

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071318\
 Data File : VV006601.D
 Acq On : 13 Jul 2018 19:02
 Operator : SY/MD
 Sample : J3919-17RE
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF5RE

Quant Time: Jul 14 00:31:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 14 00:30:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	337444	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	308568	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	133754	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	89817	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.58	69	72928	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.13	63	118414	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.97	46	192355	41.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.56%
24) Chloroform-d	4.41	84	152638	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	5.09	65	74208	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.10	84	331029	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.12	67	101287	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.37	98	295447	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.67	79	30830	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.14	63	161908	41.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.82%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	71214	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	107780	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

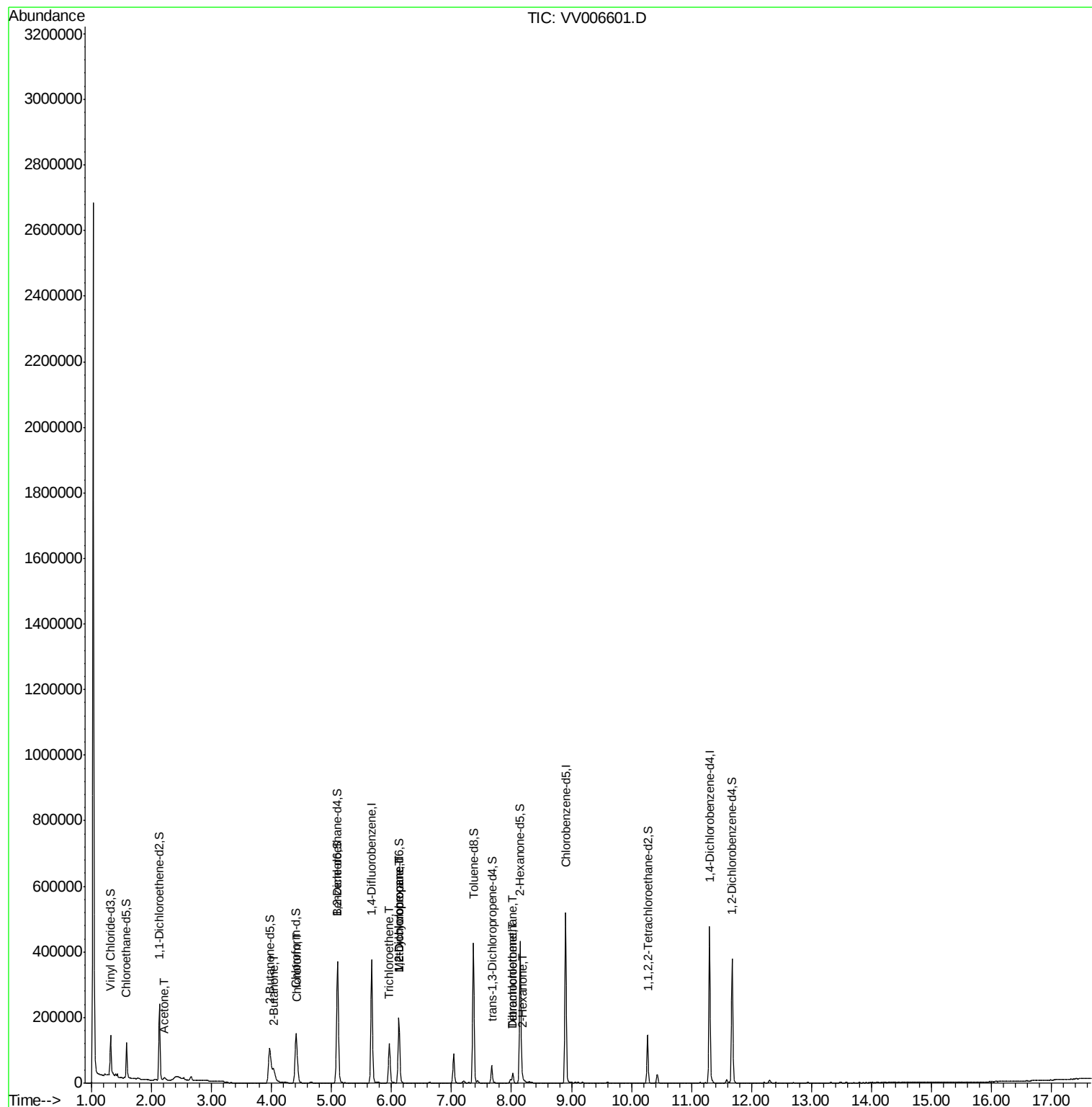
					Qvalue
13) Acetone	2.22	43	10303	3.496 ug/L	96
21) 2-Butanone	4.05	43	4145	0.857 ug/L	77
25) Chloroform	4.43	83	29864	0.751 ug/L	98
34) Trichloroethene	5.96	95	41560	1.759 ug/L	98
35) Methylcyclohexane	6.12	83	24360	0.640 ug/L #	19
37) 1,2-Dichloropropane	6.13	63	10119	0.449 ug/L #	86
47) Tetrachloroethene	8.02	164	7172	0.369 ug/L	97
48) 2-Hexanone	8.19	43	1847	0.228 ug/L #	44
49) Dibromochloromethane	8.02	129	6339	0.386 ug/L #	12

