

Data File : VV012291.D
Acq On : 19 Aug 2019 21:46
Operator : SY/MD
Sample : K4373-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Aug 20 02:39:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 20 02:35:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	149065	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	142474	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	73130	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29263	3.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.80%
7) Chloroethane-d5	1.58	69	22773	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.13	63	42481	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	3.95	46	104561	50.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.84%
24) Chloroform-d	4.40	84	86609	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
26) 1,2-Dichloroethane-d4	5.08	65	47643	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	5.10	84	164974	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.12	67	50512	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.36	98	156105	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	7.66	79	20865	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.14	63	78846	54.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39559	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	69518	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

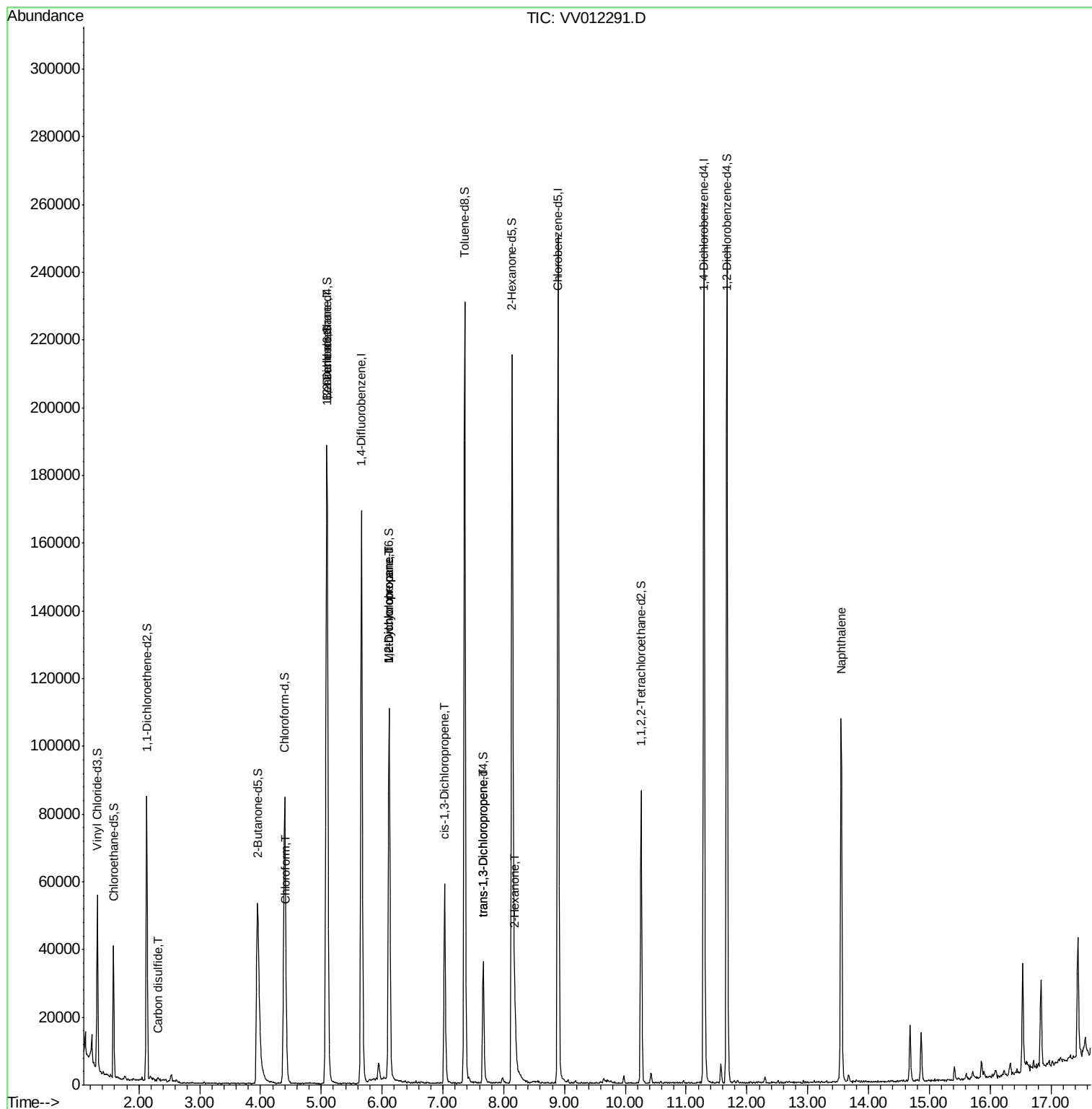
Target Compounds

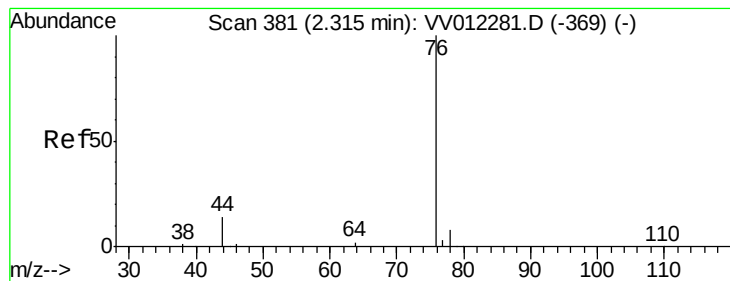
					Qvalue
14) Carbon disulfide	2.32	76	810	0.043 ug/L #	72
25) Chloroform	4.43	83	4649	0.216 ug/L	78
27) 1,2-Dichloroethane	5.09	62	1154	0.094 ug/L #	74
35) Methylcyclohexane	6.12	83	13719	0.793 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	5918	0.642 ug/L #	81
39) cis-1,3-Dichloropropene	7.03	75	1380	0.094 ug/L #	62
44) trans-1,3-Dichloropropene	7.66	75	880	0.075 ug/L	92
48) 2-Hexanone	8.19	43	9492	2.724 ug/L #	88
69) Naphthalene	13.55	128	92774	4.543 ug/L	99

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

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Aug 20 02:39:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 20 02:35:23 2019
Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.043 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

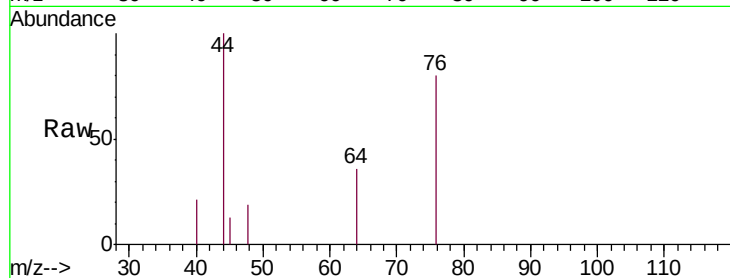
VHBLK01

Tgt Ion: 76 Resp: 810

Ion Ratio Lower Upper

76 100

78 0.0 8.3 12.5#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.32

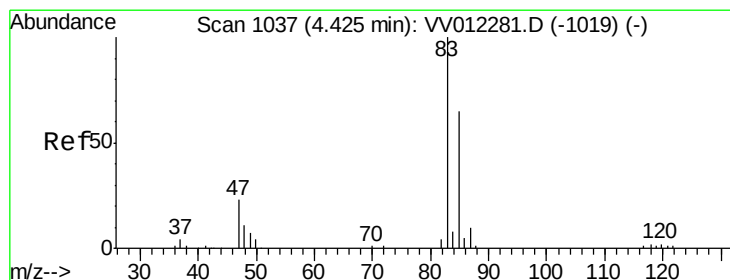
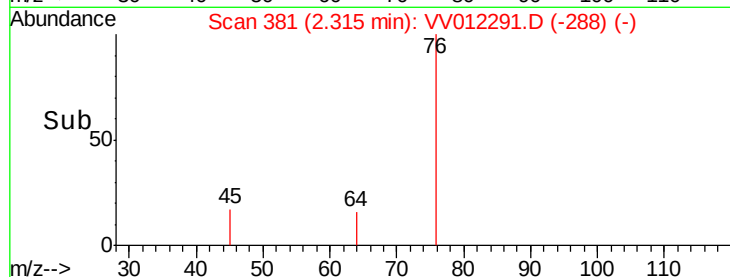
600

