

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061518\
 Data File : VV006303.D
 Acq On : 16 Jun 2018 01:50
 Operator : SY/MD
 Sample : J3473-14
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KB9

Quant Time: Jun 16 05:16:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 16 00:57:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	271883	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	241889	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	107477	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66801	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.58	69	66131	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.20%
11) 1,1-Dichloroethene-d2	2.13	63	103931	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	3.96	46	210791	66.86	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.72%#
24) Chloroform-d	4.41	84	146293	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.09	65	76456	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
32) Benzene-d6	5.11	84	288587	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.12	67	91960	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.37	98	250939	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.67	79	26463	3.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.60%
46) 2-Hexanone-d5	8.14	63	162462	48.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.24%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	66267	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	103180	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

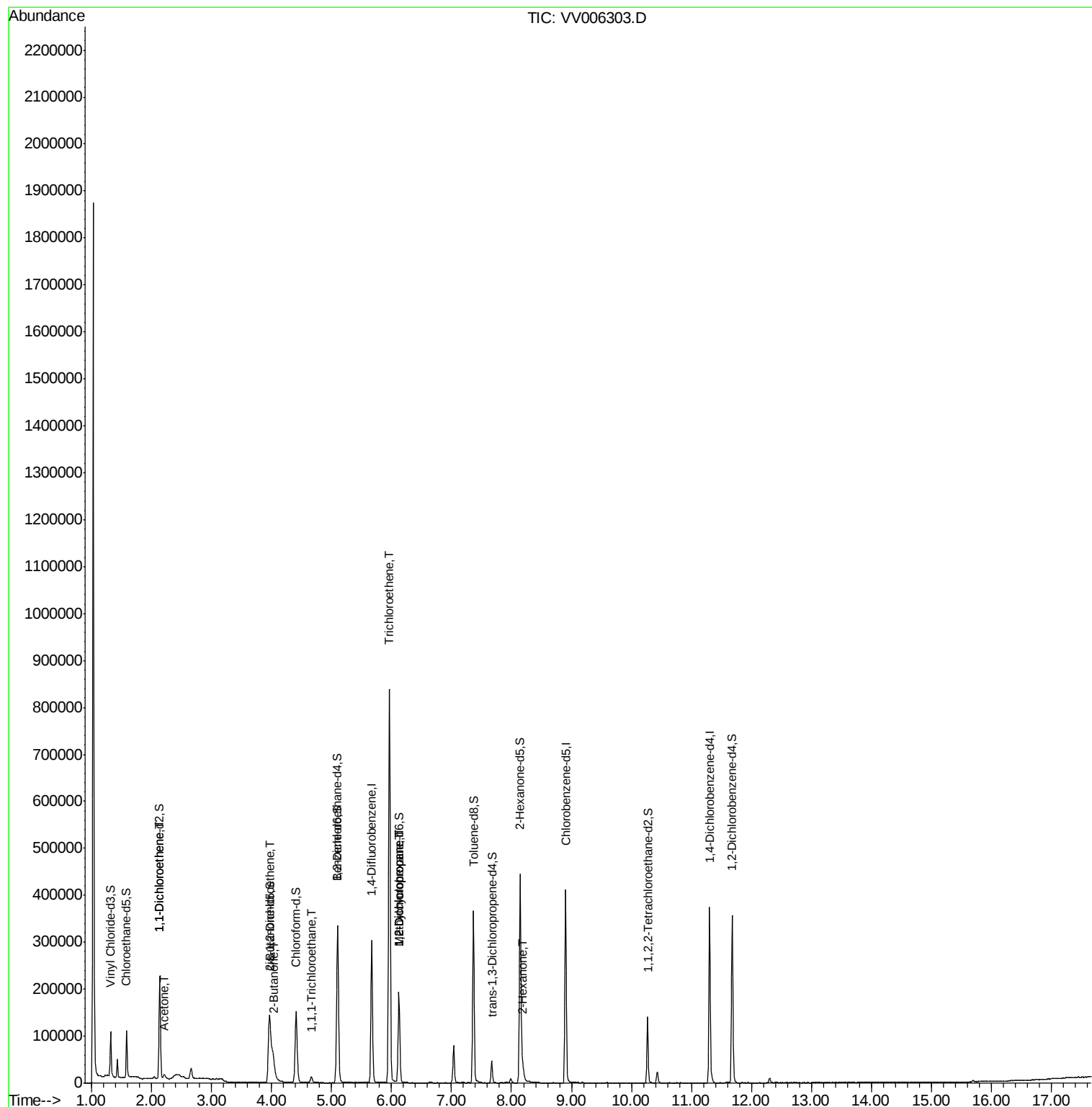
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.15	96	19180	1.229	ug/L #	48
13) Acetone	2.21	43	10883	6.370	ug/L	85
21) 2-Butanone	4.04	43	12418	3.995	ug/L #	65
22) cis-1,2-Dichloroethene	3.97	96	19201	1.042	ug/L #	99
29) 1,1,1-Trichloroethane	4.67	97	9768	0.366	ug/L	95
34) Trichloroethene	5.96	95	287045	15.769	ug/L	98
35) Methylcyclohexane	6.12	83	23292	0.744	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	9975	0.624	ug/L #	85
48) 2-Hexanone	8.19	43	17382	2.993	ug/L #	84

