

Data File : VV012290.D
Acq On : 19 Aug 2019 21:19
Operator : SY/MD
Sample : K4395-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF0

Quant Time: Aug 20 02:39:29 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	151241	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	146976	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	80474	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29093	3.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.20%
7) Chloroethane-d5	1.58	69	21616	3.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.60%
11) 1,1-Dichloroethene-d2	2.13	63	40508	2.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.20%#
20) 2-Butanone-d5	3.94	46	89255	42.84	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.68%
24) Chloroform-d	4.40	84	79693	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.20%
26) 1,2-Dichloroethane-d4	5.08	65	44560	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
32) Benzene-d6	5.10	84	149601	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.00%
36) 1,2-Dichloropropane-d6	6.12	67	42496	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.40%
41) Toluene-d8	7.36	98	140201	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
43) trans-1,3-Dichloropropene-	7.66	79	18170	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.14	63	67561	45.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.70%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34986	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	66639	4.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.40%

Target Compounds

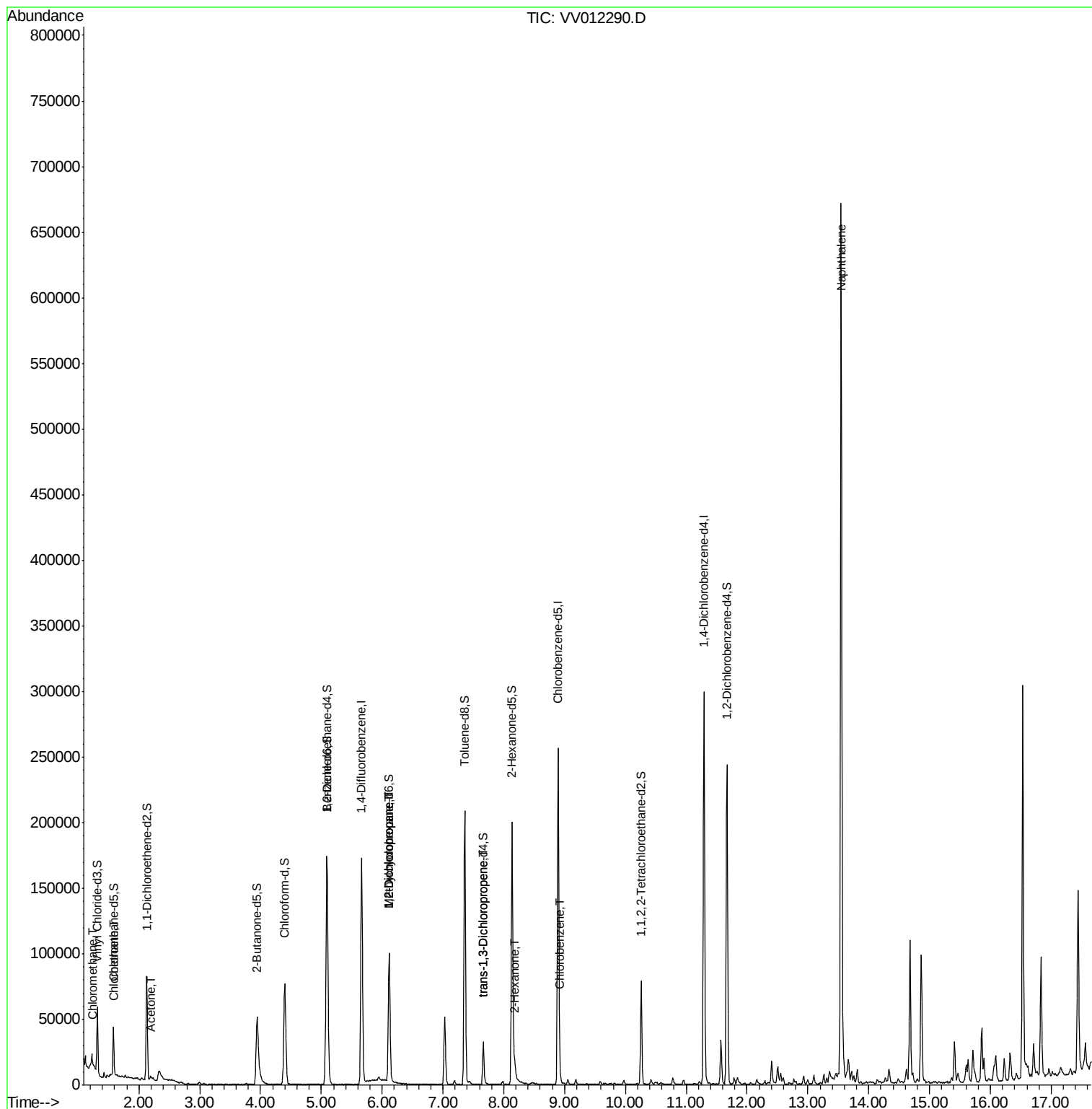
					Qvalue
3) Chloromethane	1.25	50	840	0.089 ug/L	87
8) Chloroethane	1.60	64	777	0.157 ug/L #	58
13) Acetone	2.20	43	3348	3.072 ug/L	74
35) Methylcyclohexane	6.12	83	11911	0.667 ug/L #	20
37) 1,2-Dichloropropane	6.11	63	5318	0.559 ug/L #	81
44) trans-1,3-Dichloropropene	7.67	75	944	0.078 ug/L	96
48) 2-Hexanone	8.18	43	6526	1.815 ug/L #	83
51) Chlorobenzene	8.93	112	2145	0.070 ug/L	93
69) Naphthalene	13.55	128	525265	23.375 ug/L	99

