

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091218\
 Data File : VV007481.D
 Acq On : 12 Sep 2018 18:07
 Operator : SY/MD
 Sample : J4871-03
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KL1

Quant Time: Sep 13 03:16:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 13 02:33:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	127908	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	115219	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59511	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36150	5.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.60%
7) Chloroethane-d5	1.58	69	28550	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.13	63	59530	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.40%
20) 2-Butanone-d5	3.97	46	69815	47.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.74%
24) Chloroform-d	4.41	84	67226	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.09	65	36965	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.10	84	135686	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.13	67	40496	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.36	98	136507	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
43) trans-1,3-Dichloropropene-	7.67	79	19982	5.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.00%
46) 2-Hexanone-d5	8.14	63	38067	41.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.66%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	28940	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	53218	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

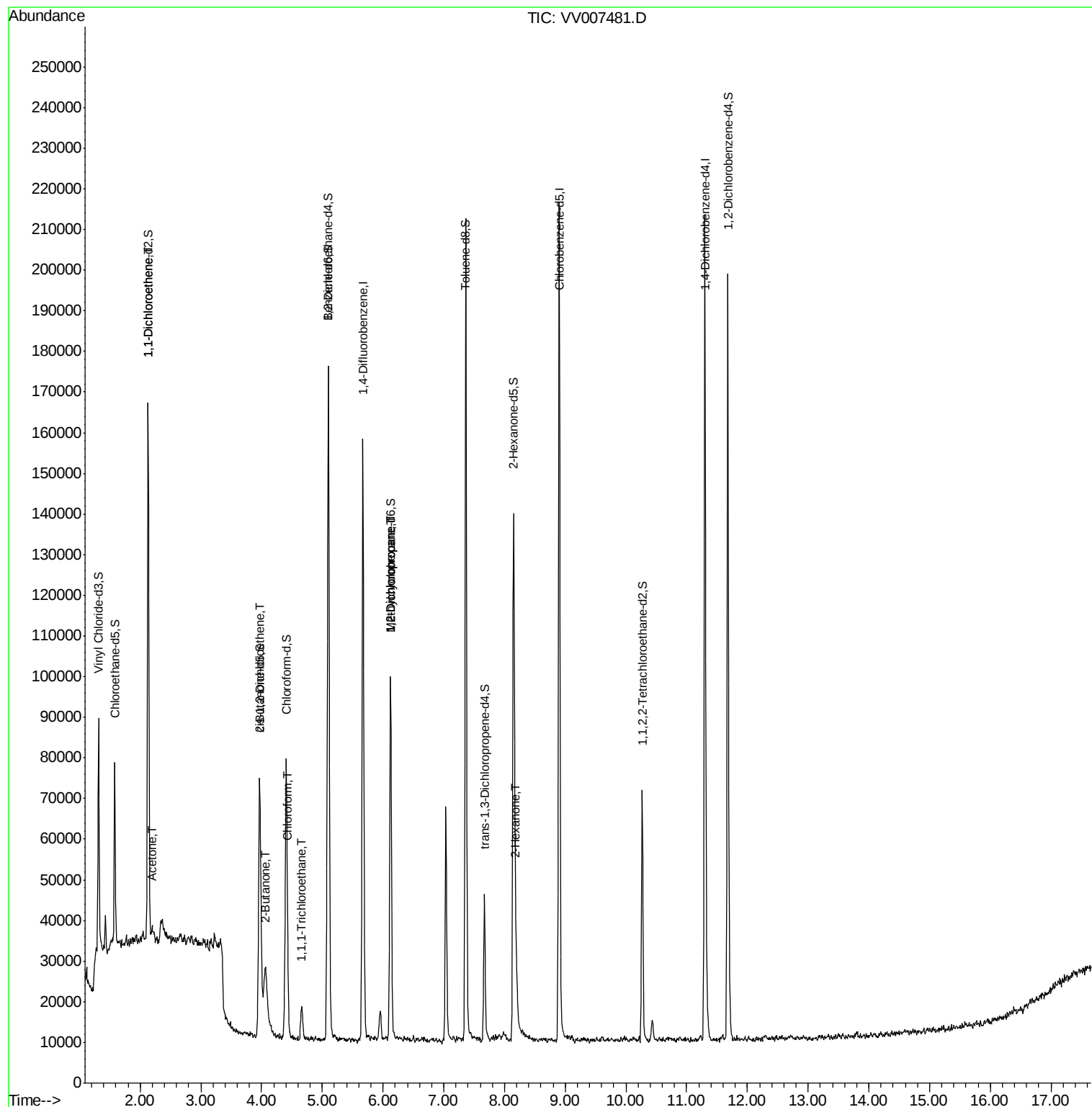
					Ovalue
12) 1,1-Dichloroethene	2.14	96	11357	1.721 ug/L #	42
13) Acetone	2.21	43	3350	3.893 ug/L	91
21) 2-Butanone	4.05	43	678	0.485 ug/L	85
22) cis-1,2-Dichloroethene	3.96	96	16453	2.373 ug/L #	99
25) Chloroform	4.43	83	3952	0.333 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	6121	0.515 ug/L	92
35) Methylcyclohexane	6.12	83	10103	0.859 ug/L #	20
37) 1,2-Dichloropropane	6.13	63	4848	0.762 ug/L #	89
48) 2-Hexanone	8.19	43	6691	2.536 ug/L #	39