400

200

0

Time-->



#25

Chloroform

Concen: 0.216 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

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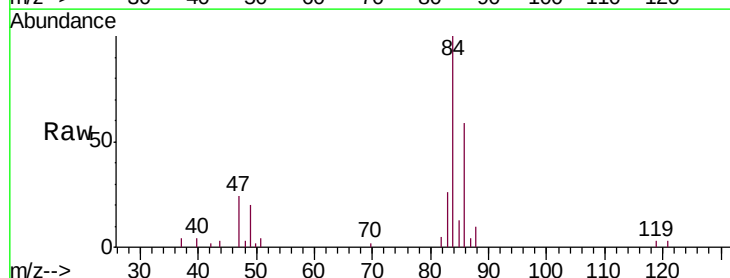
Acq: 19 Aug 2019 21:46

Tgt Ion: 83 Resp: 4649

Ion Ratio Lower Upper

83 100

85 48.6 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.43

2000

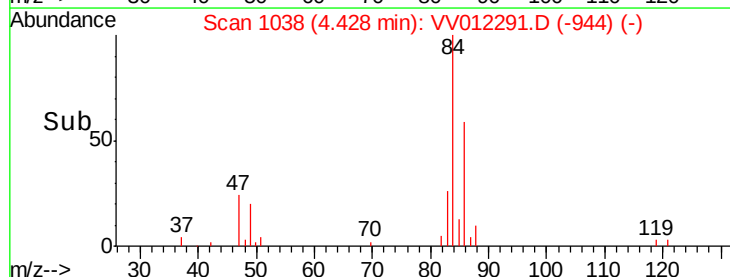
1500

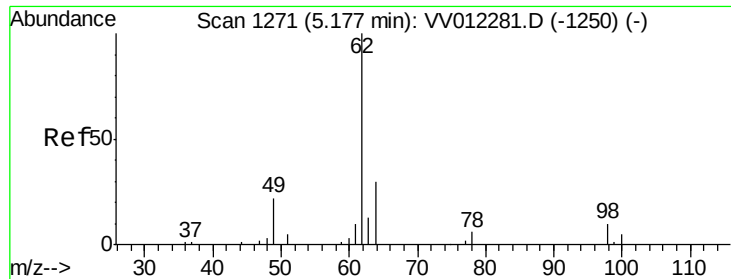
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500

0

Time-->

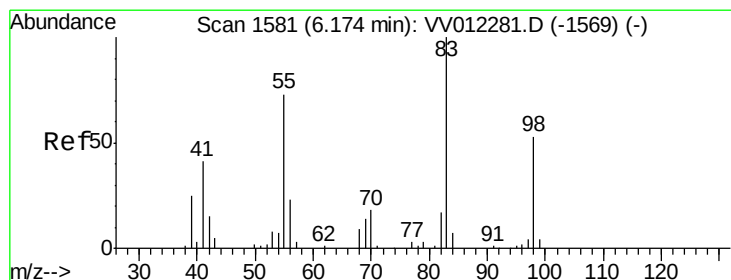
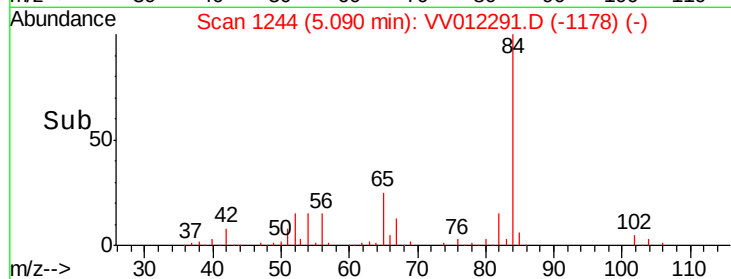
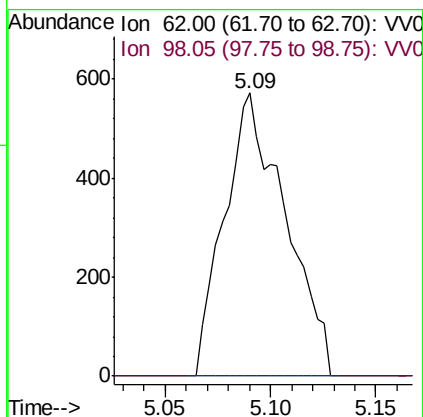
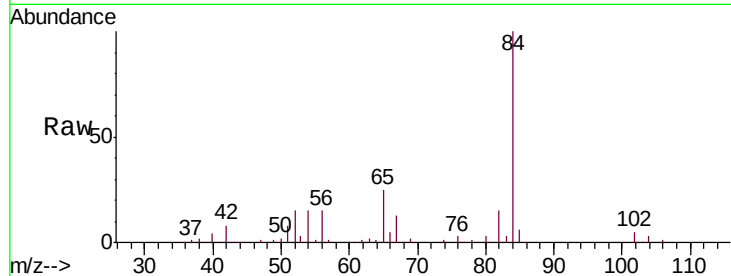