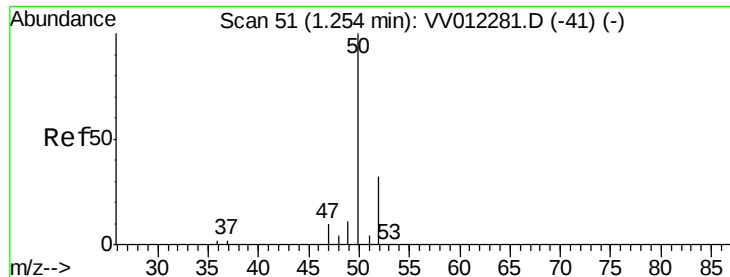
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.089 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV012290.D

Acq: 19 Aug 2019 21:19

Instrument :

MSVOA_V

ClientSampleId :

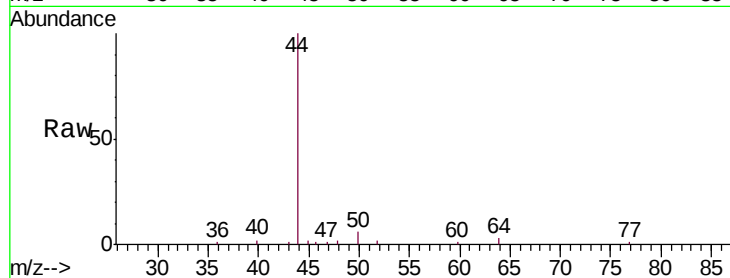
C0AF0

Tgt Ion: 50 Resp: 840

Ion Ratio Lower Upper

50 100

52 39.4 22.6 42.0



Abundance Ion 50.05 (49.75 to 50.75): VV012281.D (-41) (-)

Ion 52.05 (51.75 to 52.75): VV012290.D (-1) (-)

1.25

600

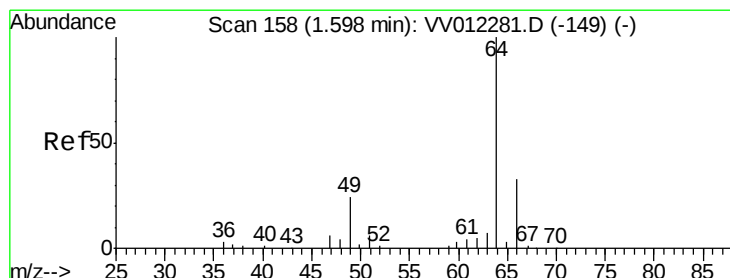
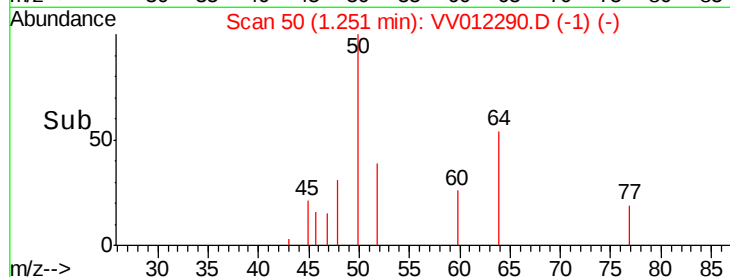
400