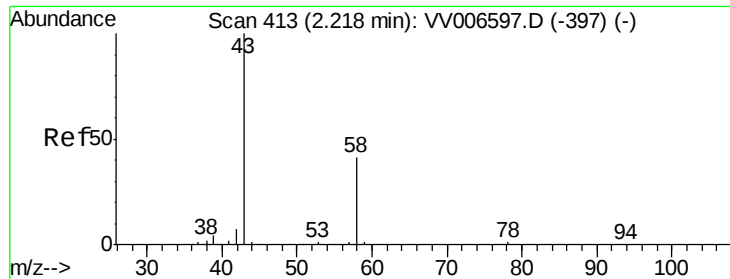
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 14 00:30:59 2018
Response via : Initial Calibration





#13

Acetone

Concen: 3.496 ug/L

RT: 2.22 min Scan# 412

Delta R.T. -0.00 min

Lab File: VV006601.D

Acq: 13 Jul 2018 19:02

Instrument :

MSVOA_V

ClientSampleId :

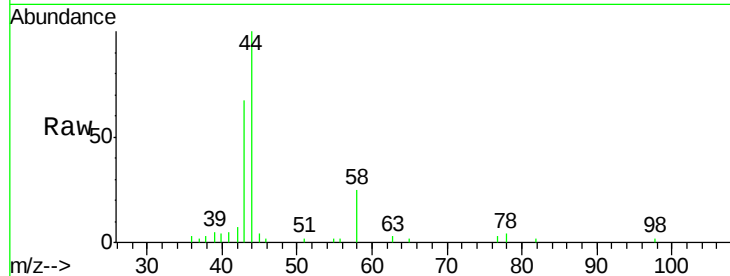
C0AF5RE

Tgt Ion: 43 Resp: 10303

Ion Ratio Lower Upper

43 100

58 40.4 0.0 76.2



Abundance Ion 43.05 (42.75 to 43.75): VV006601.D (-320) (-)

Ion 58.05 (57.75 to 58.75): VV006601.D (-320) (-)

2.22

4000

3000

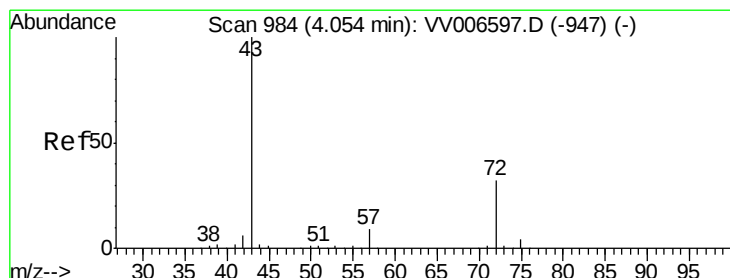
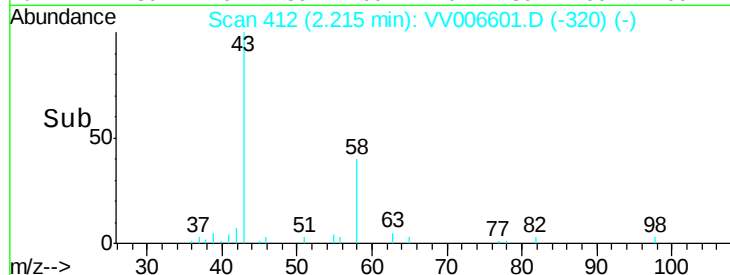
2000