#27
 1,2-Dichloroethane
 Concen: 0.094 ug/L
 RT: 5.09 min Scan# 1244
 Delta R.T. -0.09 min
 Lab File: VV012291.D
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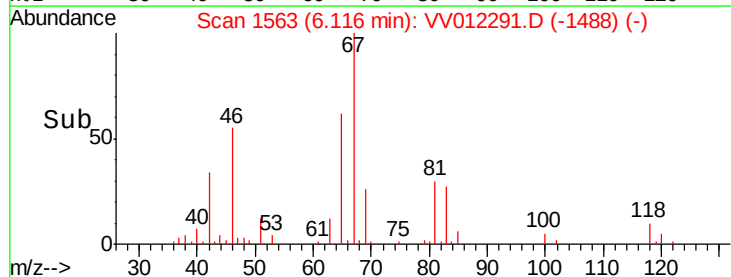
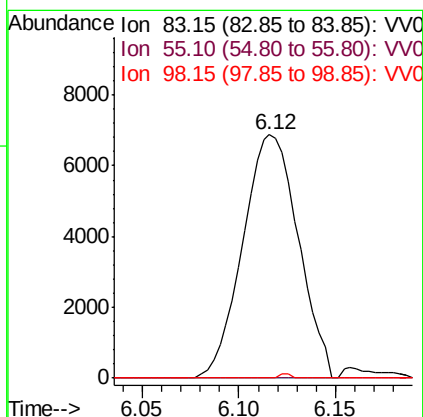
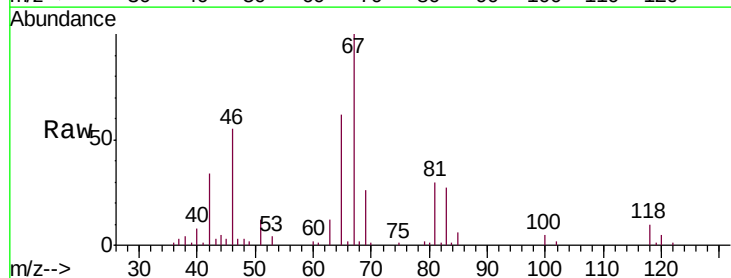
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

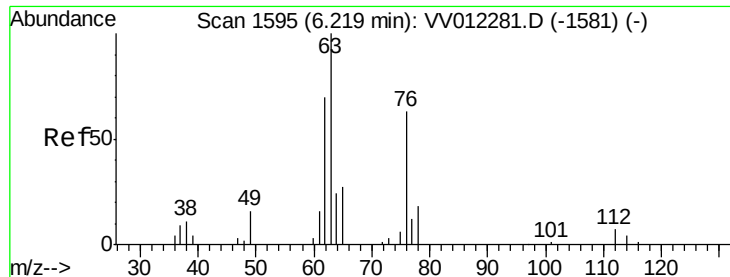
Tgt Ion: 62 Resp: 1154
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#35
 Methylcyclohexane
 Concen: 0.793 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.06 min
 Lab File: VV012291.D
 Acq: 19 Aug 2019 21:46

Tgt Ion: 83 Resp: 13719
 Ion Ratio Lower Upper
 83 100
 55 0.0 57.3 85.9#
 98 0.3 40.3 60.5#