200

0

1.22 1.24 1.26 1.28

Time-->



#8

Chloroethane

Concen: 0.157 ug/L

RT: 1.60 min Scan# 158

Delta R.T. 0.00 min

Lab File: VV012290.D

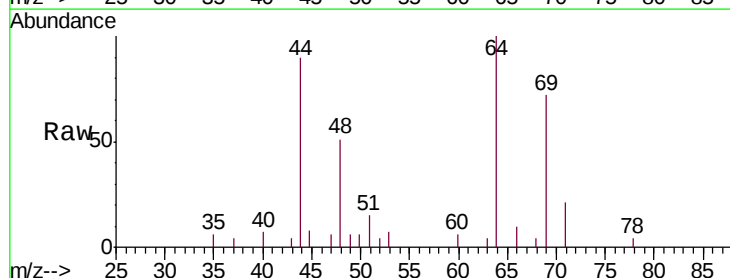
Acq: 19 Aug 2019 21:19

Tgt Ion: 64 Resp: 777

Ion Ratio Lower Upper

64 100

66 9.9 23.7 44.1#



Abundance Ion 64.10 (63.80 to 64.80): VV012281.D (-149) (-)

Ion 66.05 (65.75 to 66.75): VV012290.D (-65) (-)

1.60

3000

2500

2000

1500

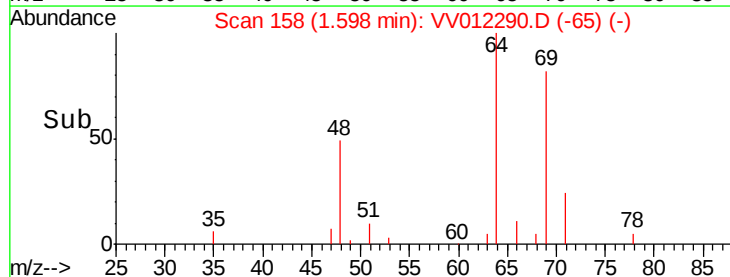
1000

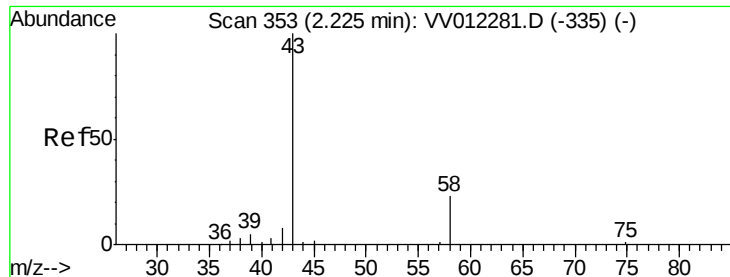
500

0

1.58 1.60

Time-->





#13

Acetone

Concen: 3.072 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.03 min

Lab File: VV012290.D

Acq: 19 Aug 2019 21:19

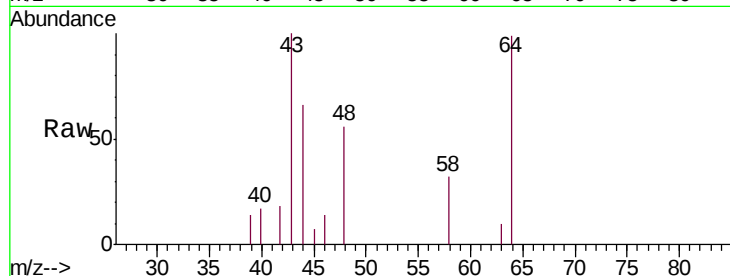
Instrument :
MSVOA_V
ClientSampleId :
C0AF0

