

Data File : VV012663.D
Acq On : 10 Sep 2019 18:16
Operator : SY/MD
Sample : K4809-01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFDB8

Quant Time: Sep 11 05:27:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 11 05:21:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	370405	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	372309	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	149756	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93325	3.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.20%
7) Chloroethane-d5	1.58	69	83179	4.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.00%
11) 1,1-Dichloroethene-d2	2.13	63	116918	2.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.60%#
20) 2-Butanone-d5	3.95	46	301898	49.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.86%
24) Chloroform-d	4.40	84	186569	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
26) 1,2-Dichloroethane-d4	5.08	65	100285	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.10	84	347723	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.20%
36) 1,2-Dichloropropane-d6	6.12	67	118225	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.80%
41) Toluene-d8	7.36	98	264867	3.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.40%#
43) trans-1,3-Dichloropropene-	7.66	79	37077	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.14	63	135600	36.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	82956	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	114987	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

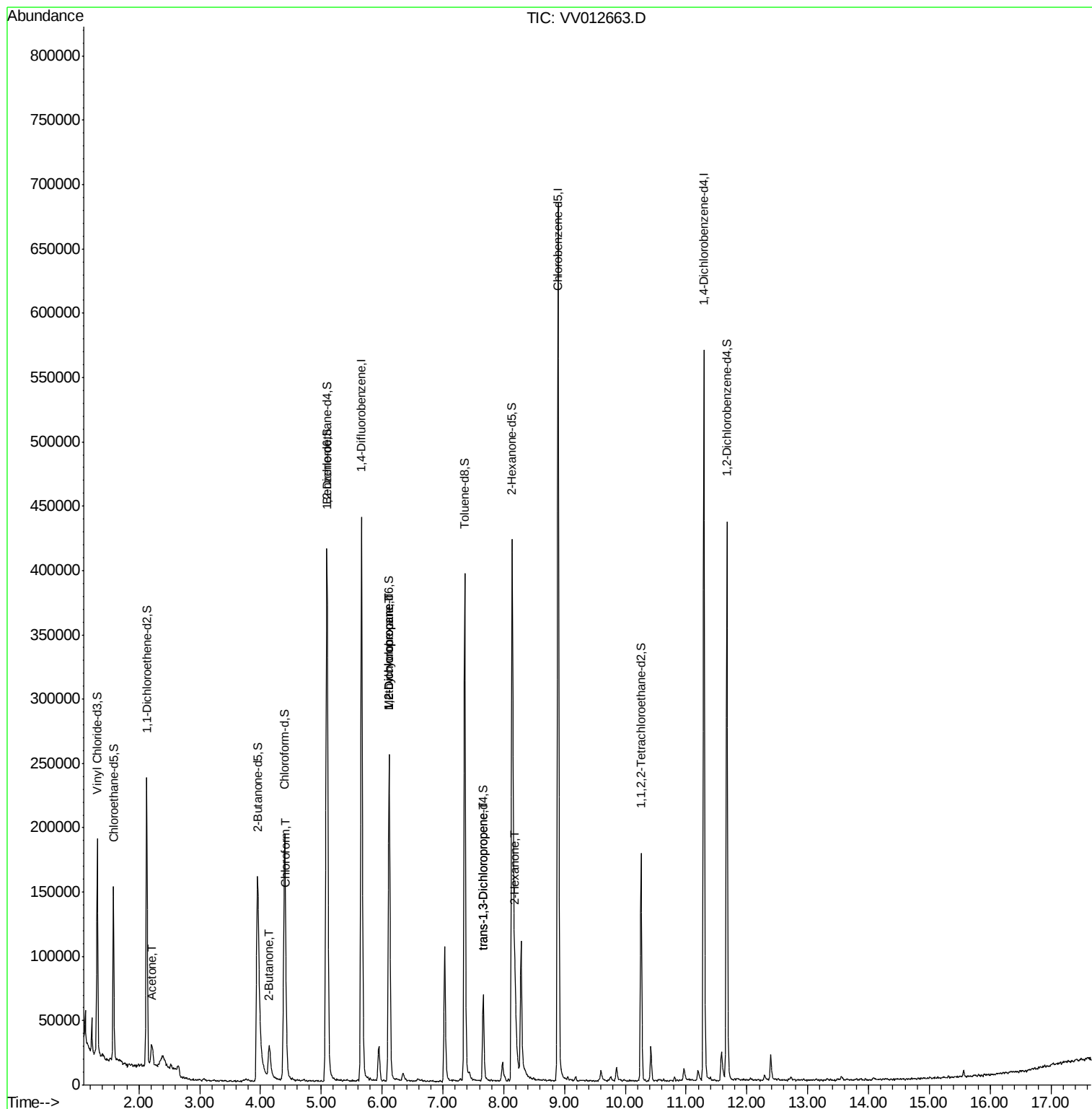
						Qvalue
13) Acetone	2.21	43	20308	5.730	ug/L	93
21) 2-Butanone	4.14	43	40804	6.714	ug/L #	50
25) Chloroform	4.42	83	6417	0.120	ug/L	98
35) Methylcyclohexane	6.12	83	28603	0.673	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	13301	0.491	ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	1505	0.056	ug/L #	62
48) 2-Hexanone	8.19	43	44561	4.145	ug/L #	85