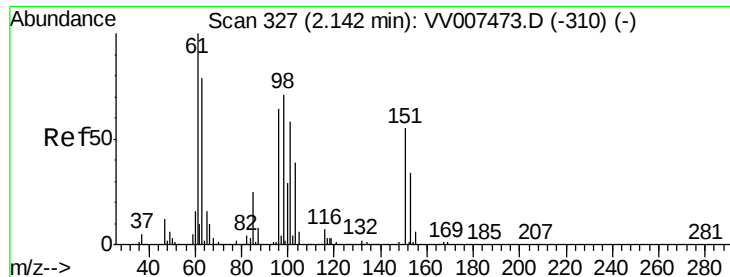
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 13 02:33:45 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.721 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV007481.D

Acq: 12 Sep 2018 18:07

Instrument :

MSVOA_V

ClientSampleId :

C0KL1

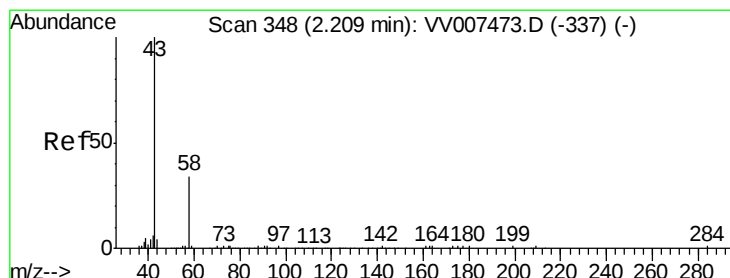
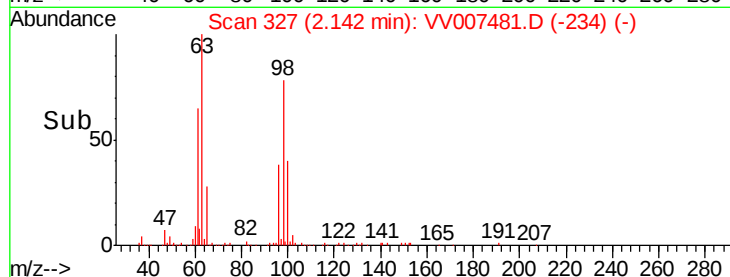
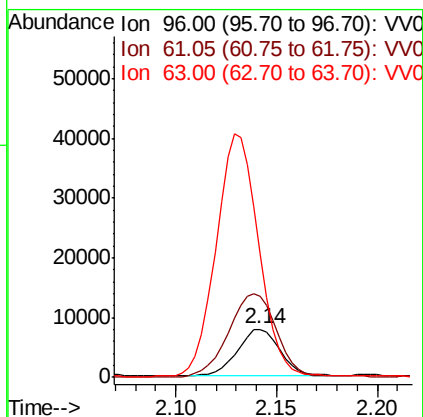
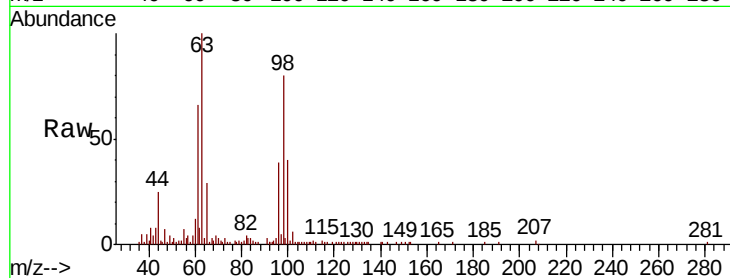
Tot Ion: 96 Resp: 11357