1000

0

Time-->

2.10 2.20 2.30



#21

2-Butanone

Concen: 0.857 ug/L

RT: 4.05 min Scan# 983

Delta R.T. -0.00 min

Lab File: VV006601.D

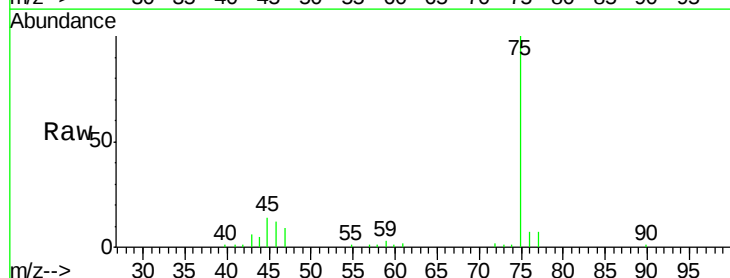
Acq: 13 Jul 2018 19:02

Tgt Ion: 43 Resp: 4145

Ion Ratio Lower Upper

43 100

72 17.7 15.1 45.3



Abundance Ion 43.05 (42.75 to 43.75): VV006601.D (-891) (-)

Ion 72.10 (71.80 to 72.80): VV006601.D (-891) (-)

4.05

1200

1000

800

600

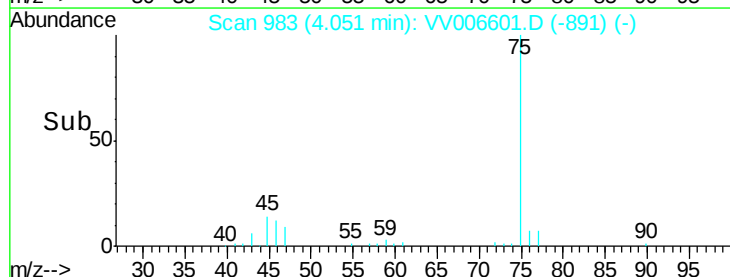
400

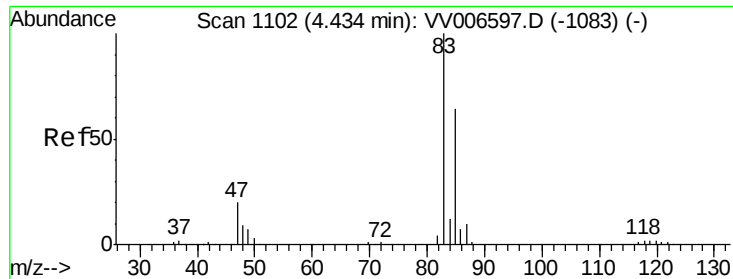
200

0

Time-->

4.00 4.10