Tgt Ion: 43 Resp: 3348

Ion Ratio Lower Upper

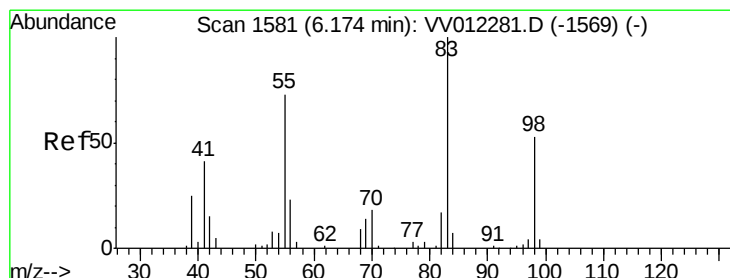
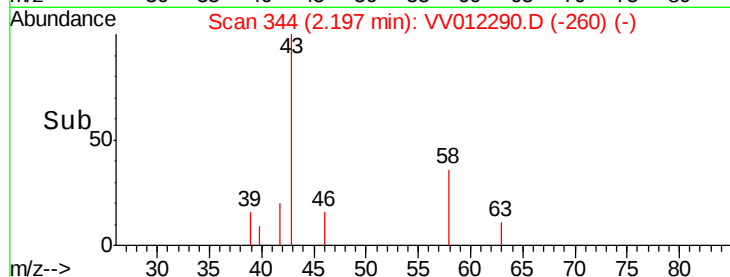
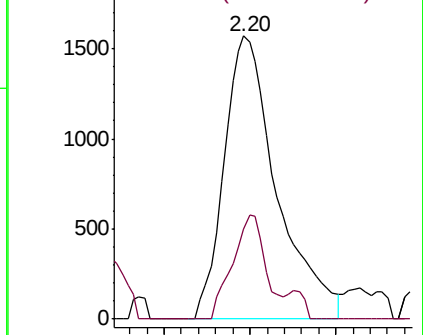
43 100

58 23.2 0.0 25.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#35

Methylcyclohexane

Concen: 0.667 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV012290.D

Acq: 19 Aug 2019 21:19

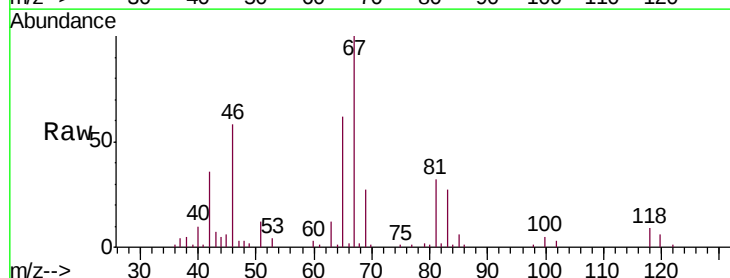
Tgt Ion: 83 Resp: 11911

Ion Ratio Lower Upper

83 100

55 1.0 57.3 85.9#

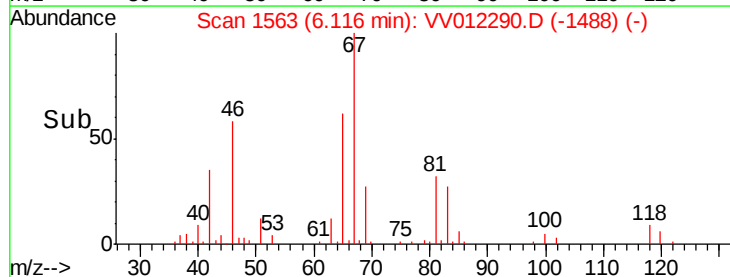
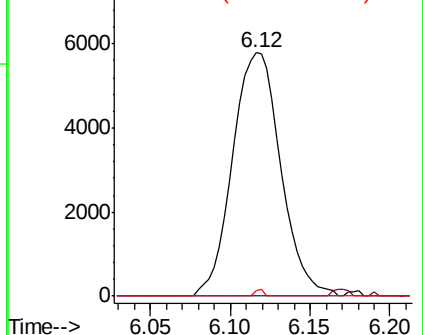
98 0.5 40.3 60.5#

