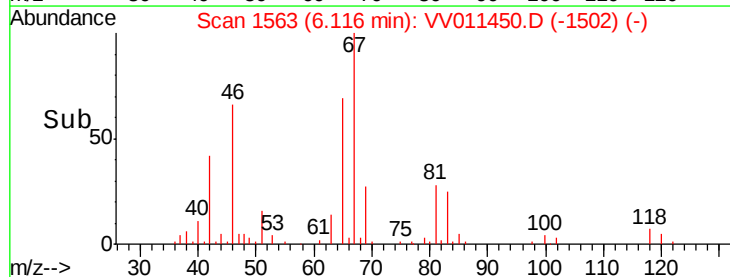
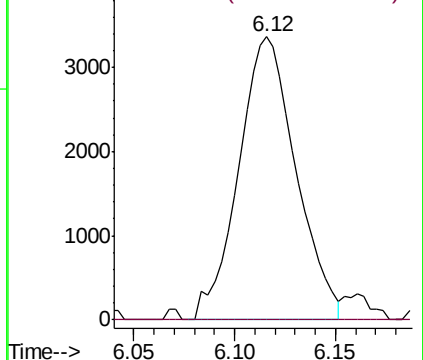


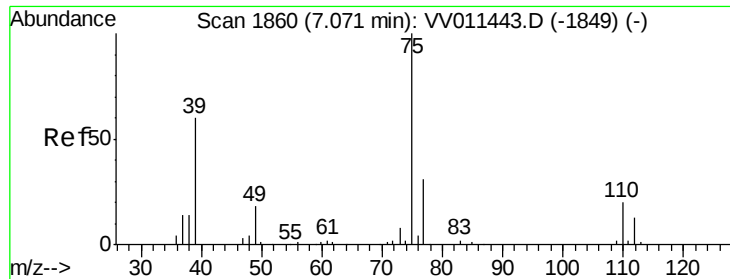
#37
1,2-Dichloropropane
Concen: 0.731 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011450.D
Acq: 13 Jun 2019 07:32

Tgt Ion: 63 Resp: 6674
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



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

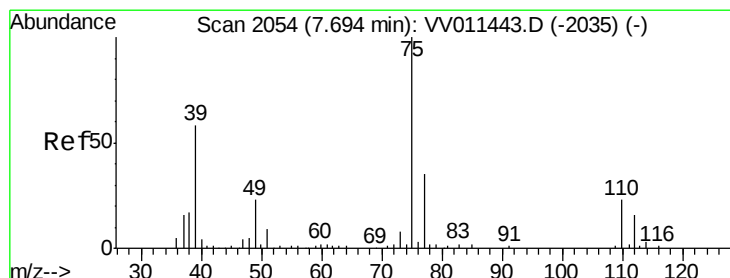
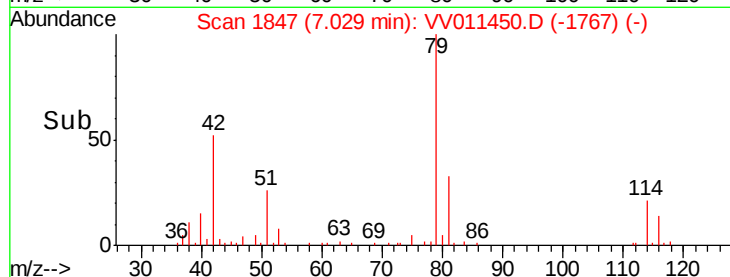
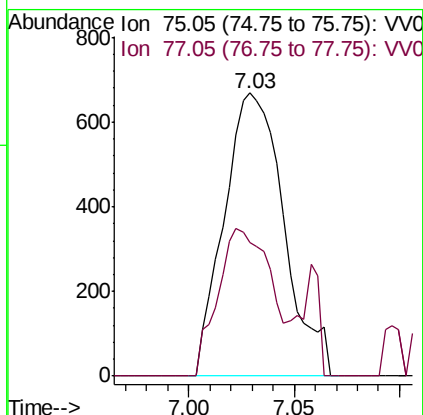
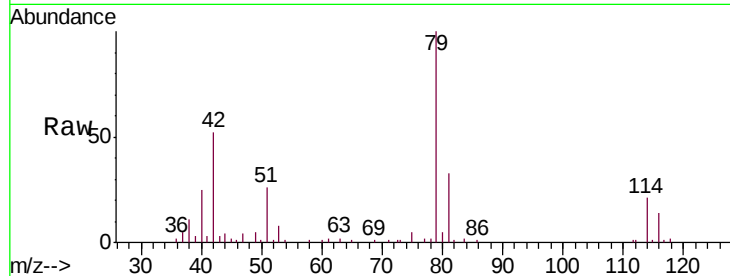




