

Data File : VV008590.D
Acq On : 16 Nov 2018 19:10
Operator : SY/MD
Sample : J5987-02
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COL28

Quant Time: Nov 17 04:48:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 04:38:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	147425	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	128952	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55128	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33104	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.59	69	26263	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.13	63	48318	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	3.96	46	116681	49.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.60%
24) Chloroform-d	4.41	84	84959	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.09	65	44359	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.10	84	174191	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.12	67	55211	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.36	98	156994	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	7.67	79	18743	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.14	63	94123	50.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.44%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	37464	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	52420	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

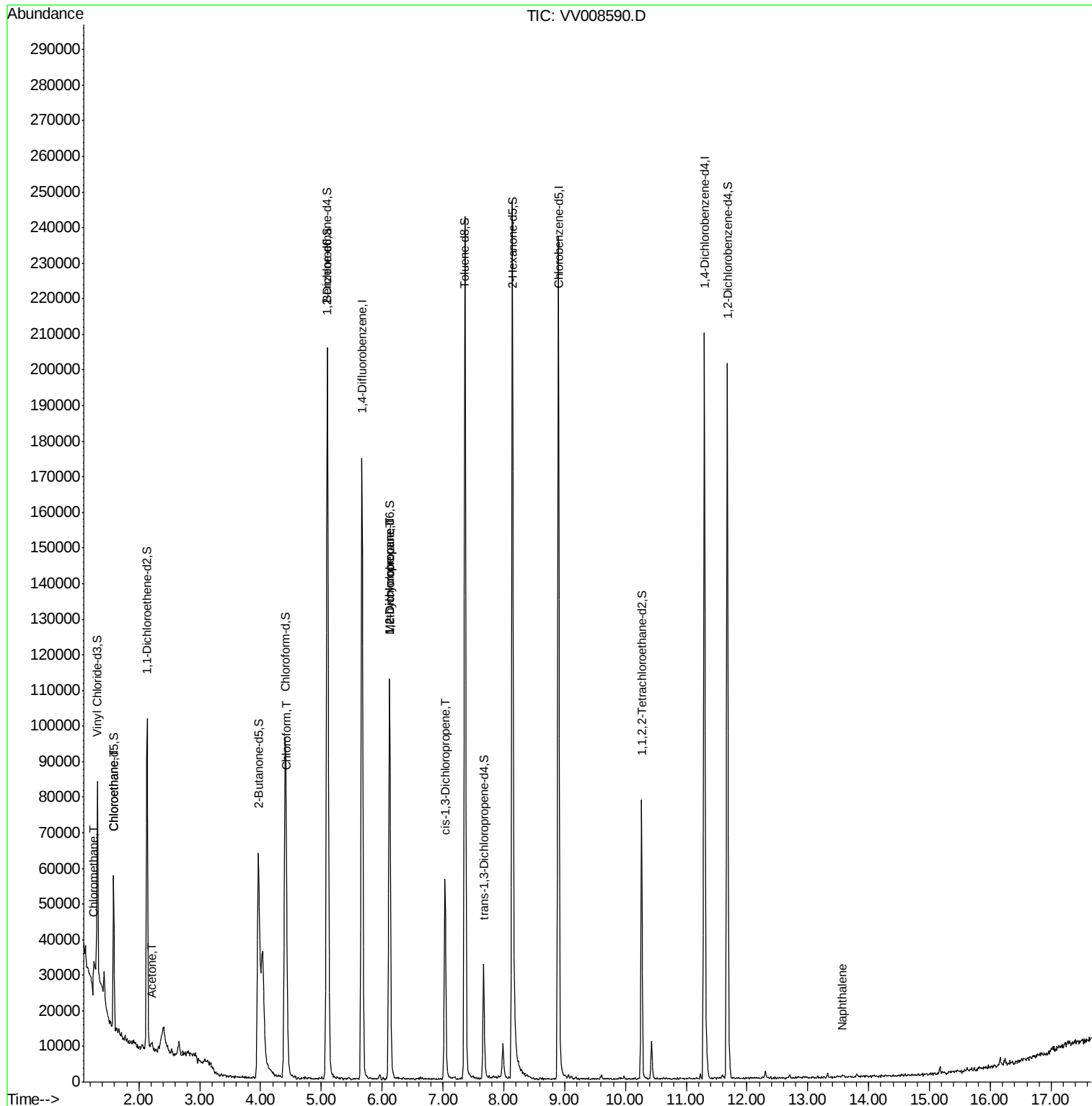
					Qvalue
3) Chloromethane	1.25	50	2220	0.219 ug/L	93
8) Chloroethane	1.59	64	544	0.100 ug/L #	54
13) Acetone	2.22	43	2743	2.245 ug/L	92
25) Chloroform	4.43	83	12838	0.541 ug/L	98
35) Methylcyclohexane	6.12	83	13156	0.719 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	5733	0.534 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1422	0.098 ug/L #	80
69) Naphthalene	13.57	128	1035	0.061 ug/L #	70