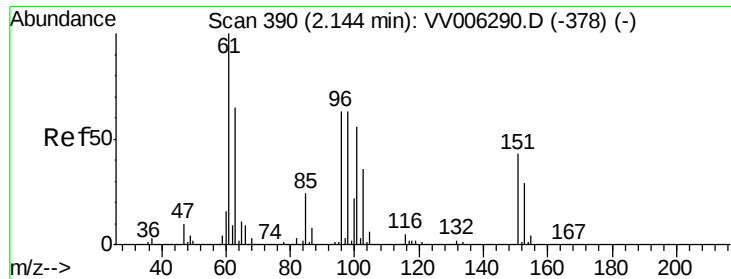
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.229 ug/L

RT: 2.15 min Scan# 391

Delta R.T. 0.00 min

Lab File: VV006303.D

Acq: 16 Jun 2018 01:50

Instrument :

MSVOA_V

ClientSampleId :

C0KB9

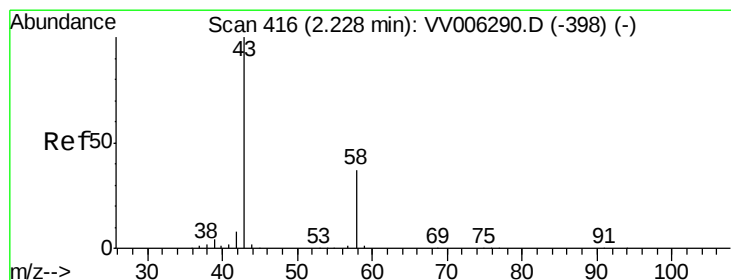
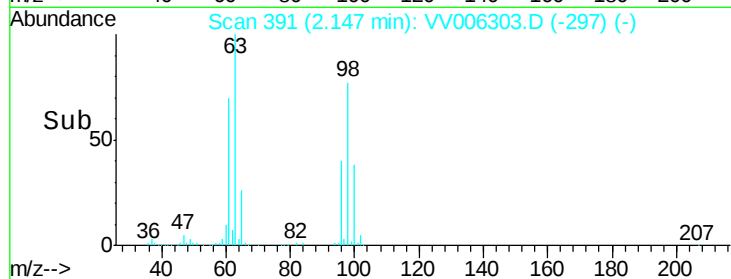
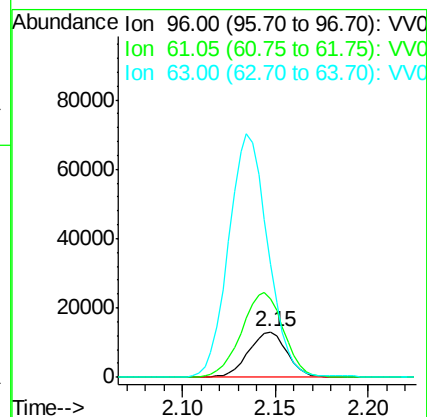
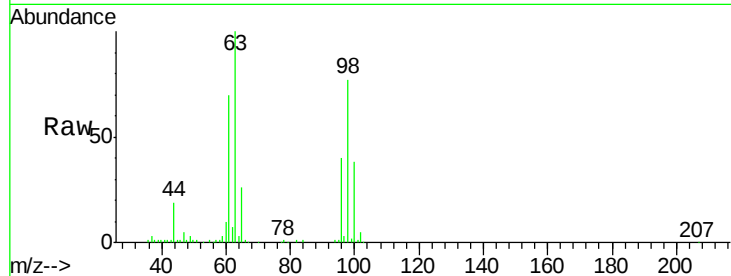
Tgt Ion: 96 Resp: 19180