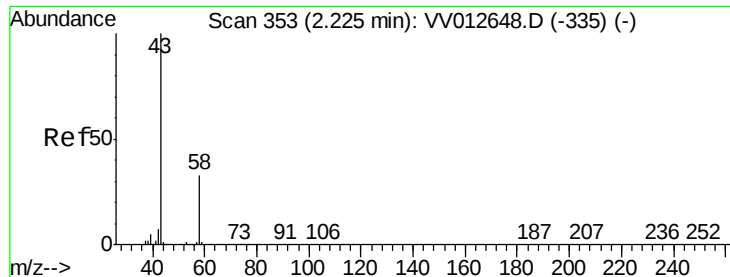
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 5.730 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.02 min

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MSVOA_V

ClientSampleId :

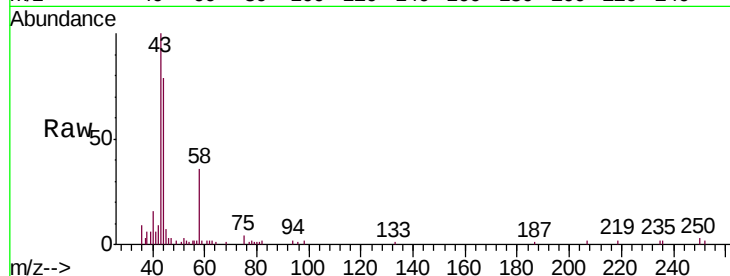
BFDB8

Tgt Ion: 43 Resp: 20308

Ion Ratio Lower Upper

43 100

58 37.6 0.0 67.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.21

10000

8000

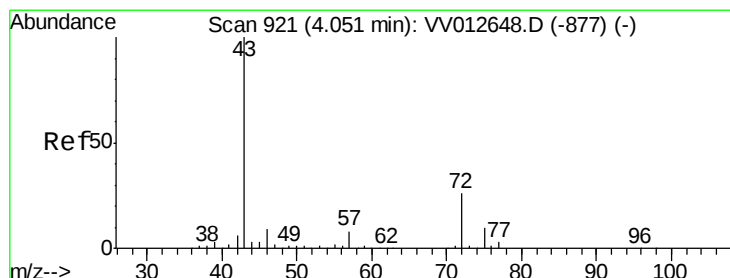
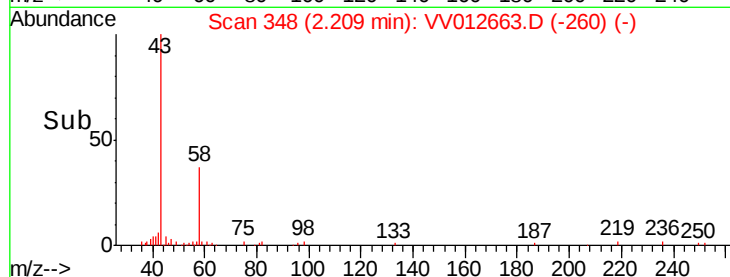
6000