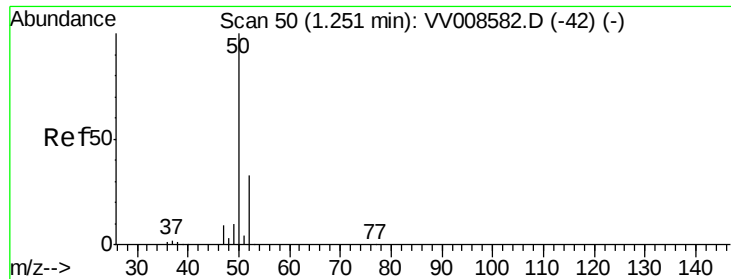
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.219 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

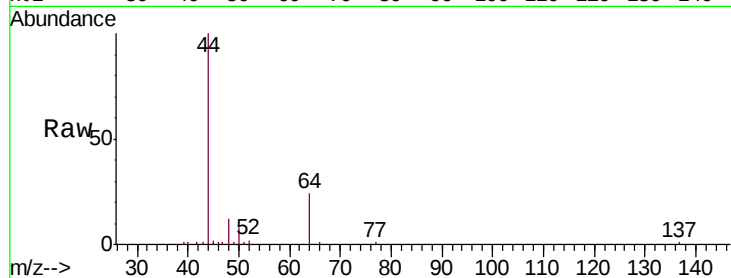
COL28

Tgt Ion: 50 Resp: 2220

Ion Ratio Lower Upper

50 100

52 29.3 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VV008582.D (-42) (-)

Ion 52.05 (51.75 to 52.75): VV008582.D (-42) (-)

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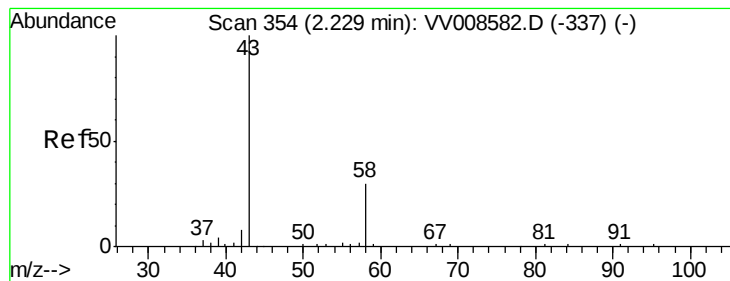
14.55

14.60

14.65

14.70

14.7



#13

Acetone

Concen: 2.245 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.01 min

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MSVOA_V

ClientSampled :

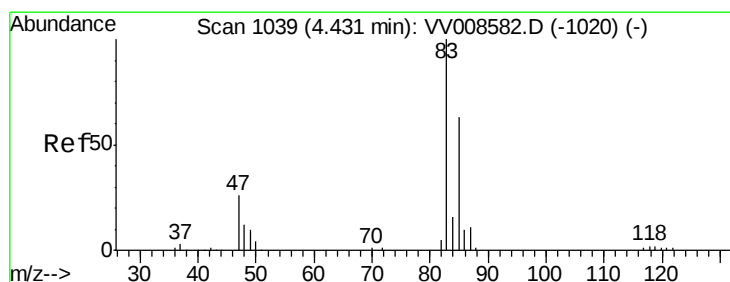
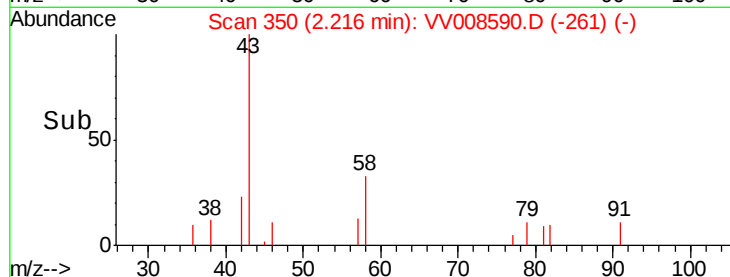
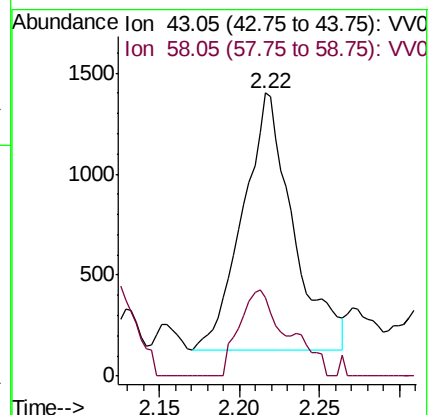
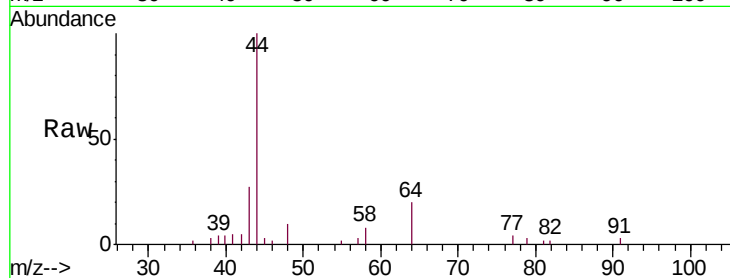
COL28