Ion Ratio Lower Upper

96 100

61 173.1 114.2 212.2

63 247.0 85.0 157.8#



#13

Acetone

Concen: 6.370 ug/L

RT: 2.21 min Scan# 411

Delta R.T. -0.02 min

Lab File: VV006303.D

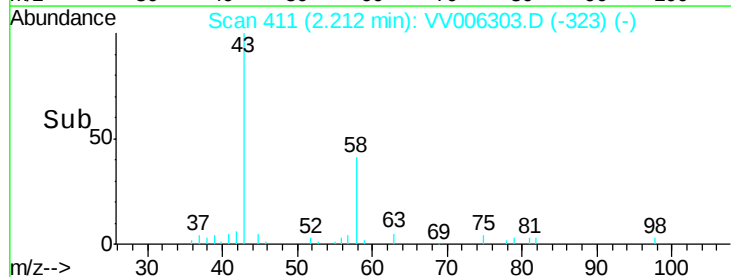
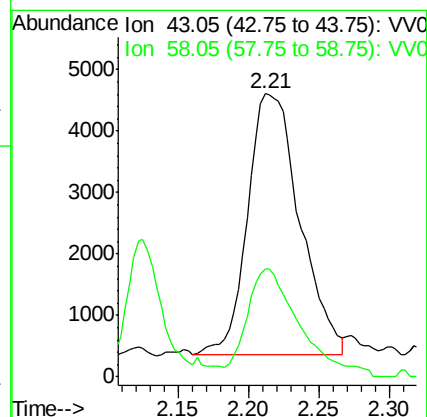
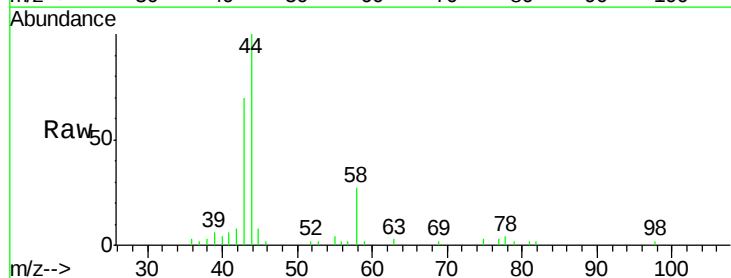
Acq: 16 Jun 2018 01:50

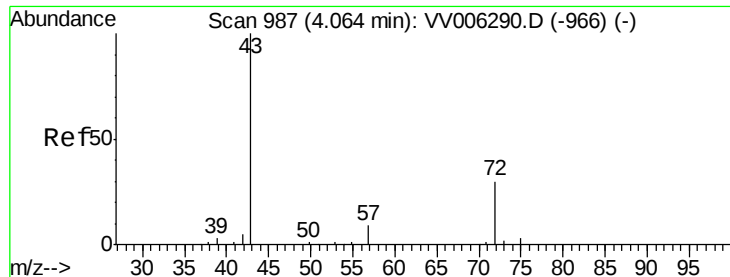
Tgt Ion: 43 Resp: 10883

Ion Ratio Lower Upper

43 100

58 42.1 0.0 67.4





#21

2-Butanone

Concen: 3.995 ug/L

RT: 4.04 min Scan# 981

Delta R.T. -0.02 min

Lab File: VV006303.D

Acq: 16 Jun 2018 01:50

Instrument :

MSVOA_V

ClientSampled :