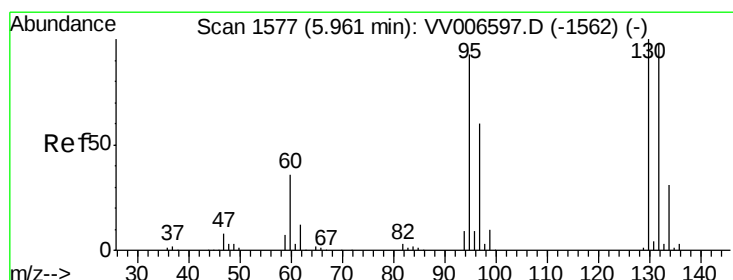
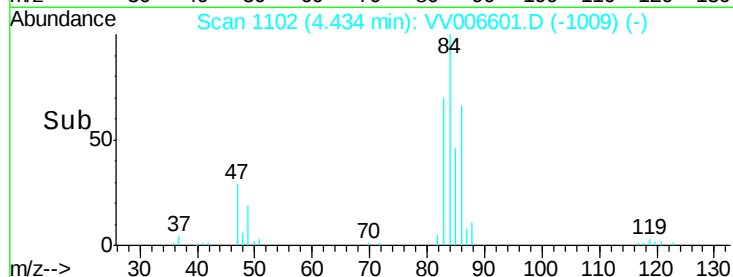
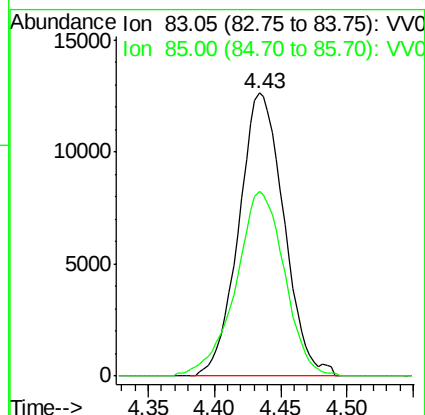
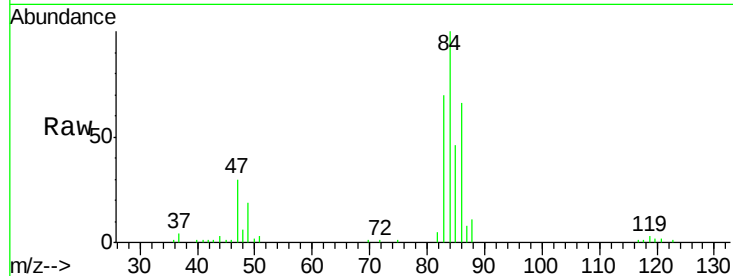




#25
Chloroform
Concen: 0.751 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VV006601.D
Acq: 13 Jul 2018 19:02

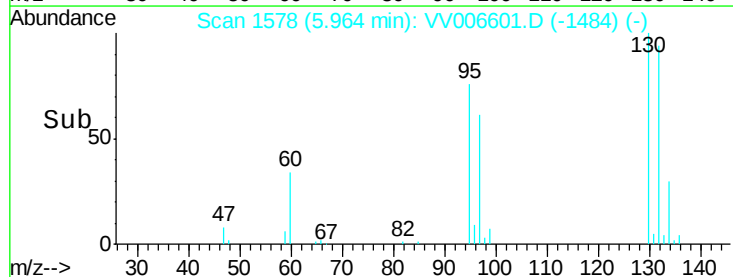
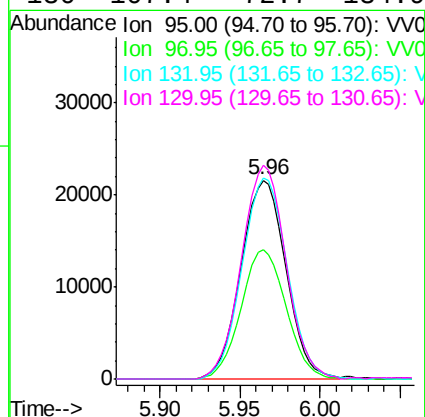
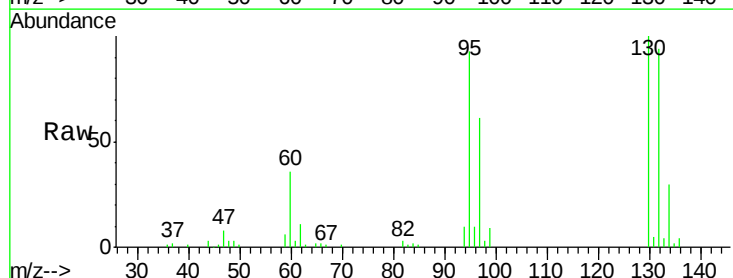
Instrument :
MSVOA_V
ClientSampleId :
C0AF5RE

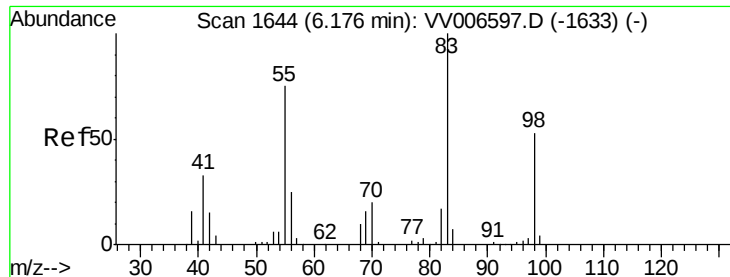
Tgt Ion: 83 Resp: 29864
Ion Ratio Lower Upper
83 100
85 65.5 44.8 83.2



