

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091218\
 Data File : VV007479.D
 Acq On : 12 Sep 2018 17:12
 Operator : SY/MD
 Sample : J4871-01
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KK8

Quant Time: Sep 13 03:16:37 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	139007	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	123536	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64966	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42881	5.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.40%
7) Chloroethane-d5	1.58	69	33183	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.13	63	67055	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.60%
20) 2-Butanone-d5	3.96	46	73899	46.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.28%
24) Chloroform-d	4.41	84	76066	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.09	65	40764	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.10	84	157383	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.00%
36) 1,2-Dichloropropane-d6	6.12	67	45060	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.36	98	158307	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.40%
43) trans-1,3-Dichloropropene-	7.67	79	21762	5.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.80%
46) 2-Hexanone-d5	8.14	63	42642	43.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.36%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	30523	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	60858	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

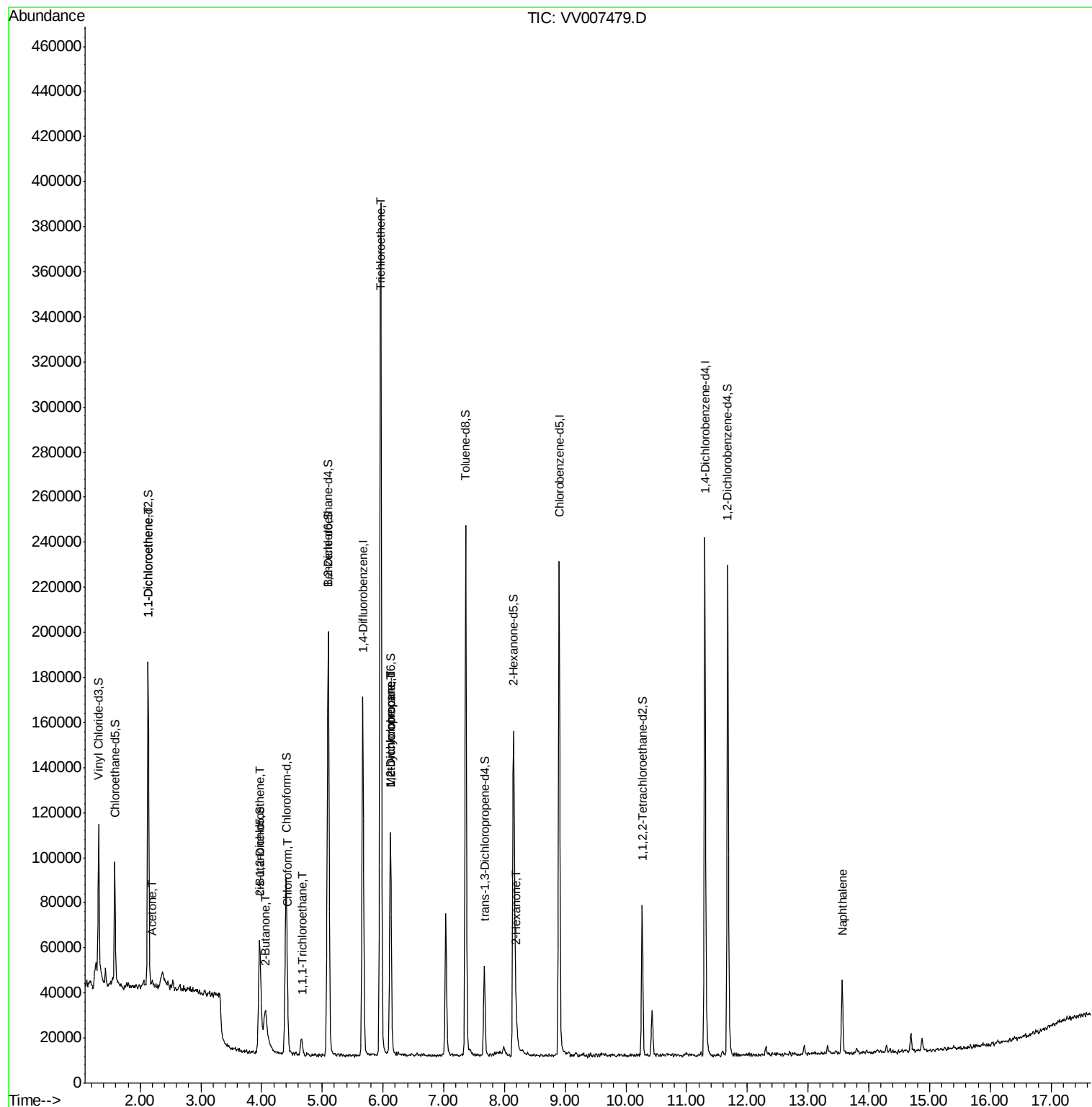
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	8717	1.215	ug/L #	1
13) Acetone	2.21	43	3179	3.400	ug/L	78
21) 2-Butanone	4.05	43	1588	1.045	ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	7517	0.998	ug/L #	93
25) Chloroform	4.43	83	3560	0.276	ug/L	85
29) 1,1,1-Trichloroethane	4.66	97	5276	0.414	ug/L	89
34) Trichloroethene	5.96	95	124831	15.362	ug/L	95
35) Methylcyclohexane	6.12	83	11679	0.926	ug/L #	21
37) 1,2-Dichloropropane	6.12	63	5562	0.815	ug/L #	88
48) 2-Hexanone	8.20	43	6750	2.386	ug/L #	46
69) Naphthalene	13.56	128	26559	1.772	ug/L	97