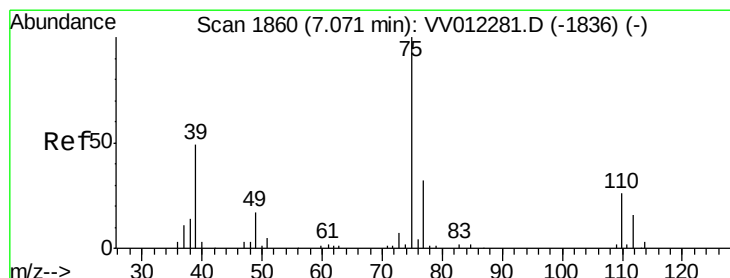
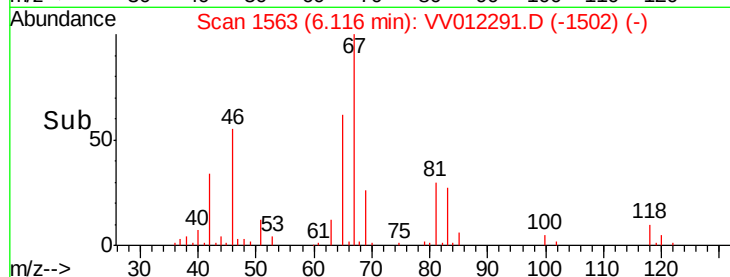
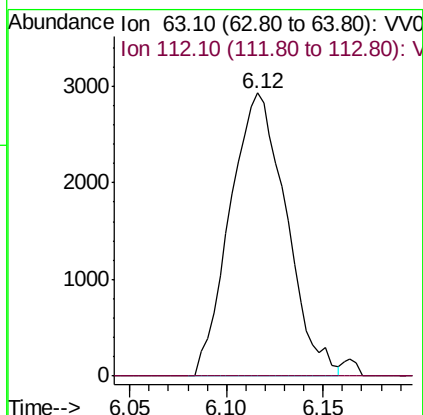
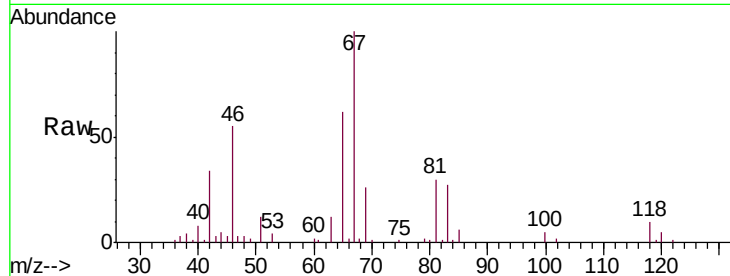




#37
 1,2-Dichloropropane
 Concen: 0.642 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV012291.D
 Acq: 19 Aug 2019 21:46

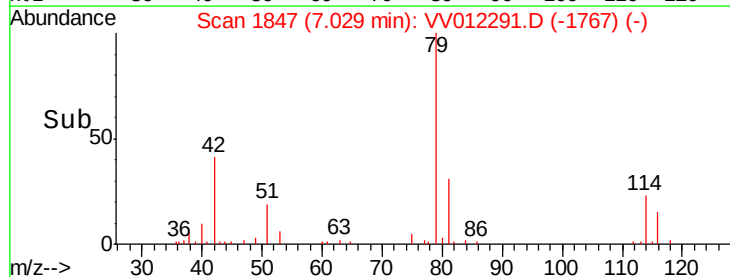
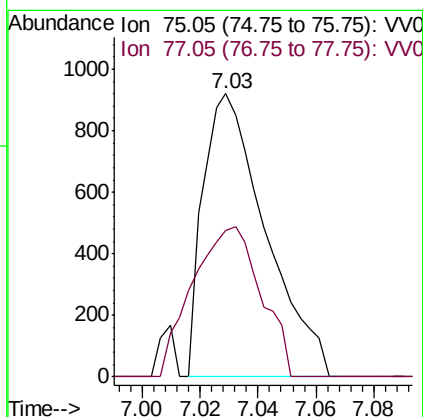
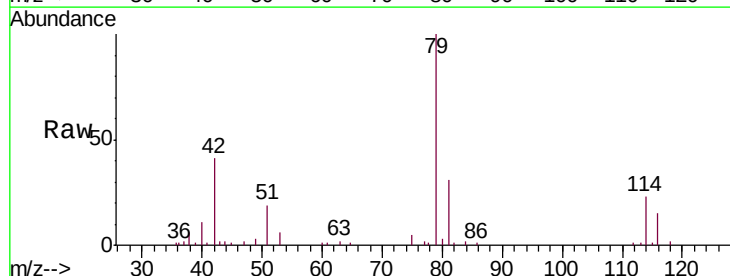
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