#34
Trichloroethene
Concen: 1.759 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VV006601.D
Acq: 13 Jul 2018 19:02

Tgt Ion: 95 Resp: 41560
Ion Ratio Lower Upper
95 100
97 65.1 44.3 82.3
132 101.4 70.0 130.0
130 107.4 72.7 134.9

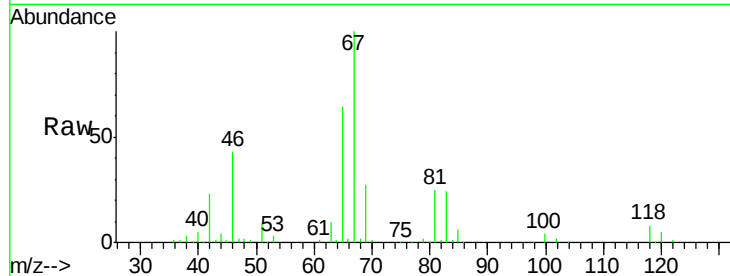




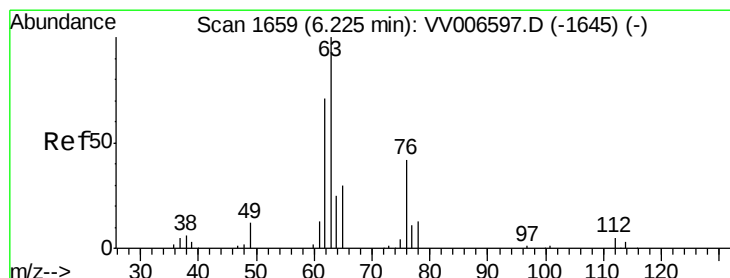
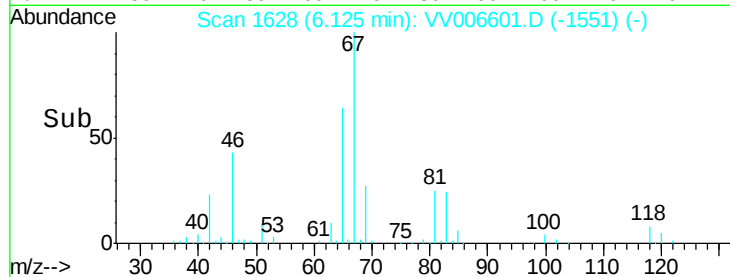
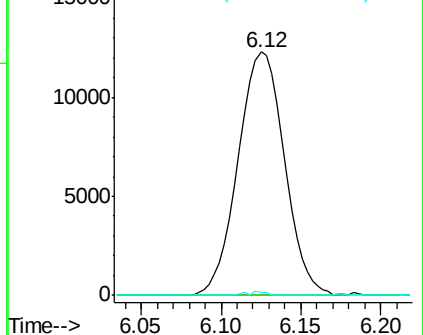
#35
Methylcyclohexane
Concen: 0.640 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006601.D
Acq: 13 Jul 2018 19:02

Instrument :
MSVOA_V
ClientSampleId :
C0AF5RE

Tgt Ion: 83 Resp: 24360
Ion Ratio Lower Upper
83 100
55 0.2 58.3 87.5#
98 0.4 39.3 58.9#