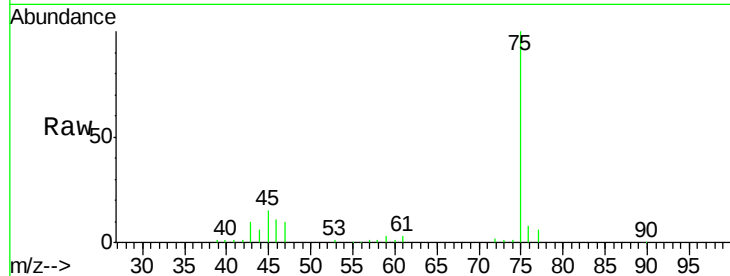
C0KB9

Tgt Ion: 43 Resp: 12418

Ion Ratio Lower Upper

43 100

72 9.3 13.8 41.3#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0

4.04

2500

2000

1500

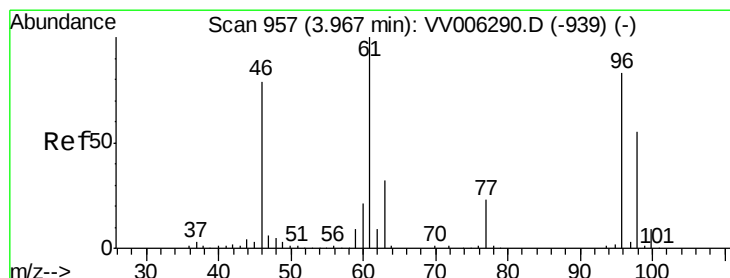
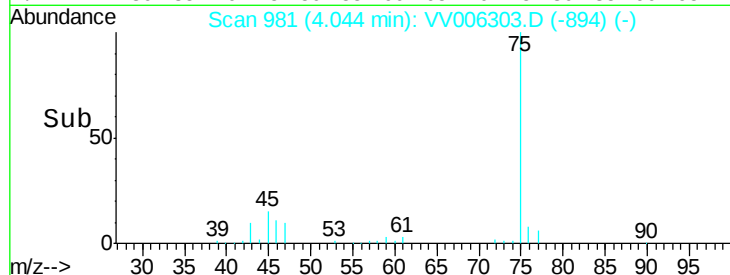
1000

