

Data File : VV012144.D
Acq On : 09 Aug 2019 00:51
Operator : SY/MD
Sample : K4214-02
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JZ5

Quant Time: Aug 09 06:50:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 09 06:44:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	109004	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	103213	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	54840	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21551	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.58	69	17058	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.13	63	22656	2.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.40%#
20) 2-Butanone-d5	3.95	46	65137	54.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.80%
24) Chloroform-d	4.40	84	68104	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.08	65	37305	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.09	84	128789	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.12	67	32910	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.36	98	124289	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.66	79	17191	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.13	63	57563	51.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.42%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	27404	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	53338	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

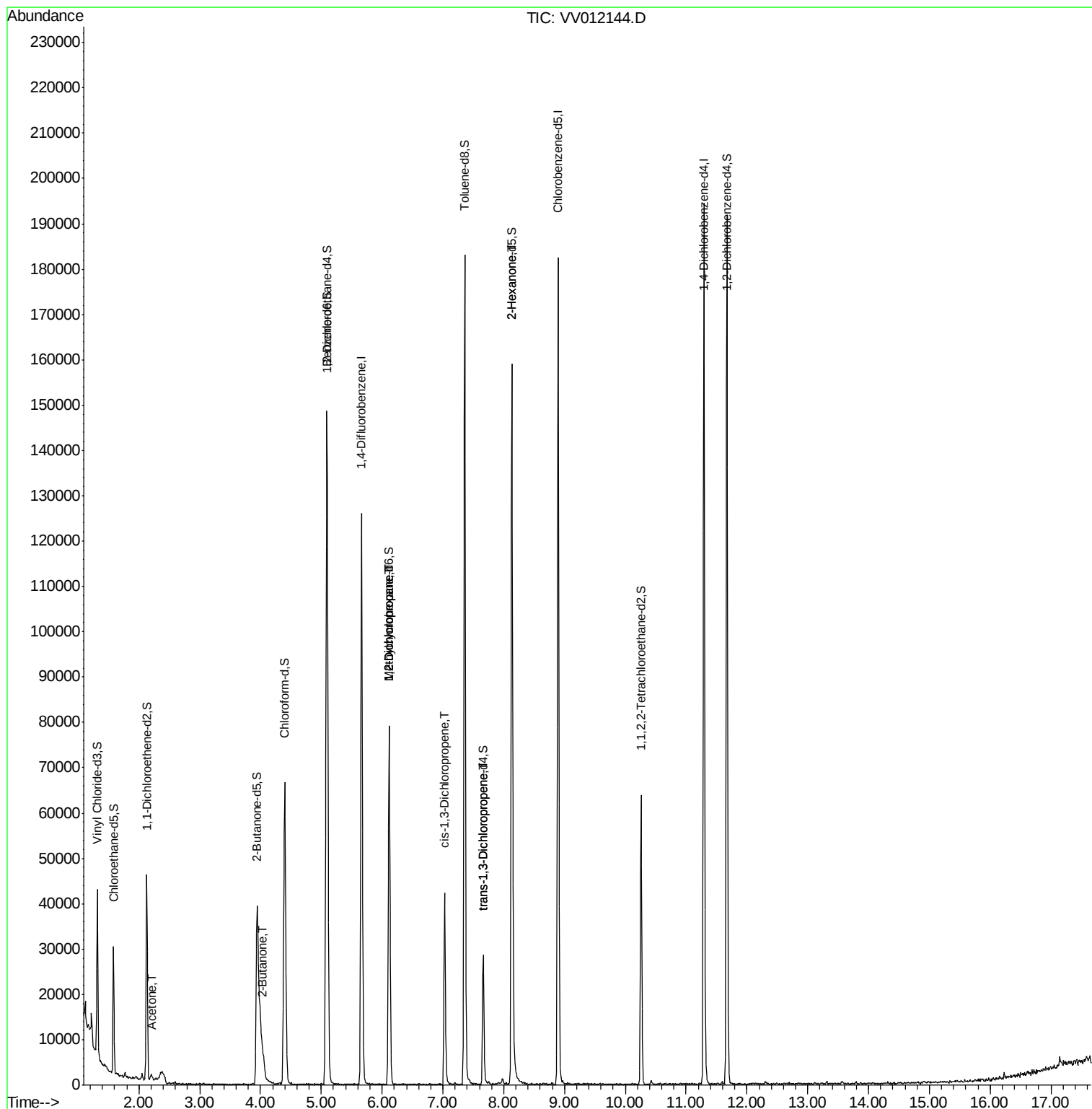
					Qvalue	
13) Acetone	2.20	43	1634	2.319	ug/L	88
21) 2-Butanone	4.04	43	6599	5.420	ug/L #	64
35) Methylcyclohexane	6.12	83	9939	0.855	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	4563	0.835	ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	1139	0.115	ug/L	91
44) trans-1,3-Dichloropropene	7.66	75	608	0.076	ug/L #	66
48) 2-Hexanone	8.13	43	6805	3.120	ug/L #	73