Ion Ratio Lower Upper

96 100

61 167.5 108.0 200.6

63 255.3 85.7 159.1#



#13

Acetone

Concen: 3.893 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

Lab File: VV007481.D

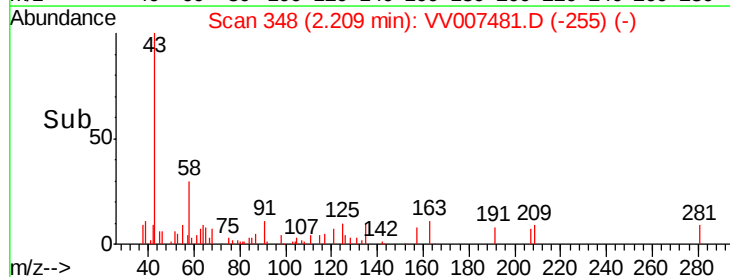
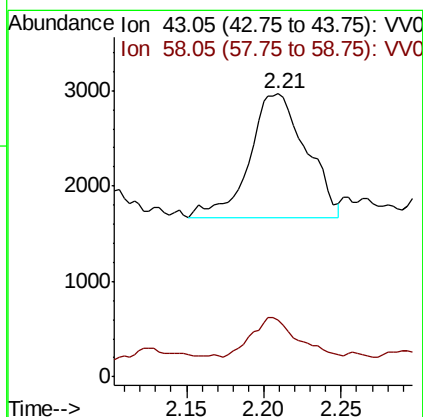
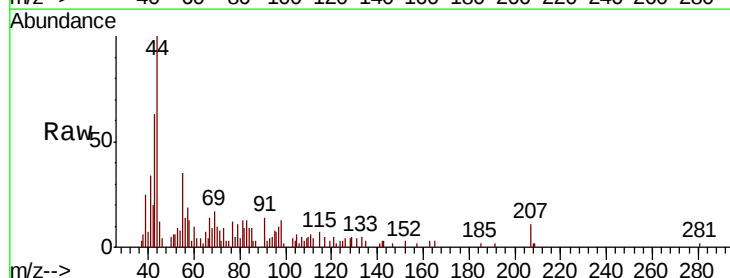
Acq: 12 Sep 2018 18:07