4000

2000

0

Time--> 2.10 2.15 2.20 2.25 2.30



#21

2-Butanone

Concen: 6.714 ug/L

RT: 4.14 min Scan# 949

Delta R.T. 0.09 min

Lab File: VV012663.D

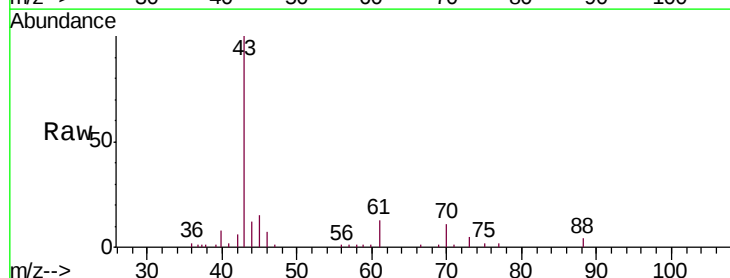
Acq: 10 Sep 2019 18:16

Tgt Ion: 43 Resp: 40804

Ion Ratio Lower Upper

43 100

72 0.6 13.0 38.9#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0

4.14

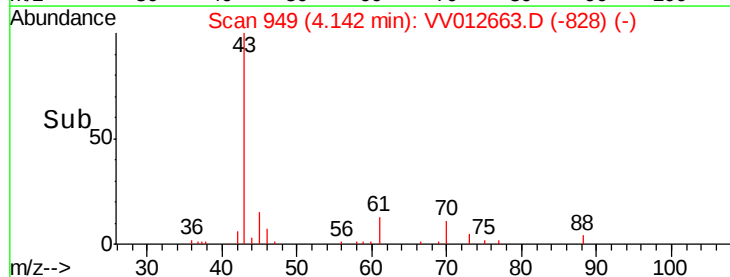
15000

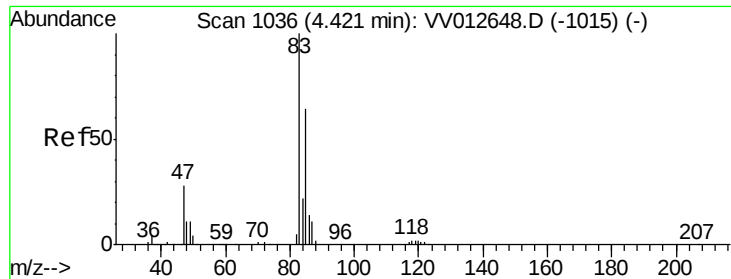
10000

5000

0

Time--> 4.05 4.10 4.15 4.20 4.25





#25

Chloroform

Concen: 0.120 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

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Acq: 10 Sep 2019 18:16

Instrument :

MSVOA_V

ClientSampleId :

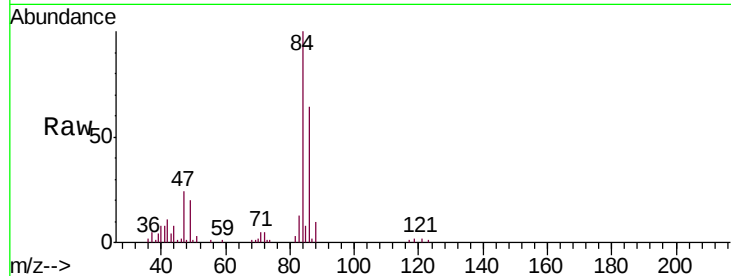
BFDB8

Tgt Ion: 83 Resp: 6417

Ion Ratio Lower Upper

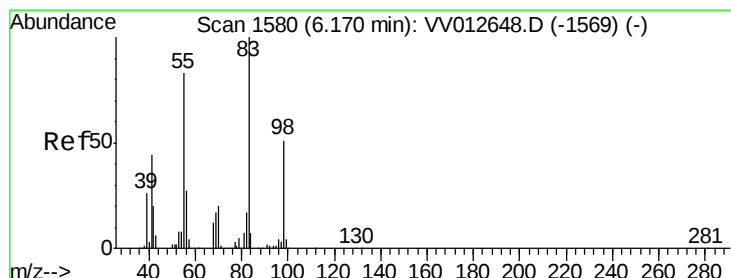
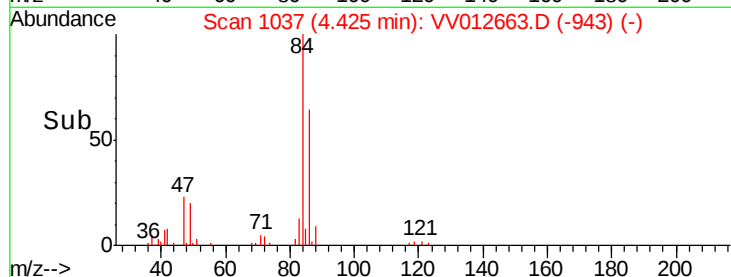
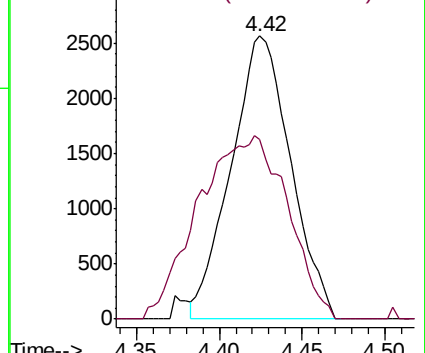
83 100