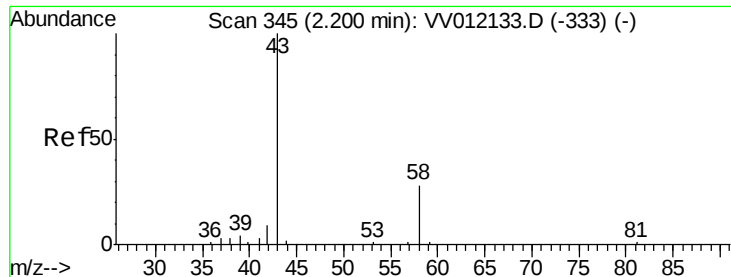
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.319 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.00 min

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MSVOA_V

ClientSampleId :

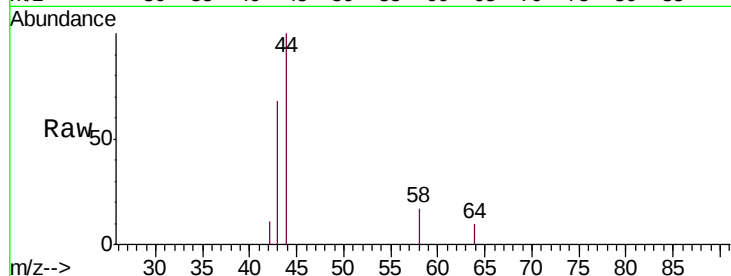
C0JZ5

Tgt Ion: 43 Resp: 1634

Ion Ratio Lower Upper

43 100

58 21.3 0.0 54.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.20

800

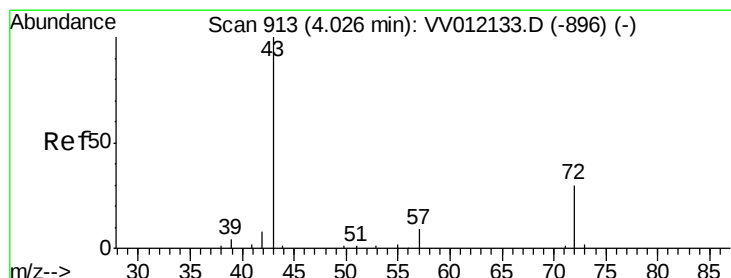
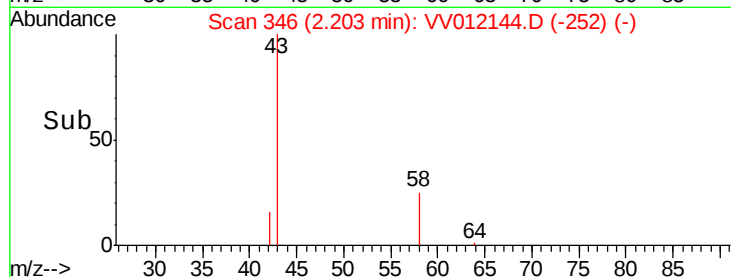
600