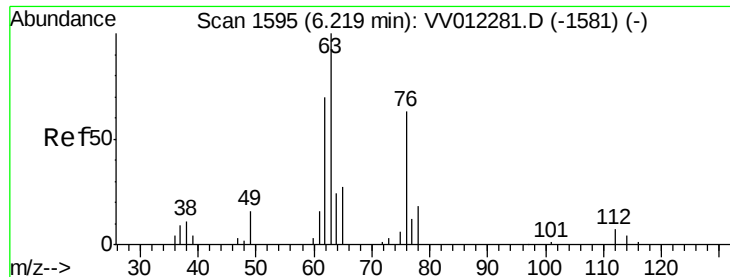


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

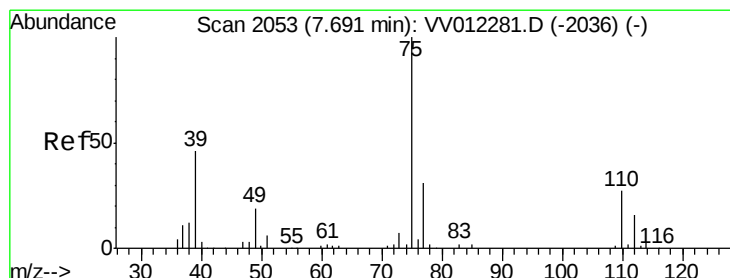
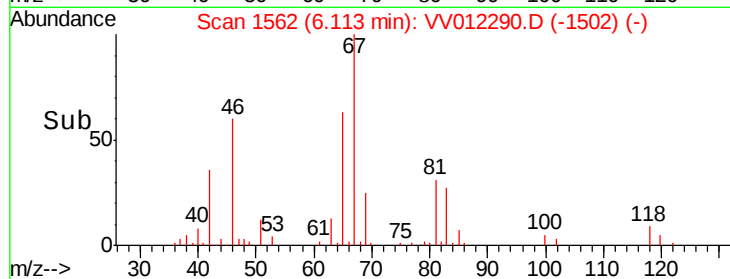
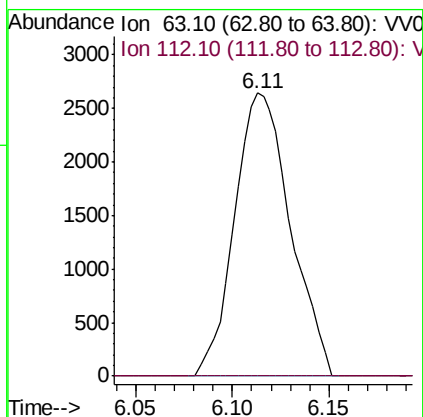
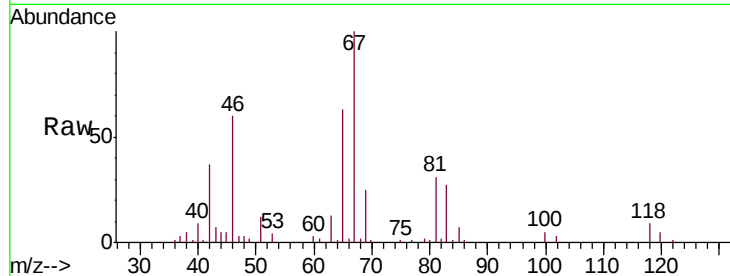




#37
 1,2-Dichloropropane
 Concen: 0.559 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV012290.D
 Acq: 19 Aug 2019 21:19