Tgt Ion: 43 Resp: 2743

Ion Ratio Lower Upper

43 100

58 32.2 0.0 56.4



#25

Chloroform

Concen: 0.541 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. 0.00 min

Lab File: VV008590.D

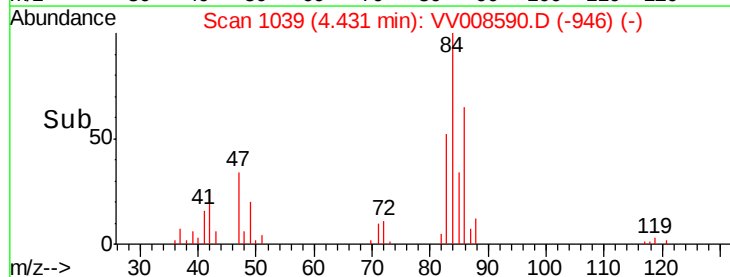
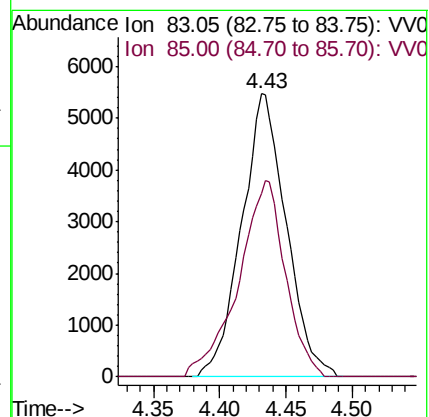
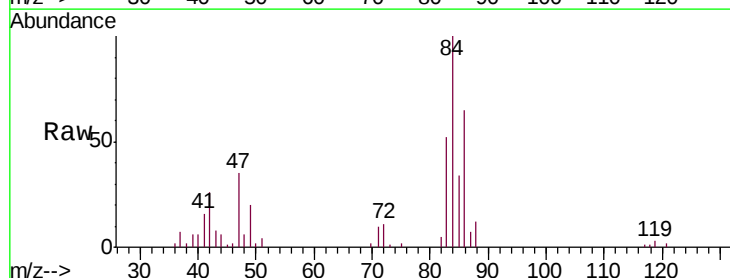
Acq: 16 Nov 2018 19:10