400

200

0

Time-->



#21

2-Butanone

Concen: 5.420 ug/L

RT: 4.04 min Scan# 916

Delta R.T. 0.01 min

Lab File: VV012144.D

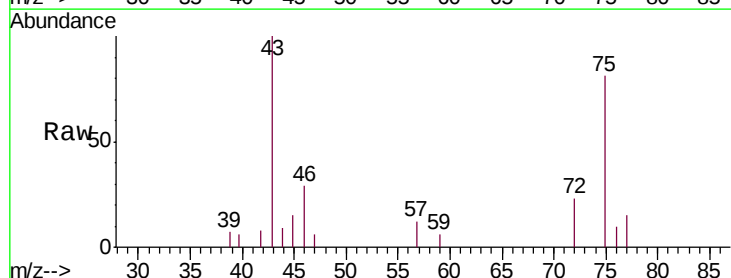
Acq: 09 Aug 2019 00:51

Tgt Ion: 43 Resp: 6599

Ion Ratio Lower Upper

43 100

72 9.9 14.8 44.3#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0

4.04

2500

2000

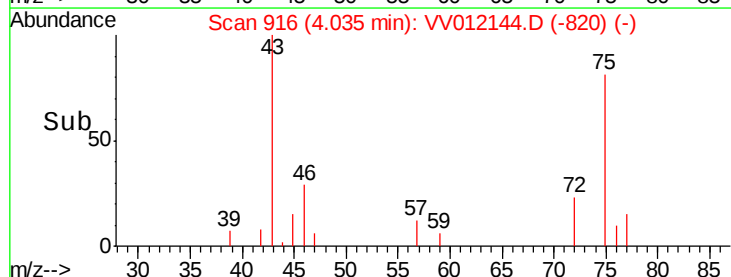
1500

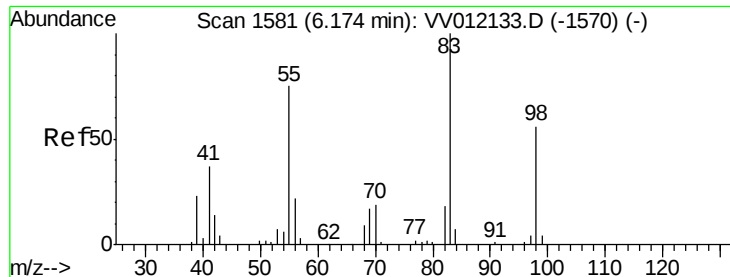
1000

500

0

Time-->





#35

Methylcyclohexane

Concen: 0.855 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

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Instrument :

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C0JZ5

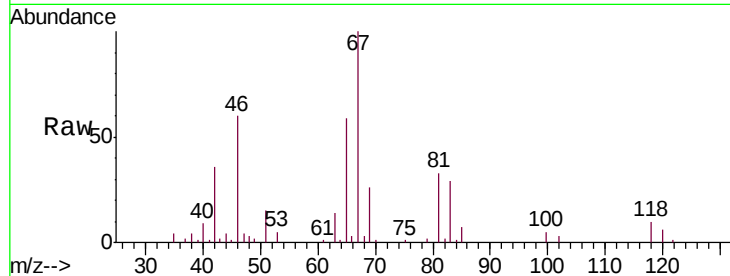
Tgt Ion: 83 Resp: 9939

Ion Ratio Lower Upper

83 100

55 0.0 55.0 82.6#

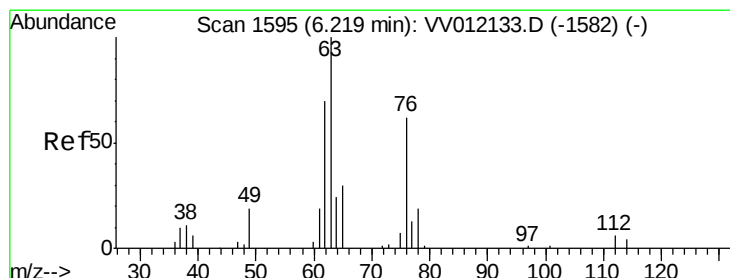
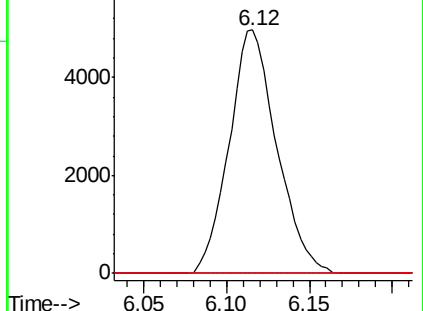
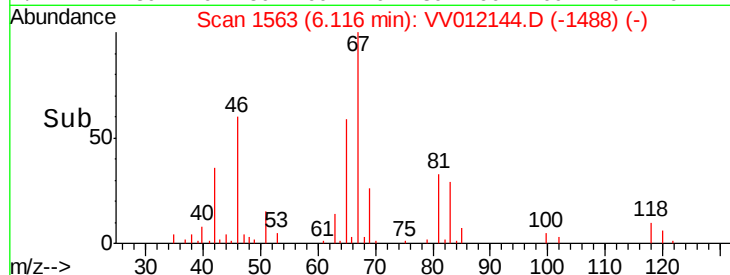
98 0.0 40.4 60.6#



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: 0.835 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV012144.D