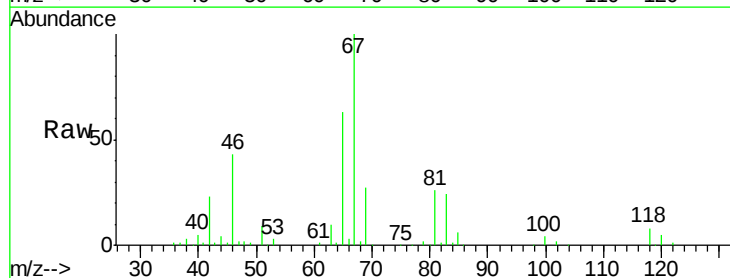


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

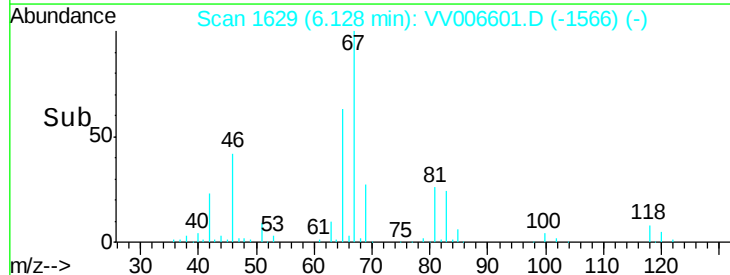
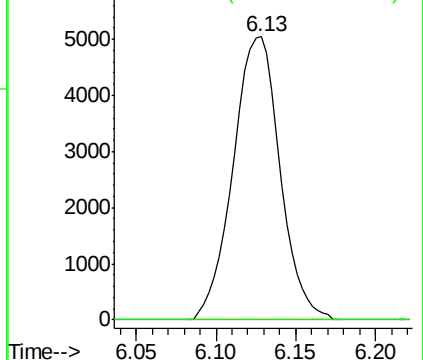


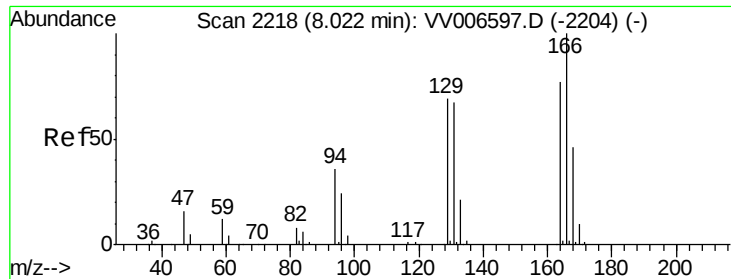
#37
1,2-Dichloropropane
Concen: 0.449 ug/L
RT: 6.13 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VV006601.D
Acq: 13 Jul 2018 19:02

Tgt Ion: 63 Resp: 10119
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

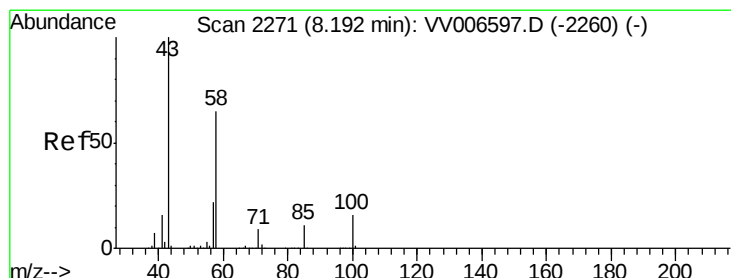
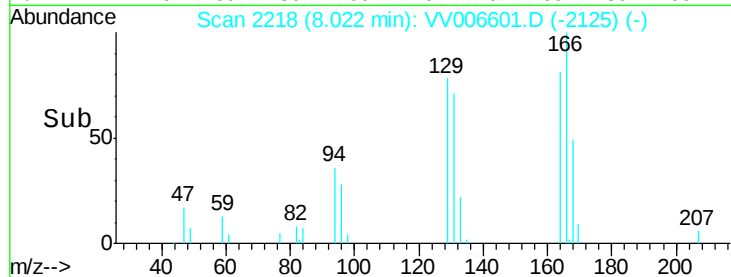
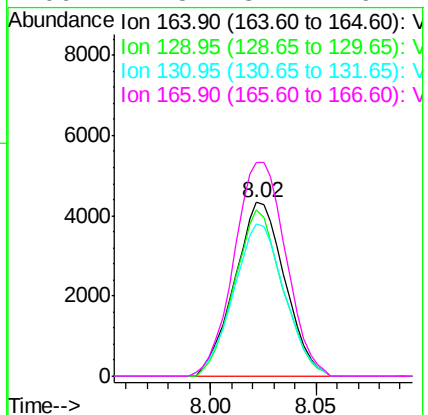
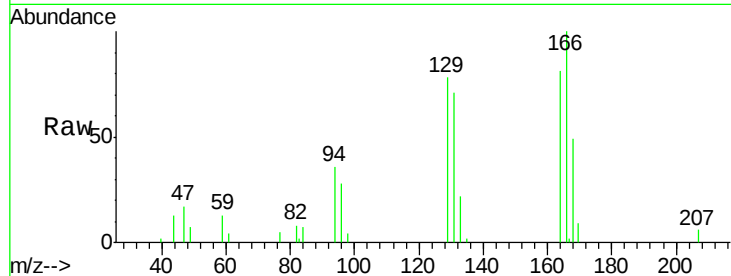