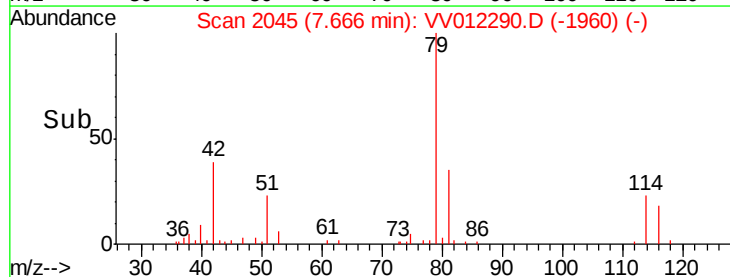
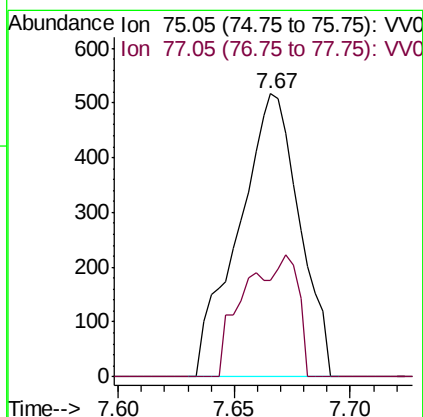
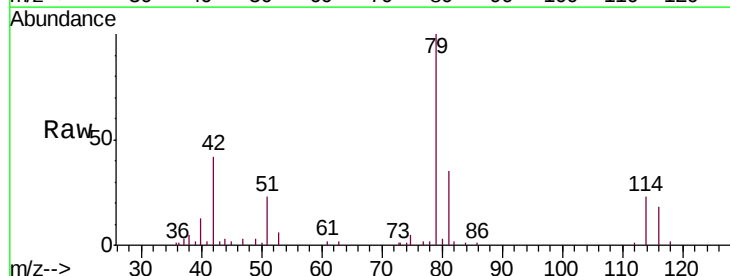
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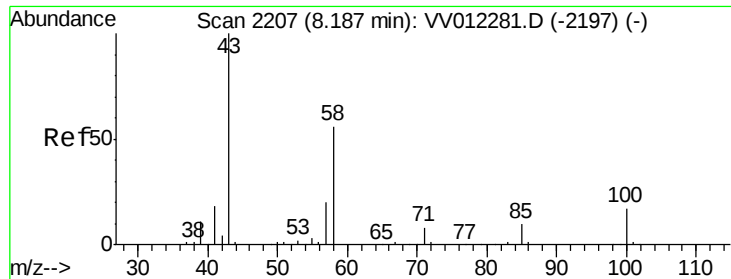
Tgt Ion: 63 Resp: 5318
 Ion Ratio Lower Upper
 63 100
 112 0.0 5.1 7.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.078 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV012290.D
 Acq: 19 Aug 2019 21:19

Tgt Ion: 75 Resp: 944
 Ion Ratio Lower Upper
 75 100
 77 34.0 22.1 41.1

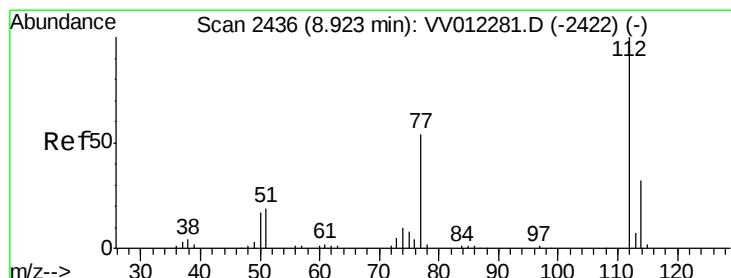
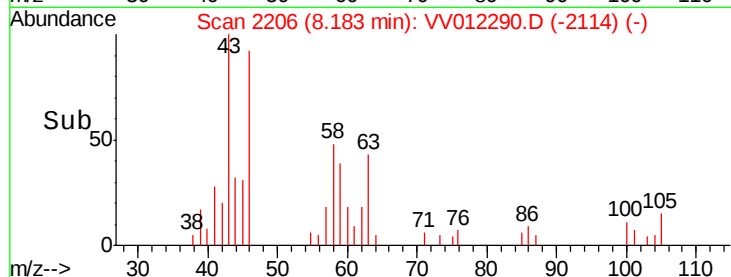
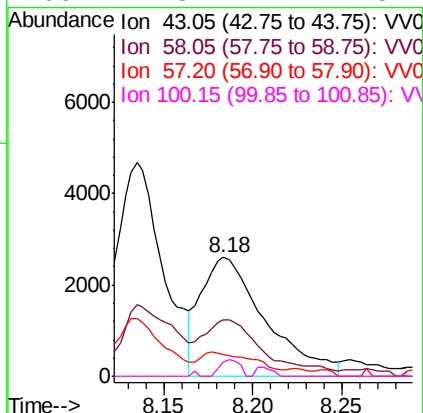
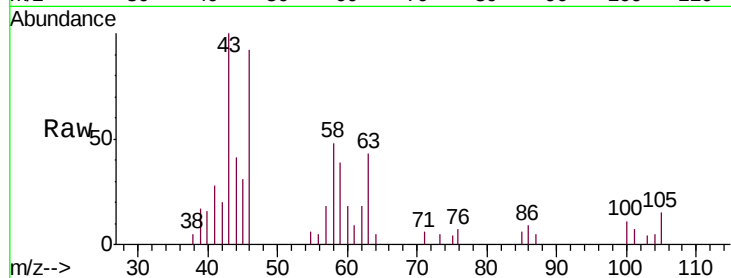