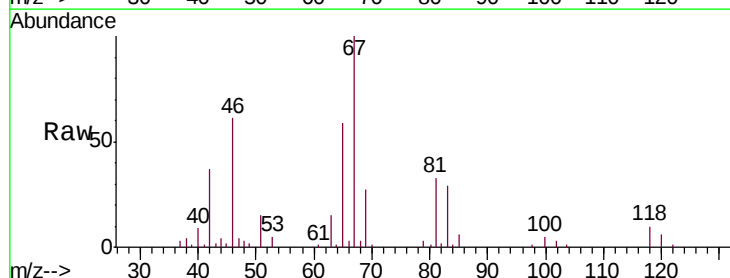
Acq: 09 Aug 2019 00:51

Tgt Ion: 63 Resp: 4563

Ion Ratio Lower Upper

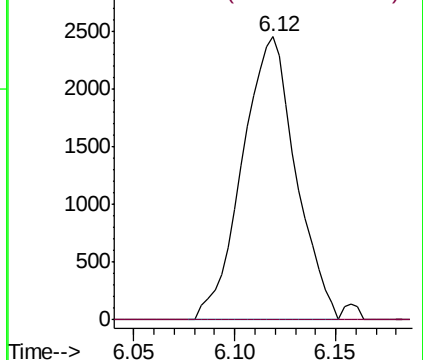
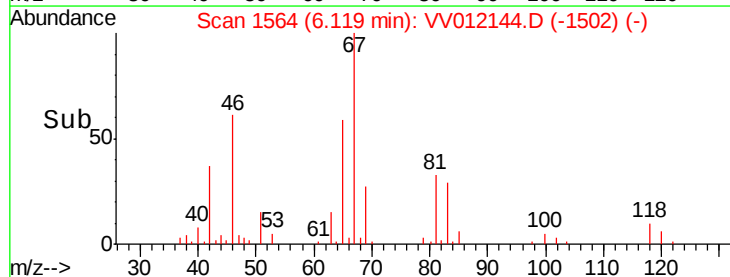
63 100

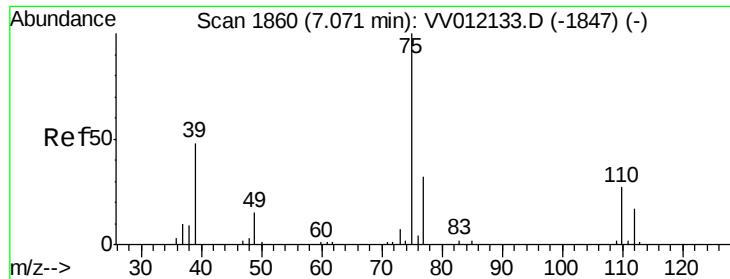
112 0.0 3.9 5.9#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

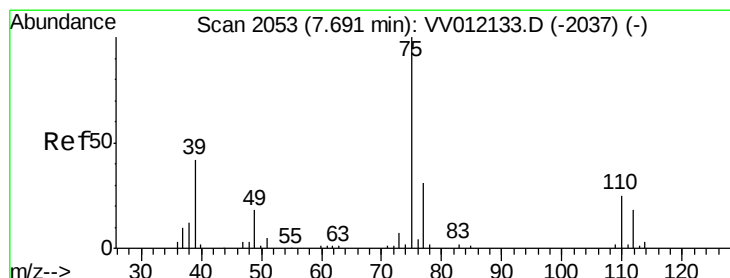
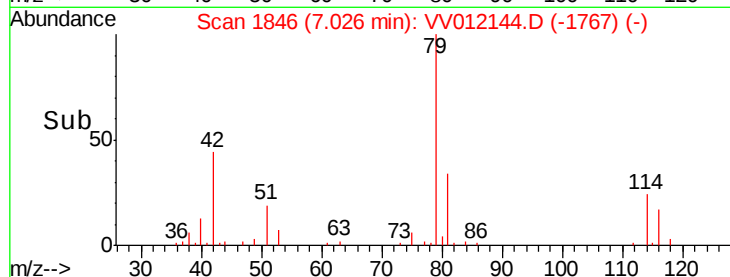
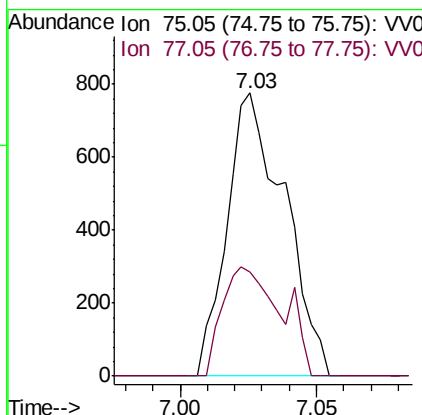
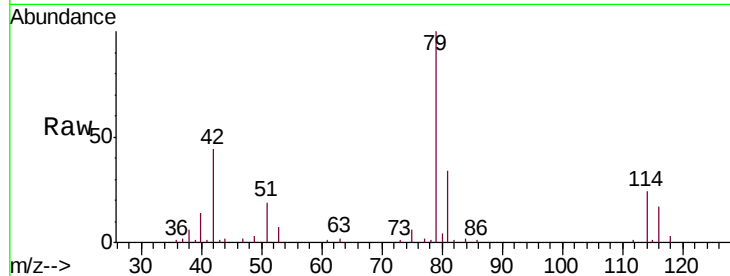