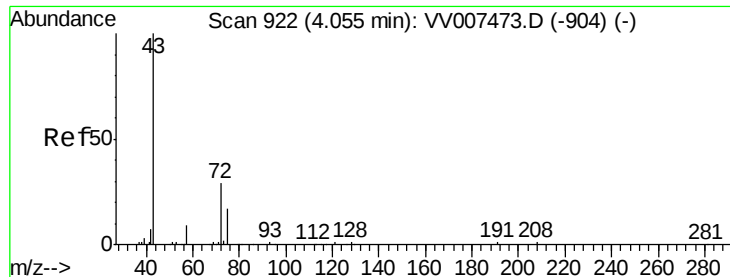
Tgt Ion: 43 Resp: 3350

Ion Ratio Lower Upper

43 100

58 27.5 0.0 65.4

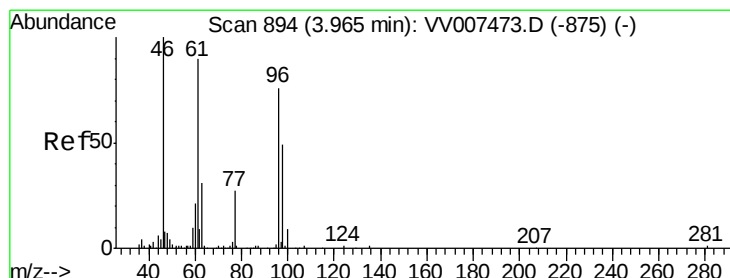
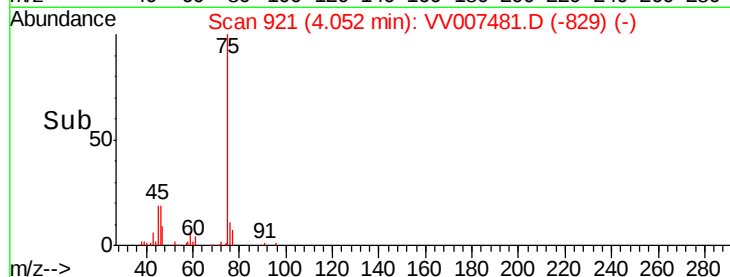
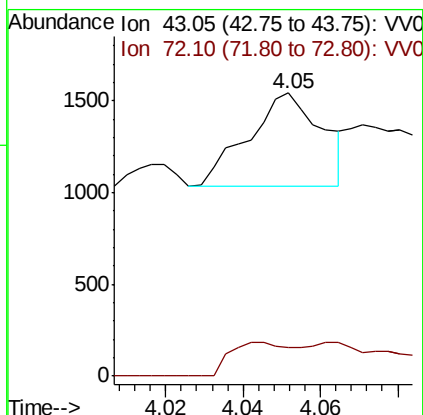
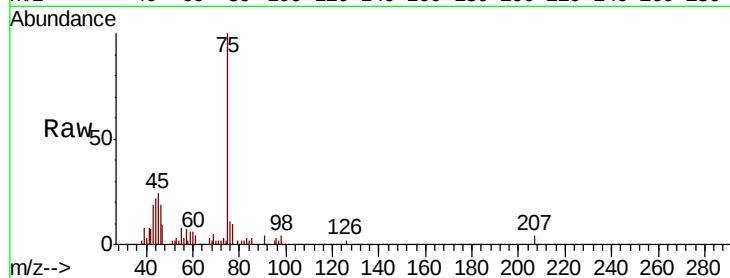




#21
 2-Butanone
 Concen: 0.485 ug/L
 RT: 4.05 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VV007481.D
 Acq: 12 Sep 2018 18:07

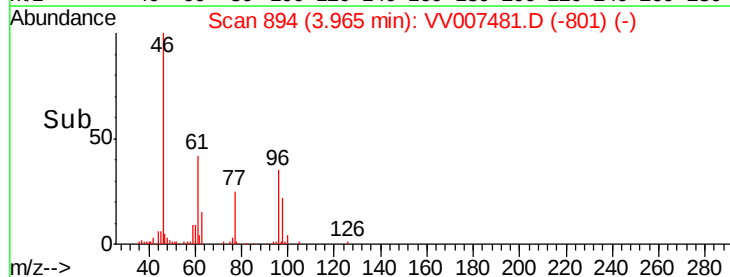
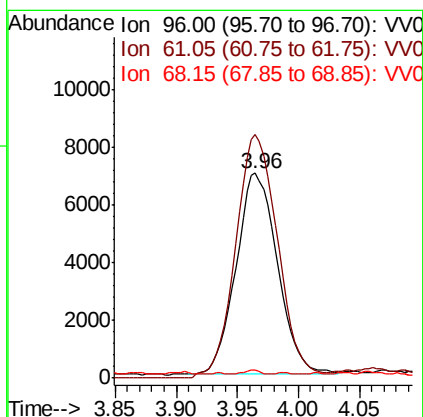
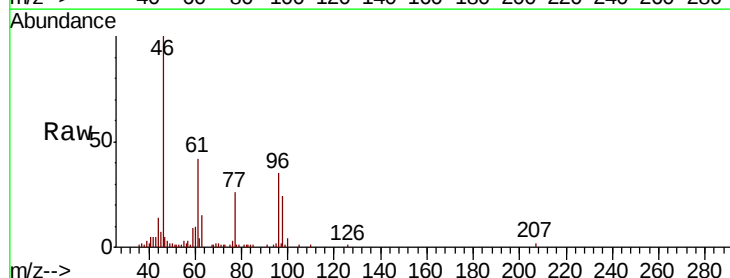
Instrument :
 MSVOA_V
 ClientSampleId :
 COKL1

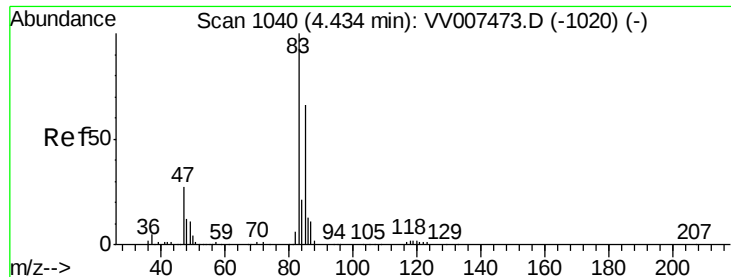
Tot Ion: 43 Resp: 678
 Ion Ratio Lower Upper
 43 100
 72 37.8 14.8 44.4