500

0

3.90 4.00 4.10

Time-->



#22

cis-1,2-Dichloroethene

Concen: 1.042 ug/L

RT: 3.97 min Scan# 958

Delta R.T. 0.00 min

Lab File: VV006303.D

Acq: 16 Jun 2018 01:50

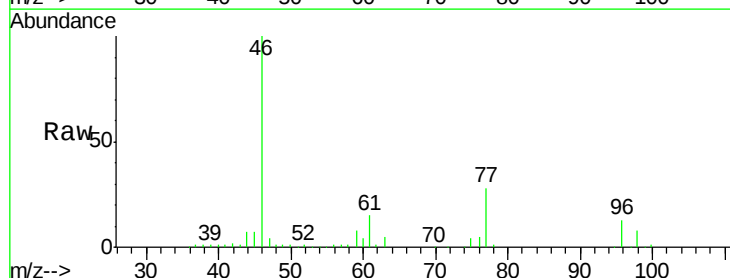
Tgt Ion: 96 Resp: 19201

Ion Ratio Lower Upper

96 100

61 121.4 84.1 156.3

68 0.0 0.3 0.5#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

12000

10000

8000

6000

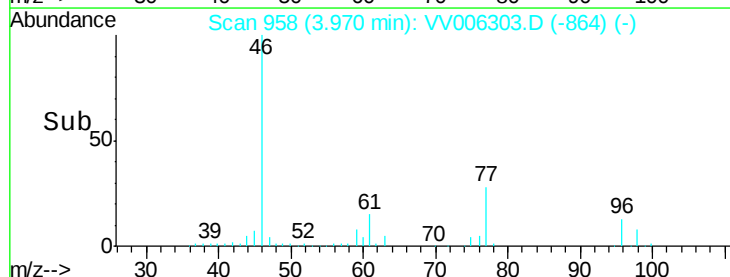
4000

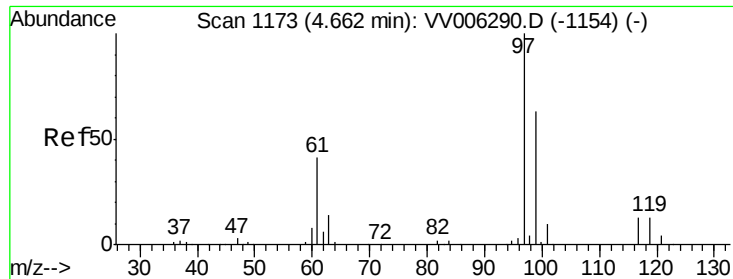
2000

0

3.90 3.95 4.00 4.05

Time-->

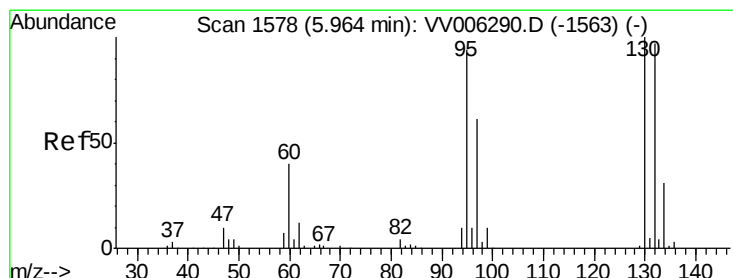
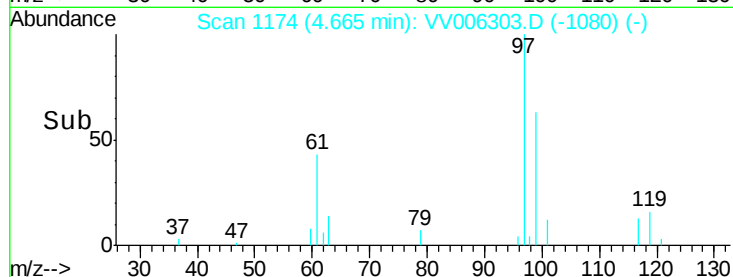
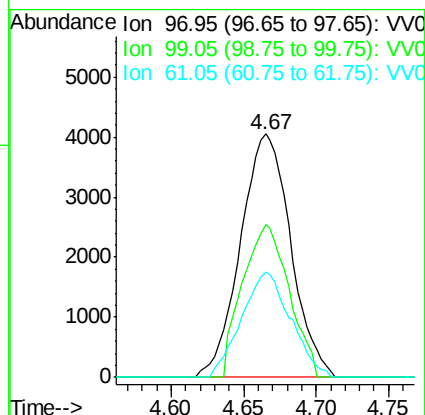
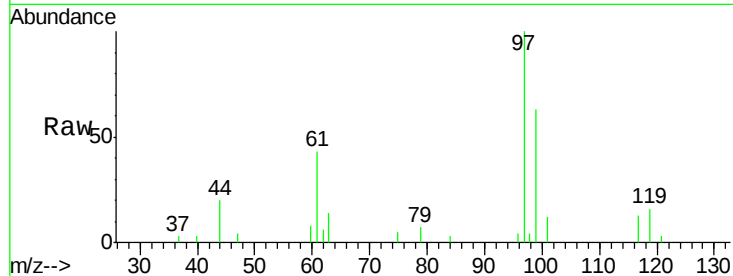




#29
 1,1,1-Trichloroethane
 Concen: 0.366 ug/L
 RT: 4.67 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VV006303.D
 Acq: 16 Jun 2018 01:50