#39
 cis-1,3-Dichloropropene
 Concen: 0.115 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.05 min
 Lab File: VV012144.D
 Acq: 09 Aug 2019 00:51

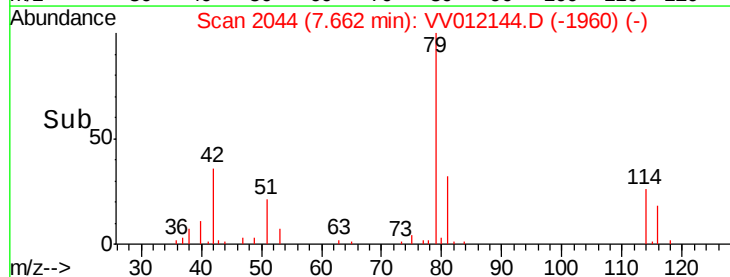
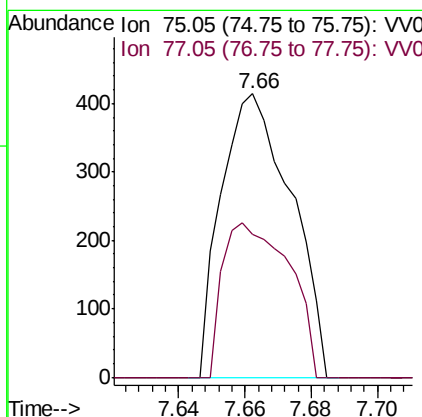
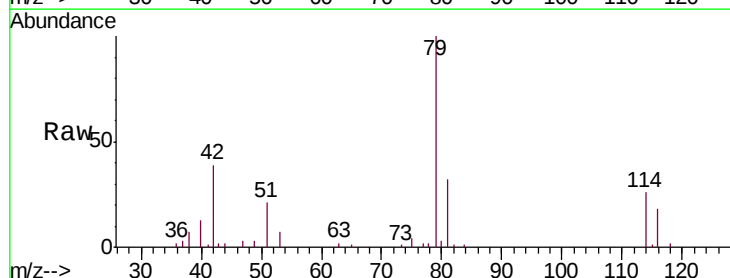
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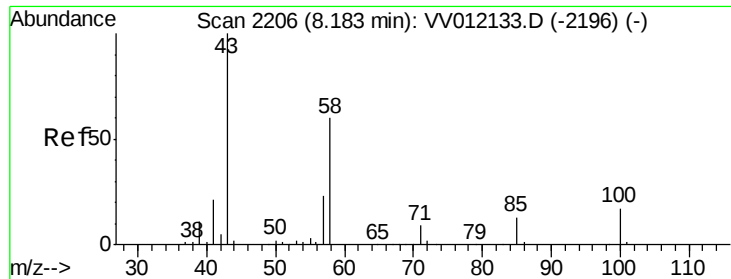
Tgt Ion: 75 Resp: 1139
 Ion Ratio Lower Upper
 75 100
 77 37.0 22.5 41.7



#44
 trans-1,3-Dichloropropene
 Concen: 0.076 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV012144.D
 Acq: 09 Aug 2019 00:51

Tgt Ion: 75 Resp: 608
 Ion Ratio Lower Upper
 75 100
 77 50.2 22.0 41.0#





#48
 2-Hexanone
 Concen: 3.120 ug/L
 RT: 8.13 min Scan# 2190
 Delta R.T. -0.05 min
 Lab File: VV012144.D
 Acq: 09 Aug 2019 00:51

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JZ5

Tgt Ion:	43	Resp:	6805
Ion	Ratio	Lower	Upper
43	100		
58	35.0	46.4	69.6#
57	26.5	17.7	26.5#
100	0.0	12.9	19.3#