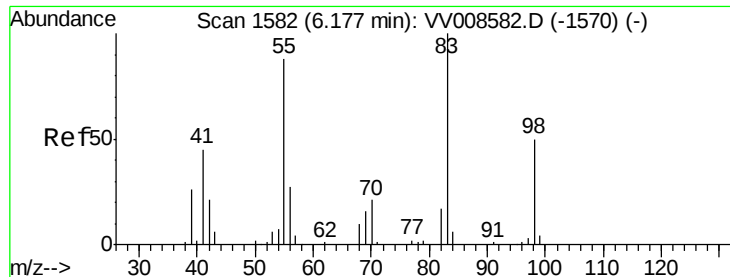
Tgt Ion: 83 Resp: 12838

Ion Ratio Lower Upper

83 100

85 64.7 44.4 82.5

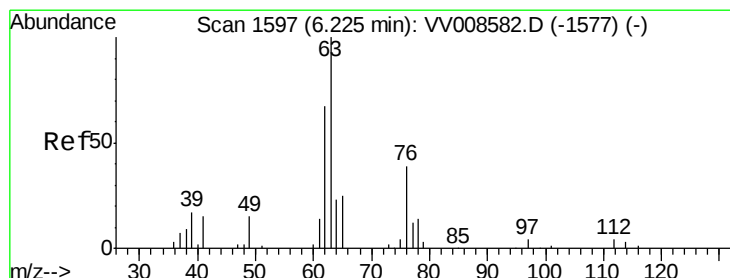
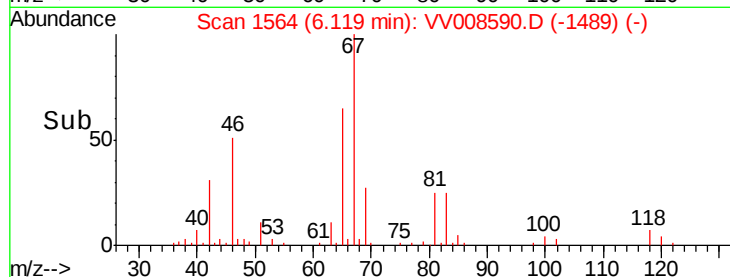
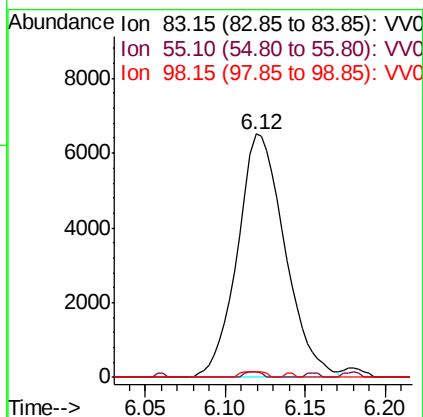
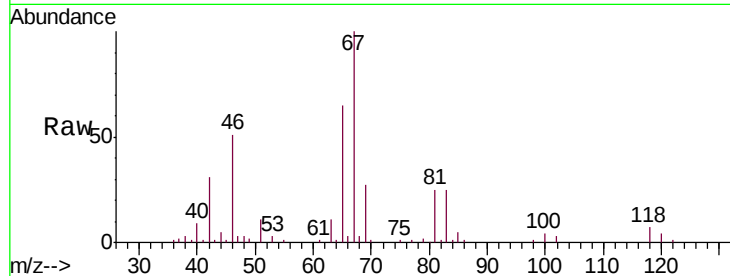




#35
Methylcyclohexane
Concen: 0.719 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV008590.D
Acq: 16 Nov 2018 19:10

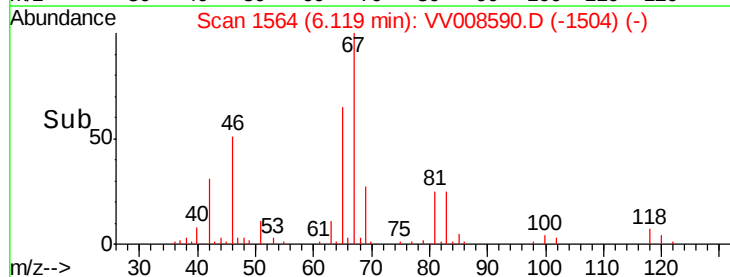
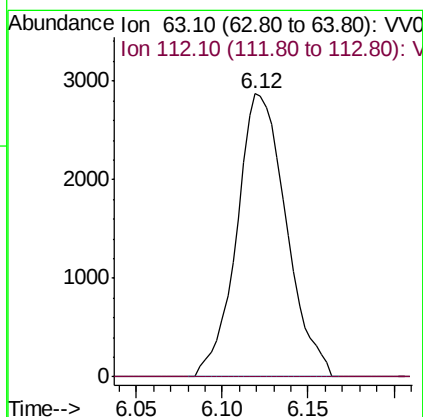
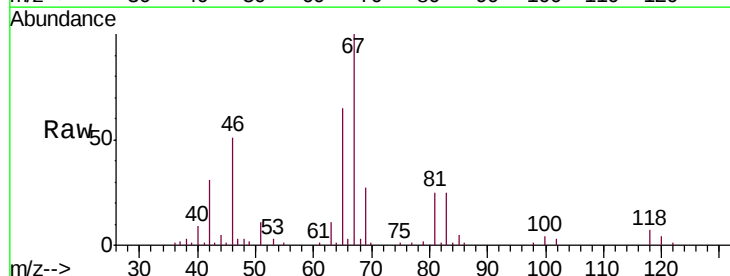
Instrument :
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ClientSampleId :
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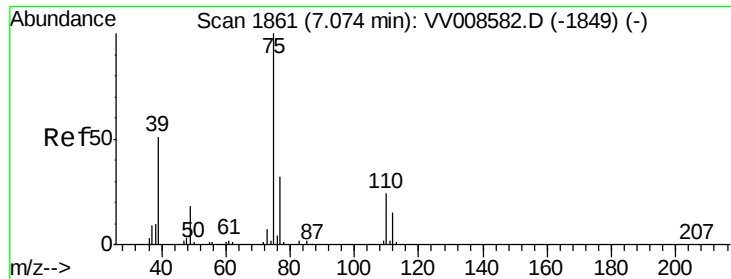
Tgt Ion: 83 Resp: 13156
Ion Ratio Lower Upper
83 100
55 0.8 65.6 98.4#
98 1.2 36.4 54.6#