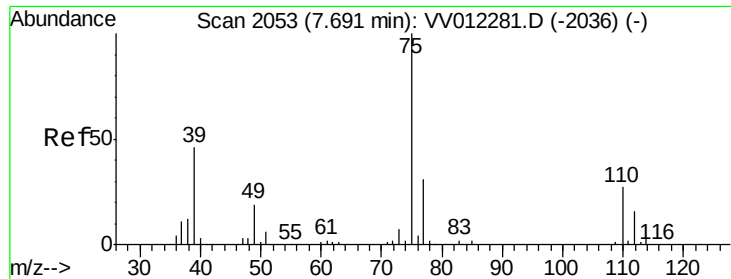
Tgt Ion: 63 Resp: 5918
 Ion Ratio Lower Upper
 63 100
 112 0.0 5.1 7.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012291.D
 Acq: 19 Aug 2019 21:46

Tgt Ion: 75 Resp: 1380
 Ion Ratio Lower Upper
 75 100
 77 51.7 21.5 39.9#

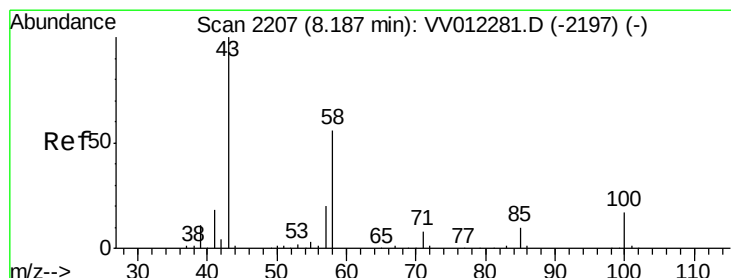
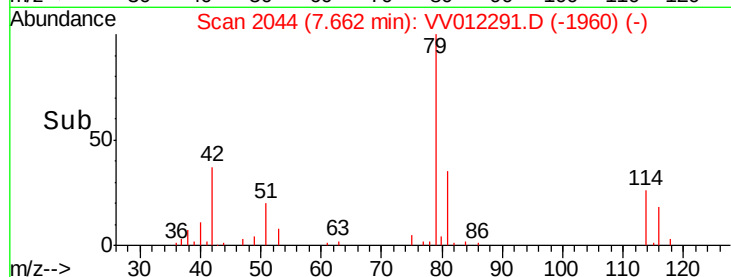
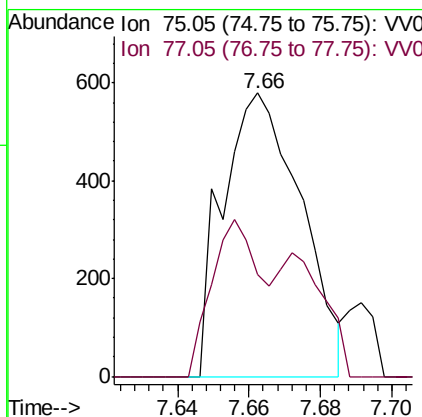
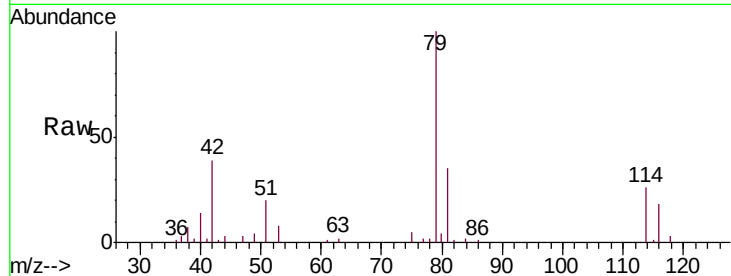