85 63.3 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#35

Methylcyclohexane

Concen: 0.673 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV012663.D

Acq: 10 Sep 2019 18:16

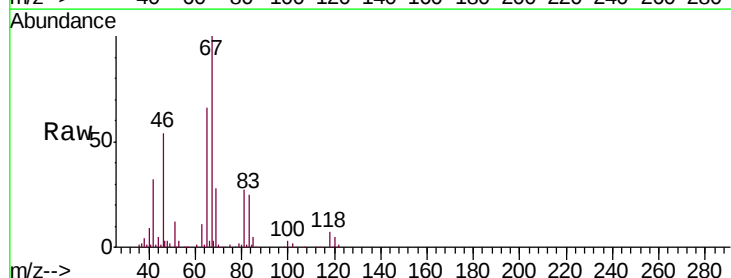
Tgt Ion: 83 Resp: 28603

Ion Ratio Lower Upper

83 100

55 0.6 63.0 94.4#

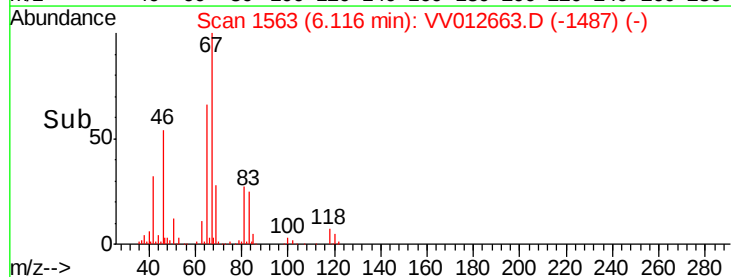
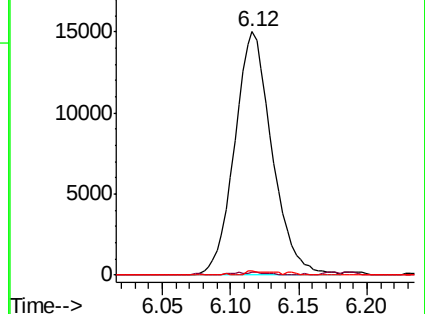
98 0.8 39.8 59.8#

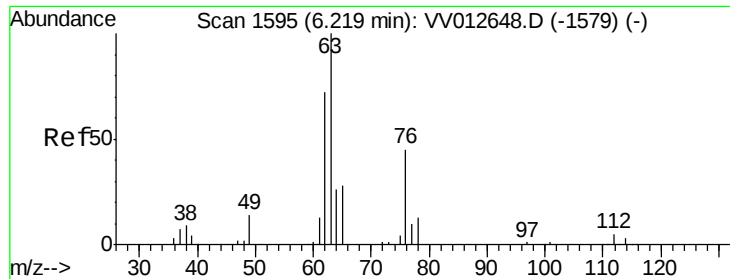


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

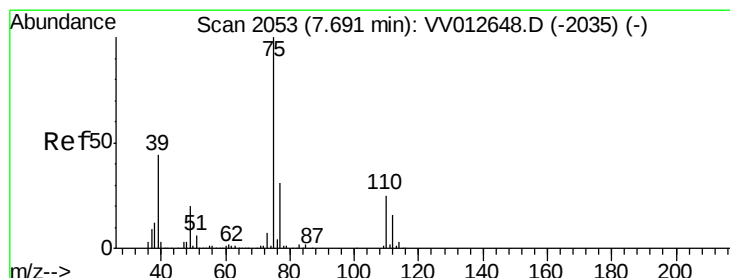
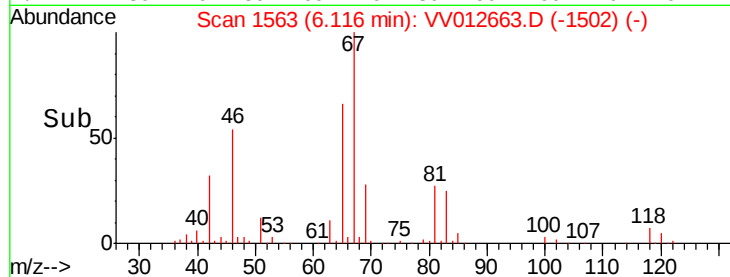
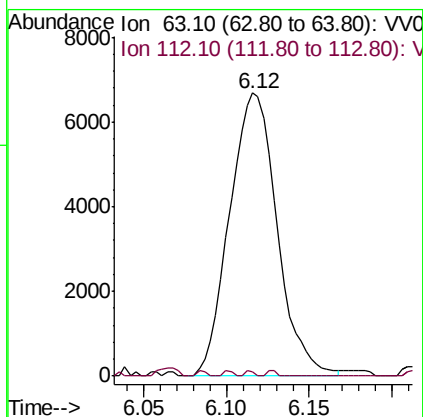
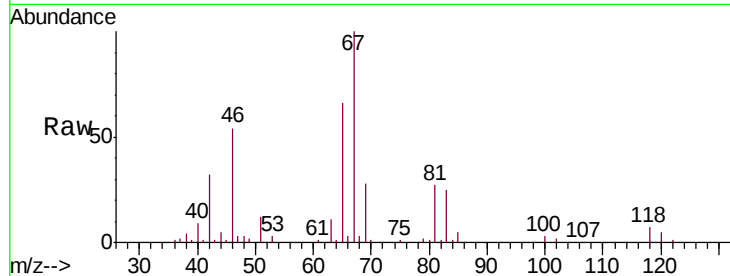