#37
1,2-Dichloropropane
Concen: 0.534 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.11 min
Lab File: VV008590.D
Acq: 16 Nov 2018 19:10

Tgt Ion: 63 Resp: 5733
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008590.D

Acq: 16 Nov 2018 19:10

Instrument :

MSVOA_V

ClientSampled :

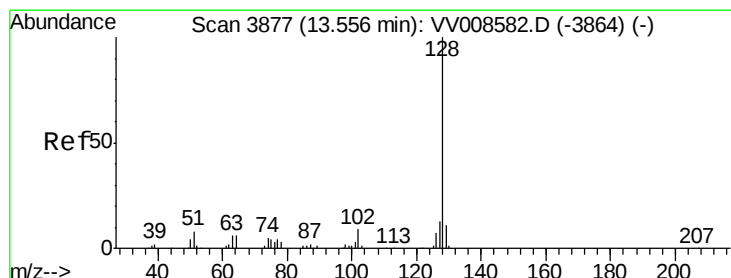
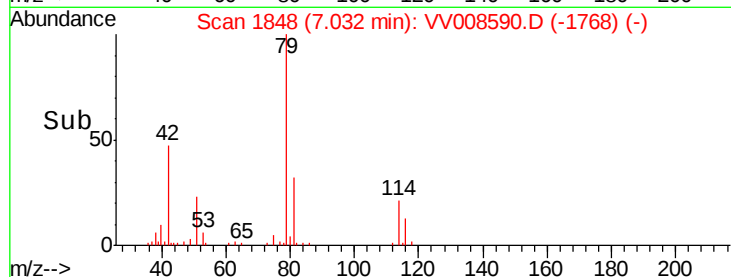
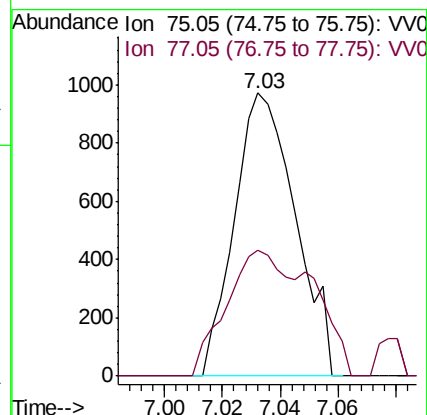
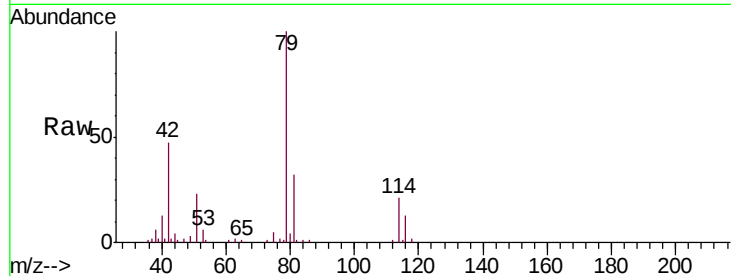
COL28

Tgt Ion: 75 Resp: 1422

Ion Ratio Lower Upper

75 100

77 44.3 23.0 42.8#



#69

Naphthalene

Concen: 0.061 ug/L

RT: 13.57 min Scan# 3881

Delta R.T. 0.01 min

Lab File: VV008590.D

Acq: 16 Nov 2018 19:10

Tgt Ion: 128 Resp: 1035

Ion Ratio Lower Upper

128 100

129 0.0 8.8 13.2#

127 0.0 10.0 15.0#