#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011450.D
 Acq: 13 Jun 2019 07:32

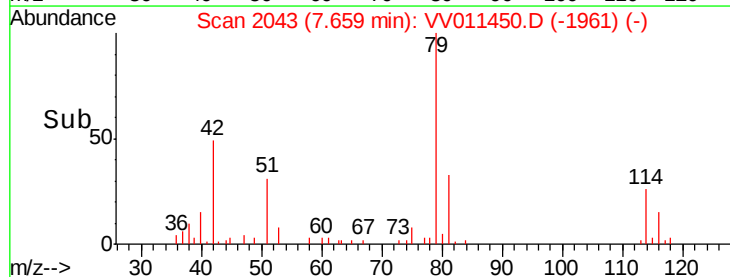
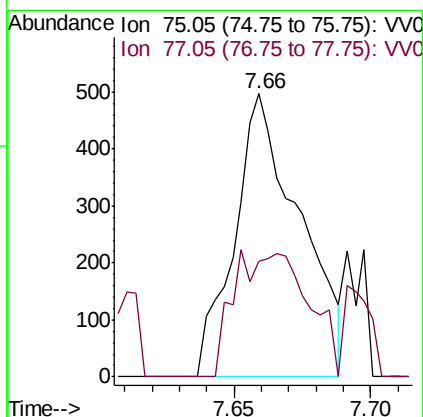
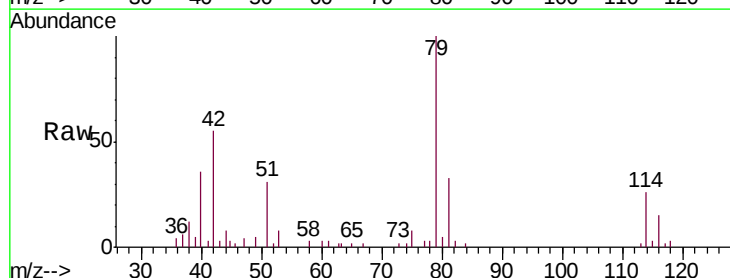
Instrument :
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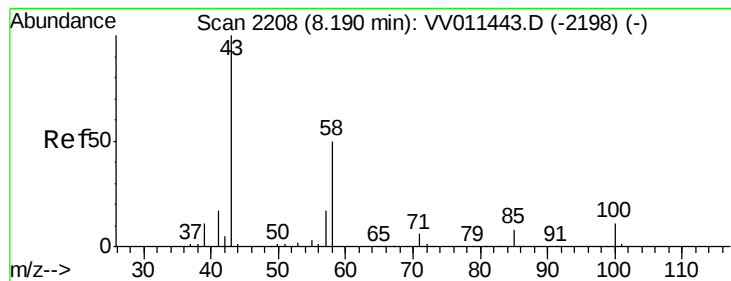
Tgt Ion: 75 Resp: 1319
 Ion Ratio Lower Upper
 75 100
 77 47.3 22.2 41.2#



#44
 trans-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.66 min Scan# 2043
 Delta R.T. -0.04 min
 Lab File: VV011450.D
 Acq: 13 Jun 2019 07:32

Tgt Ion: 75 Resp: 824
 Ion Ratio Lower Upper
 75 100
 77 40.6 23.1 42.9





#48
 2-Hexanone
 Concen: 2.656 ug/L
 RT: 8.14 min Scan# 2191
 Delta R.T. -0.05 min
 Lab File: VV011450.D
 Acq: 13 Jun 2019 07:32

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCT7

Tgt Ion:	43	Resp:	10764
Ion	Ratio	Lower	Upper
43	100		
58	31.6	41.4	62.0#
57	30.2	15.0	22.4#
100	0.9	9.0	13.4#