#48
2-Hexanone
Concen: 1.815 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VV012290.D
Acq: 19 Aug 2019 21:19

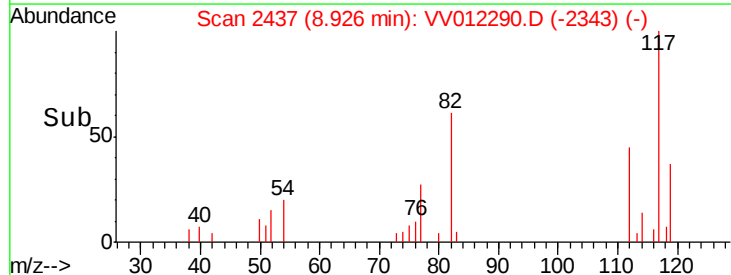
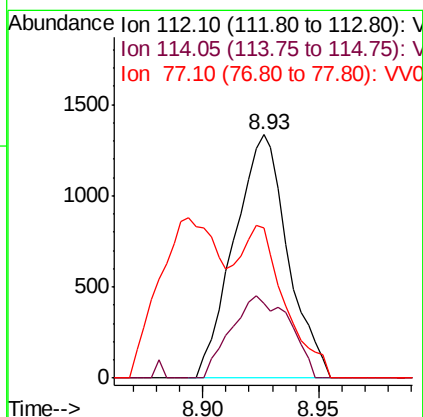
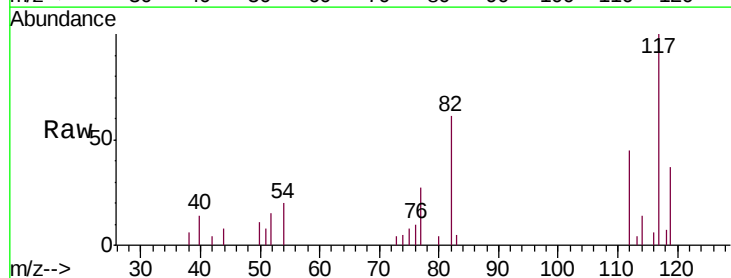
Instrument :
MSVOA_V
ClientSampleId :
C0AF0

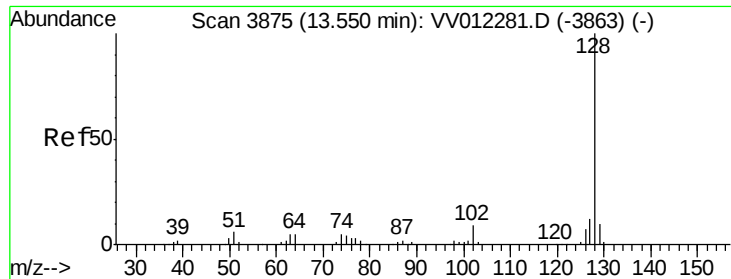
Tgt Ion: 43 Resp: 6526
Ion Ratio Lower Upper
43 100
58 46.7 45.4 68.2
57 12.5 16.8 25.2#
100 4.3 12.2 18.2#



#51
Chlorobenzene
Concen: 0.070 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. 0.00 min
Lab File: VV012290.D
Acq: 19 Aug 2019 21:19

Tgt Ion: 112 Resp: 2145
Ion Ratio Lower Upper
112 100
114 30.6 22.3 41.5
77 61.6 43.9 65.9





#69

Naphthalene

Concen: 23.375 ug/L

RT: 13.55 min Scan# 3874

Delta R.T. -0.00 min

Lab File: VV012290.D

Acq: 19 Aug 2019 21:19

Instrument :

MSVOA_V

ClientSampleId :

C0AF0

Tgt Ion:128 Resp: 525265

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 12.9 10.5 15.7