#37
 1,2-Dichloropropane
 Concen: 0.491 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV012663.D
 Acq: 10 Sep 2019 18:16

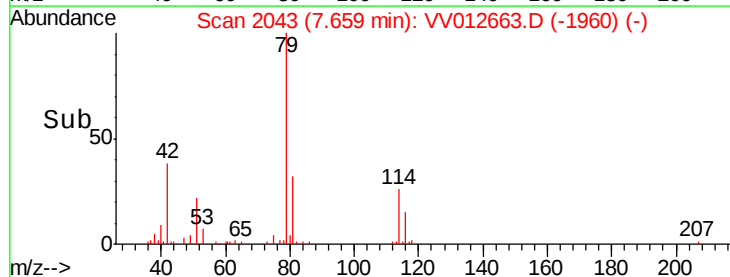
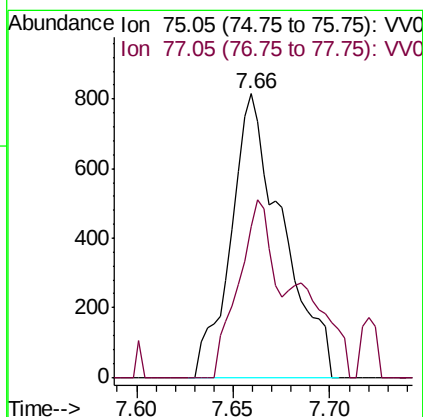
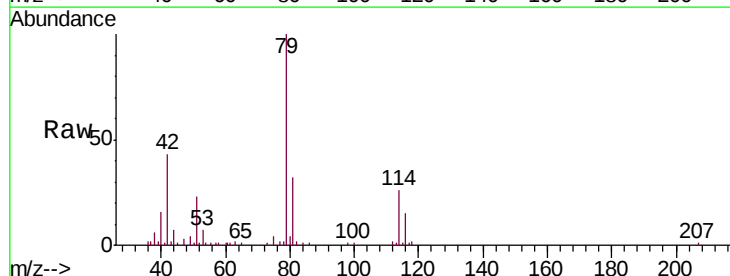
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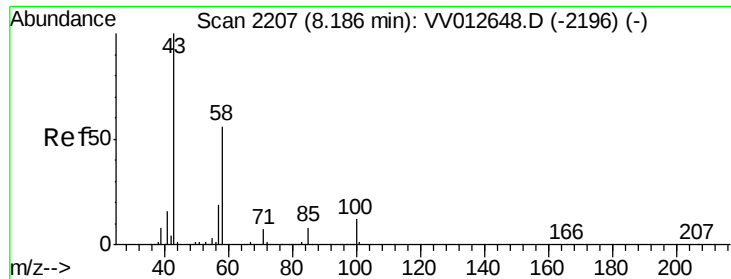
Tgt Ion: 63 Resp: 13301
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.8 5.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.056 ug/L
 RT: 7.66 min Scan# 2043
 Delta R.T. -0.03 min
 Lab File: VV012663.D
 Acq: 10 Sep 2019 18:16

Tgt Ion: 75 Resp: 1505
 Ion Ratio Lower Upper
 75 100
 77 53.0 22.4 41.6#





#48
 2-Hexanone
 Concen: 4.145 ug/L
 RT: 8.19 min Scan# 2207
 Delta R.T. 0.00 min
 Lab File: VV012663.D
 Acq: 10 Sep 2019 18:16

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDB8

Tgt Ion: 43 Resp: 44561
 Ion Ratio Lower Upper
 43 100
 58 44.7 44.8 67.2#
 57 12.0 14.9 22.3#
 100 8.0 9.8 14.8#