#44
trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012291.D
Acq: 19 Aug 2019 21:46

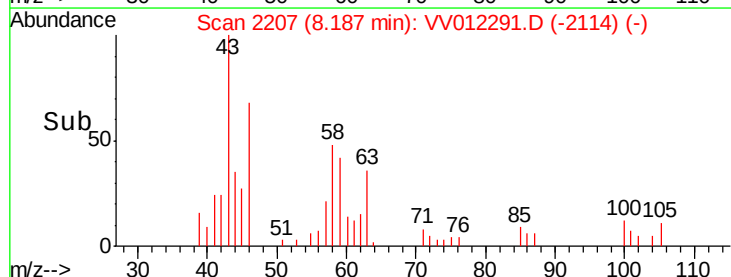
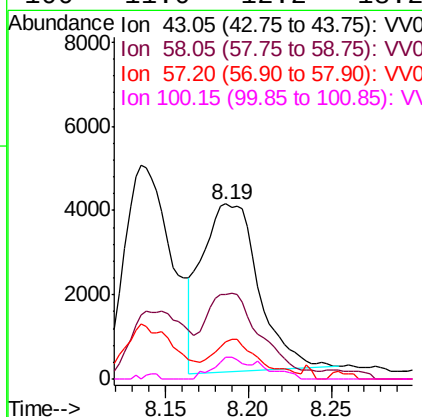
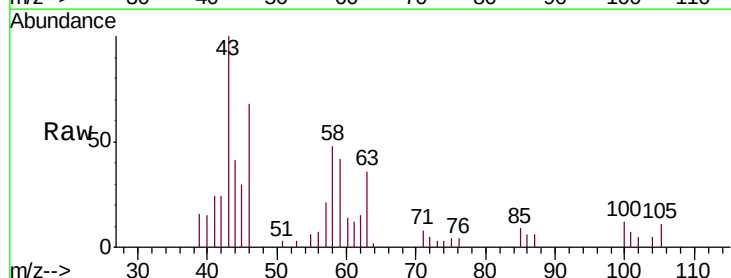
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

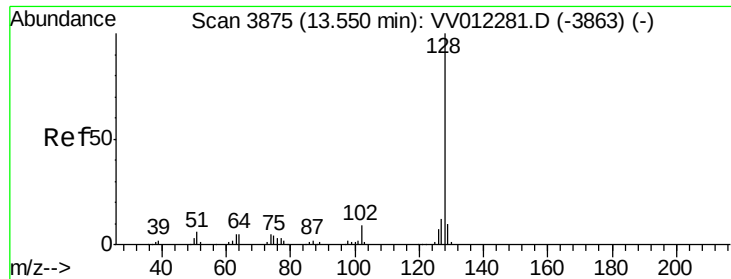
Tgt Ion: 75 Resp: 880
Ion Ratio Lower Upper
75 100
77 36.1 22.1 41.1



#48
2-Hexanone
Concen: 2.724 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. -0.00 min
Lab File: VV012291.D
Acq: 19 Aug 2019 21:46

Tgt Ion: 43 Resp: 9492
Ion Ratio Lower Upper
43 100
58 44.8 45.4 68.2#
57 19.4 16.8 25.2
100 11.0 12.2 18.2#





#69

Naphthalene

Concen: 4.543 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. -0.00 min

Lab File: VV012291.D

Acq: 19 Aug 2019 21:46

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

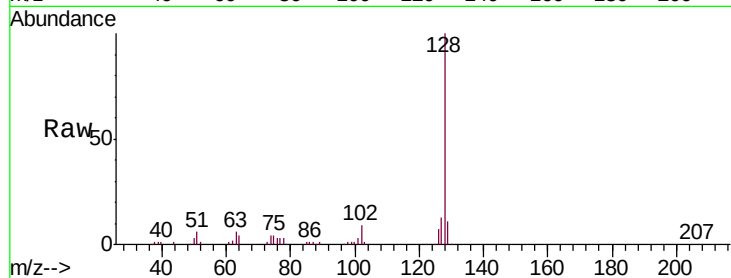
Tgt Ion:128 Resp: 92774

Ion Ratio Lower Upper

128 100

129 10.7 8.7 13.1

127 12.6 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