#22
 cis-1,2-Dichloroethene
 Concen: 2.373 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.00 min
 Lab File: VV007481.D
 Acq: 12 Sep 2018 18:07

Tgt Ion: 96 Resp: 16453
 Ion Ratio Lower Upper
 96 100
 61 118.7 82.6 153.4
 68 3.7 1.2 2.2#





#25

Chloroform

Concen: 0.333 ug/L

RT: 4.43 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VV007481.D

Acq: 12 Sep 2018 18:07

Instrument :

MSVOA_V

ClientSampled :

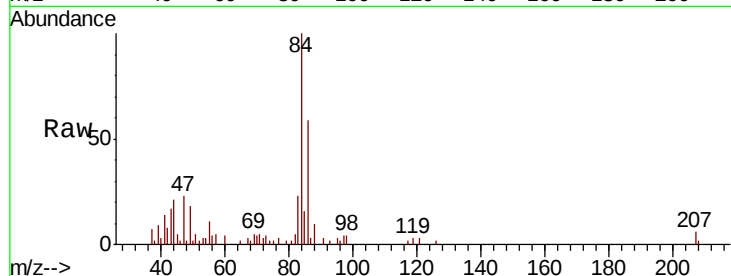
C0KL1

Tot Ion: 83 Resp: 3952

Ion Ratio Lower Upper

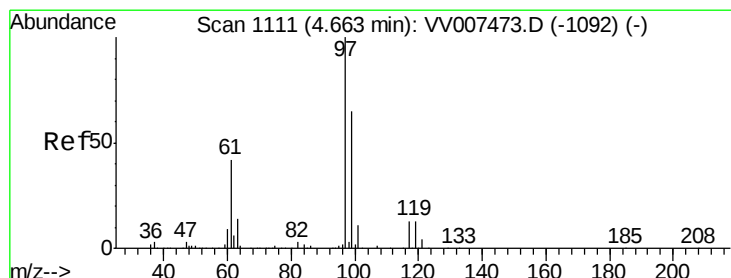
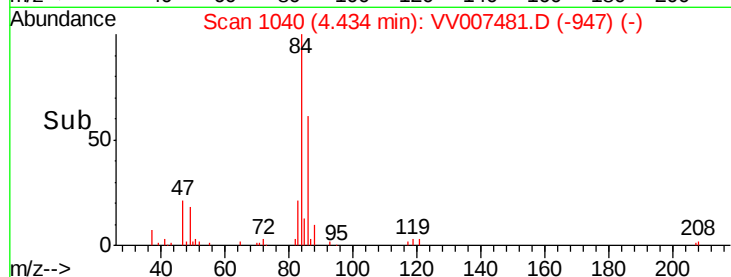
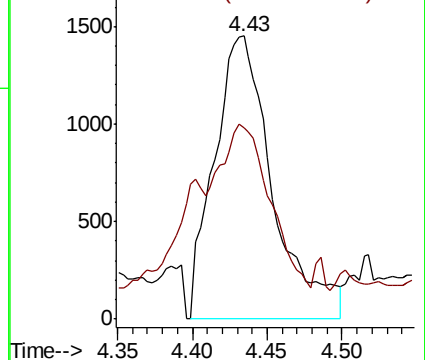
83 100