#47
Tetrachloroethene
Concen: 0.369 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VV006601.D
Acq: 13 Jul 2018 19:02

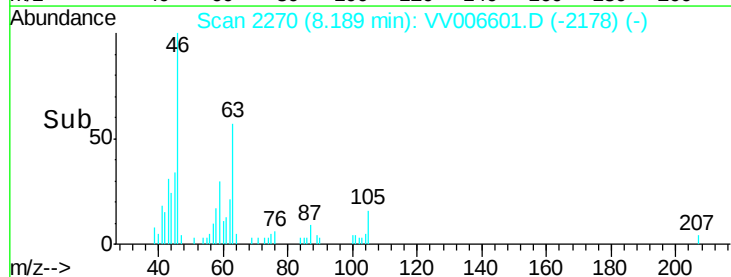
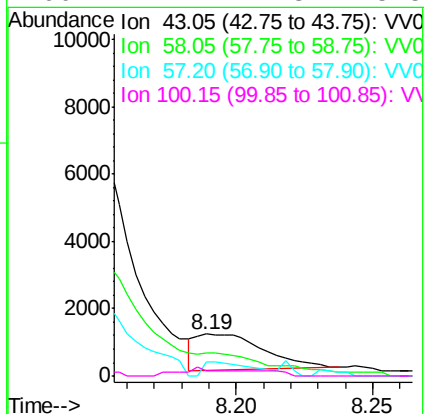
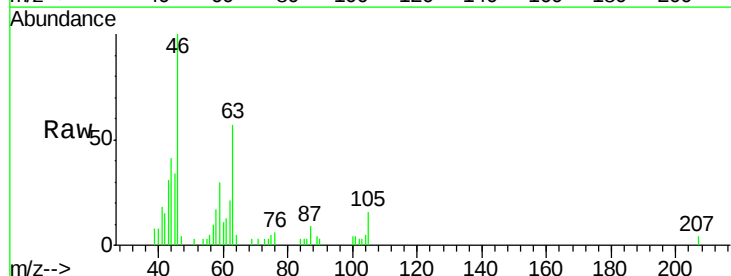
Instrument :
MSVOA_V
ClientSampleId :
C0AF5RE

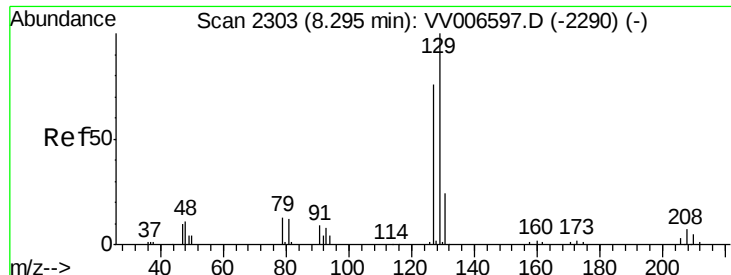
Tgt Ion: 164 Resp: 7172
Ion Ratio Lower Upper
164 100
129 95.4 62.1 115.3
131 87.7 60.8 113.0
166 122.8 87.1 161.7



#48
2-Hexanone
Concen: 0.228 ug/L
RT: 8.19 min Scan# 2270
Delta R.T. -0.00 min
Lab File: VV006601.D
Acq: 13 Jul 2018 19:02

Tgt Ion: 43 Resp: 1847
Ion Ratio Lower Upper
43 100
58 0.0 50.3 75.5#
57 28.6 17.0 25.4#
100 11.1 12.3 18.5#





#49

Dibromochloromethane

Concen: 0.386 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.27 min

Lab File: VV006601.D

Acq: 13 Jul 2018 19:02

Instrument :
MSVOA_V
ClientSampleId :
C0AF5RE

Tgt Ion:129 Resp: 6339

Ion Ratio Lower Upper

129 100

127 0.0 52.7 97.9#