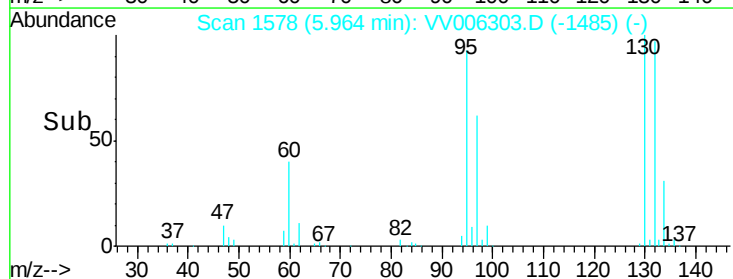
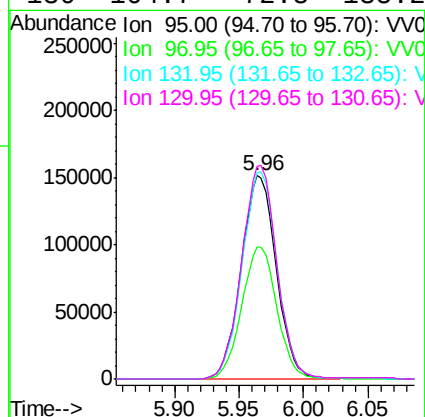
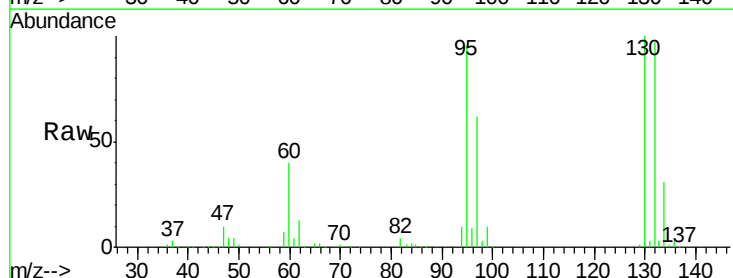
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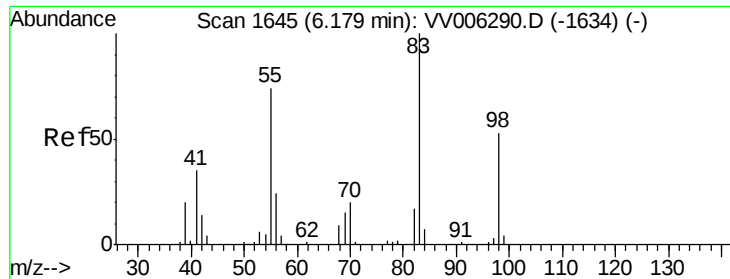
Tgt Ion: 97 Resp: 9768
 Ion Ratio Lower Upper
 97 100
 99 58.0 51.5 77.3
 61 42.3 33.7 50.5



#34
 Trichloroethene
 Concen: 15.769 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VV006303.D
 Acq: 16 Jun 2018 01:50

Tgt Ion: 95 Resp: 287045
 Ion Ratio Lower Upper
 95 100
 97 65.0 45.1 83.9
 132 101.4 69.0 128.1
 130 104.7 72.8 135.2

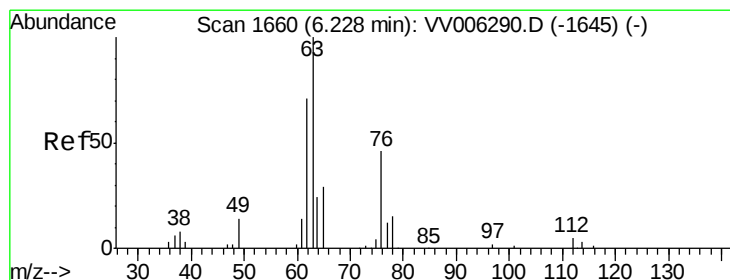
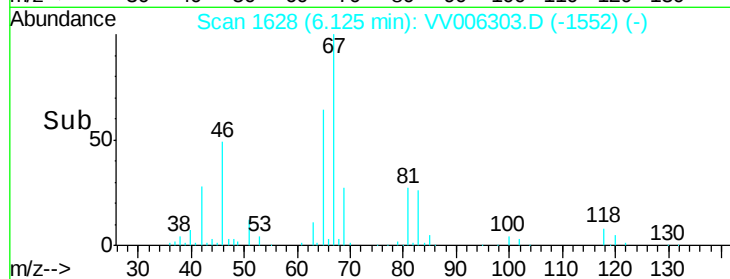
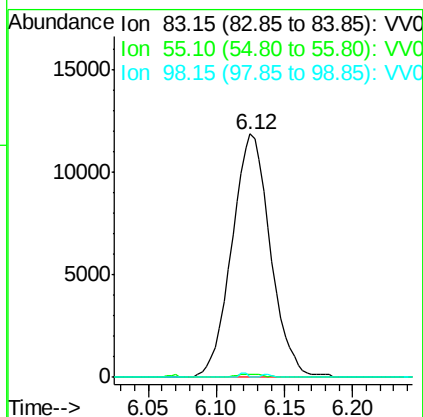
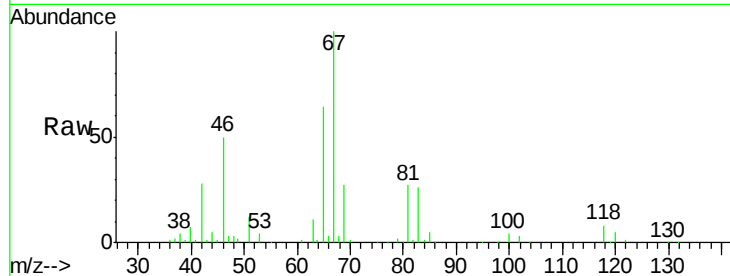