85 67.6 46.6 86.6



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#29

1,1,1-Trichloroethane

Concen: 0.515 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VV007481.D

Acq: 12 Sep 2018 18:07

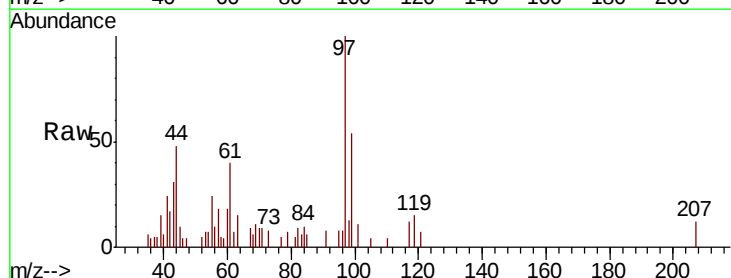
Tgt Ion: 97 Resp: 6121

Ion Ratio Lower Upper

97 100

99 70.0 51.2 76.8

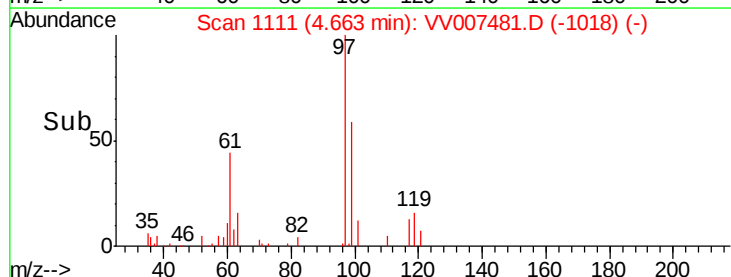
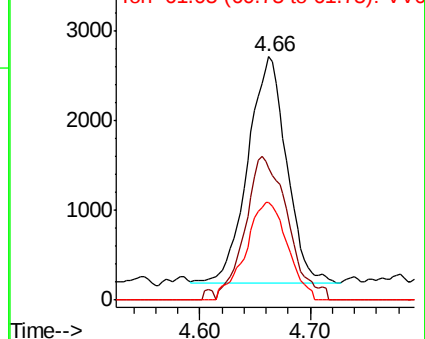
61 46.9 33.4 50.2

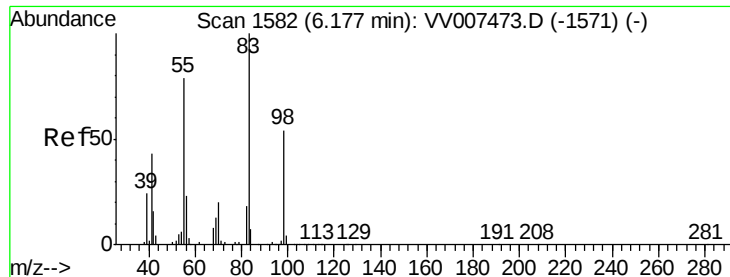


Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 61.05 (60.75 to 61.75): VV0

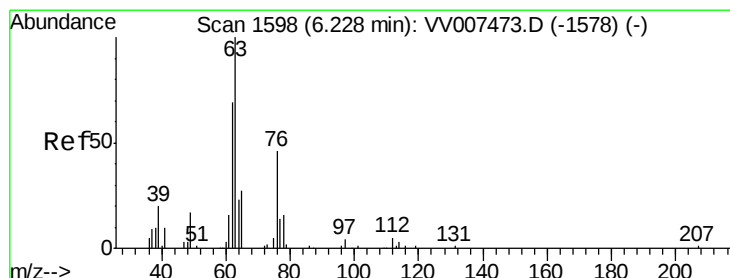
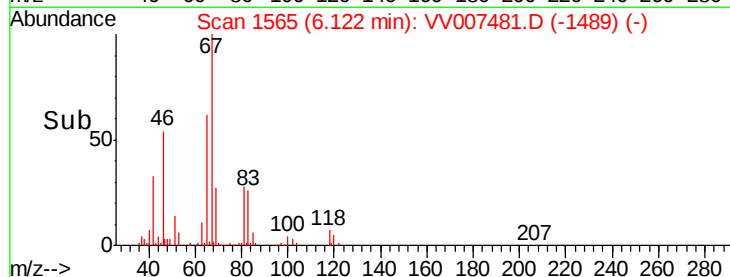
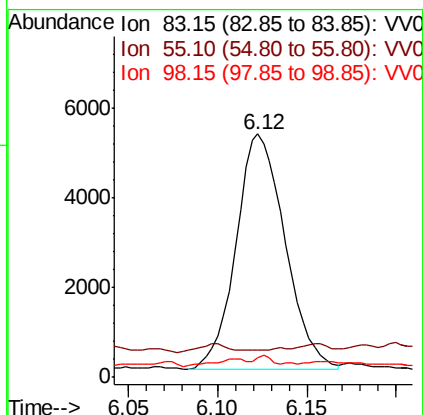
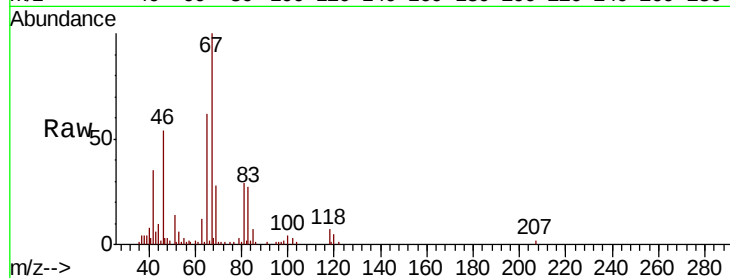




#35
Methvlcvclohexane
Concen: 0.859 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV007481.D
Acq: 12 Sep 2018 18:07

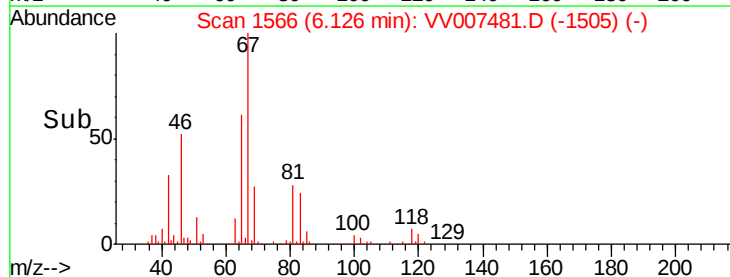
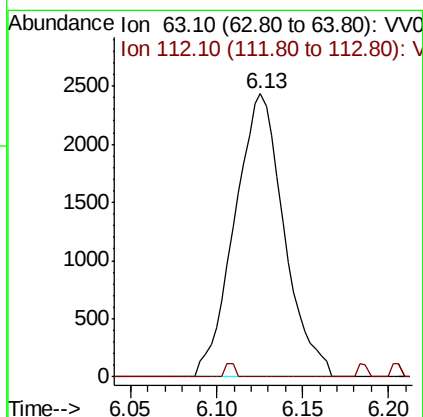
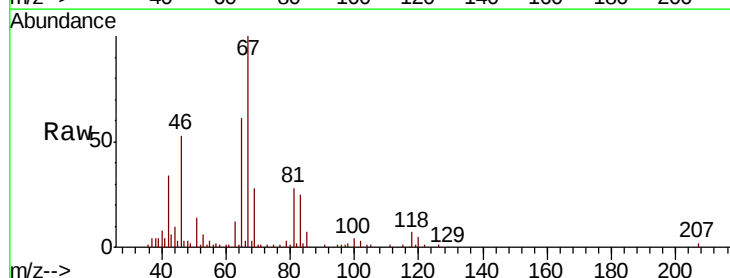
Instrument :
MSVOA_V
ClientSampled :
C0KL1

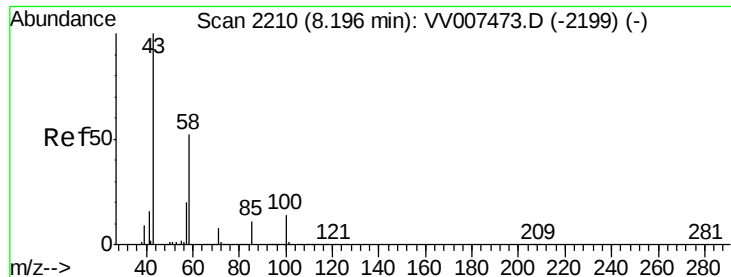
Tot Ion	83.15	Resp	10103
Ion Ratio	Lower	Upper	
83	100		
55	0.0	57.4	86.0#
98	1.2	38.8	58.2#



#37
1,2-Dichloropropane
Concen: 0.762 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV007481.D
Acq: 12 Sep 2018 18:07

Tgt Ion	63.10	Resp	4848
Ion Ratio	Lower	Upper	
63	100		
112	0.9	3.7	5.5#





#48

2-Hexanone

Concen: 2.536 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VV007481.D

Acq: 12 Sep 2018 18:07

Instrument :

MSVOA_V

ClientSampleId :

C0KL1

Tot Ion: 43 Resp: 6691

Ion Ratio Lower Upper

43 100

58 0.0 47.9 71.9#

57 1.0 16.2 24.2#

100 9.1 11.0 16.4#