#35
Methylcyclohexane
Concen: 0.744 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006303.D
Acq: 16 Jun 2018 01:50

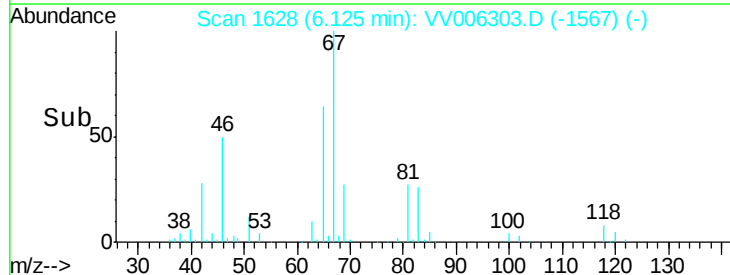
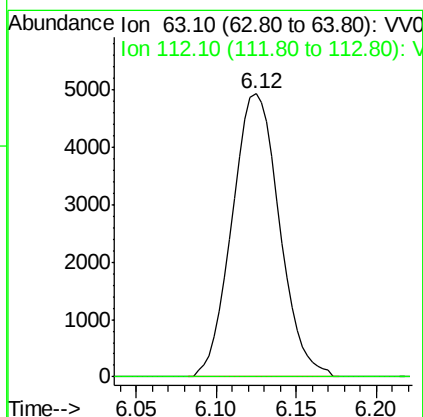
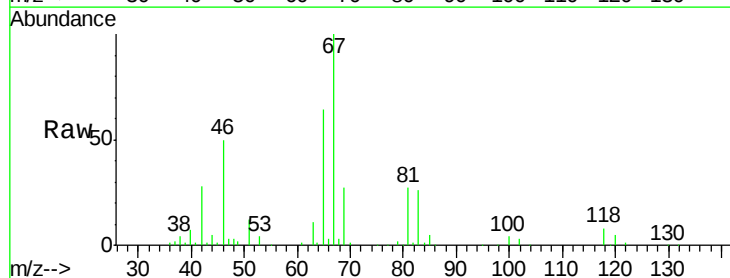
Instrument :
MSVOA_V
ClientSampleId :
C0KB9

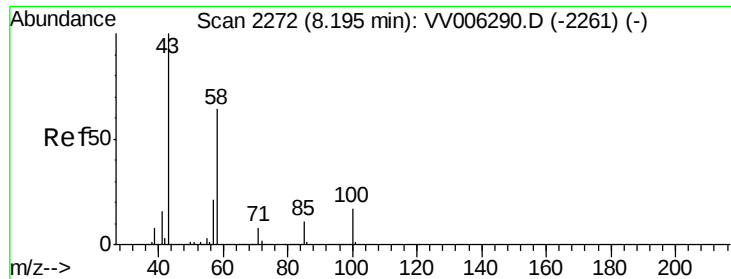
Tgt Ion: 83 Resp: 23292
Ion Ratio Lower Upper
83 100
55 0.9 57.5 86.3#
98 0.0 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 0.624 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006303.D
Acq: 16 Jun 2018 01:50

Tgt Ion: 63 Resp: 9975
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#





#48
 2-Hexanone
 Concen: 2.993 ug/L
 RT: 8.19 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VV006303.D
 Acq: 16 Jun 2018 01:50

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion: 43 Resp: 17382
 Ion Ratio Lower Upper
 43 100
 58 45.8 48.6 72.8#
 57 17.5 17.5 26.3
 100 10.9 12.6 18.8#