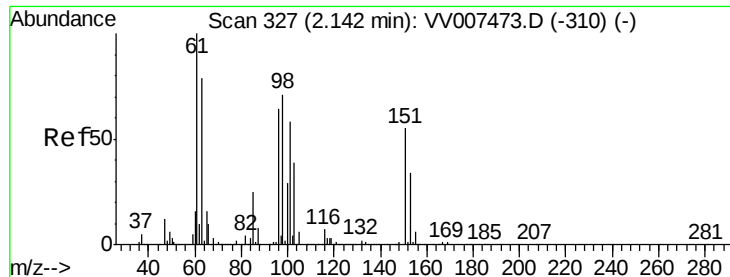
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.215 ug/L

RT: 2.14 min Scan# 327

Delta R.T. -0.00 min

Lab File: VV007479.D

Acq: 12 Sep 2018 17:12

Instrument :

MSVOA_V

ClientSampleId :

C0KK8

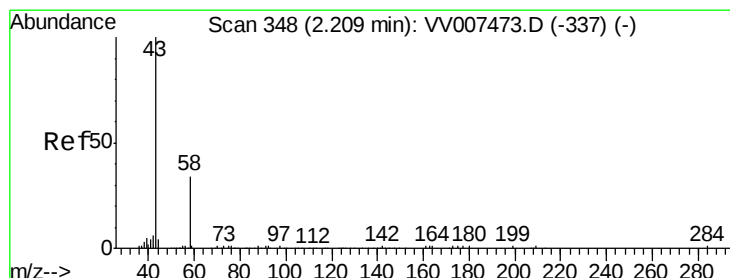
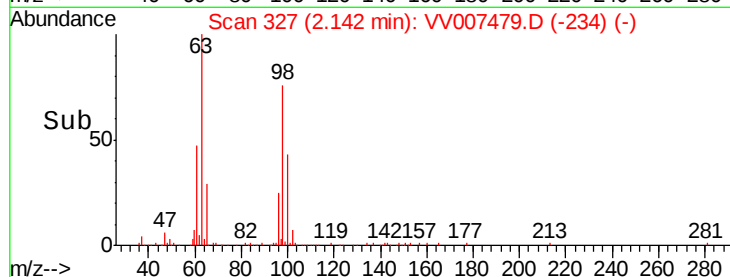
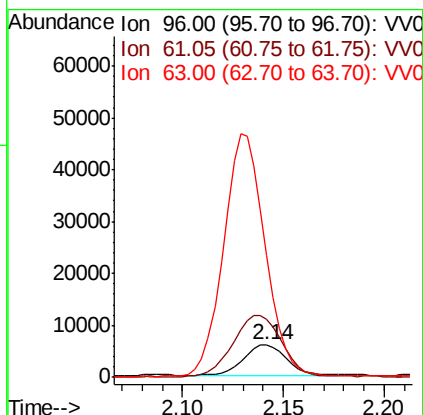
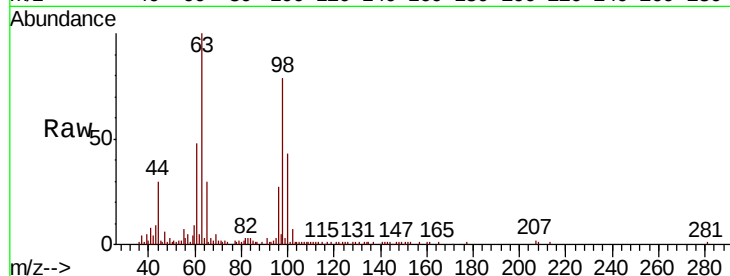
Tot Ion: 96 Resp: 8717

Ion Ratio Lower Upper

96 100

61 177.3 108.0 200.6

63 371.9 85.7 159.1#



#13

Acetone

Concen: 3.400 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.00 min

Lab File: VV007479.D

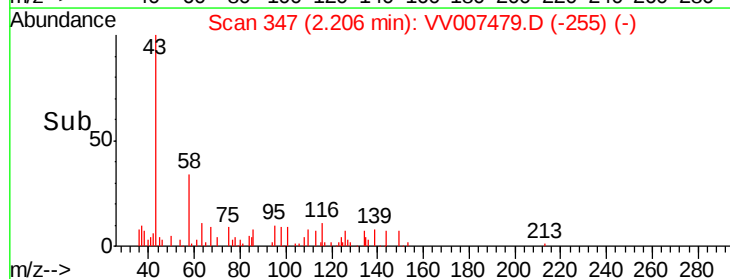
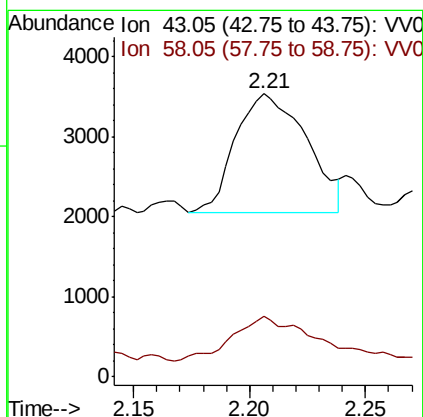
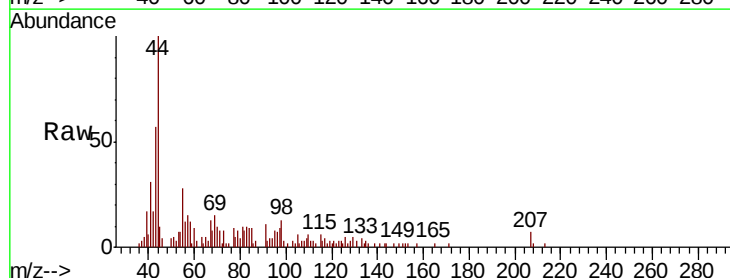
Acq: 12 Sep 2018 17:12

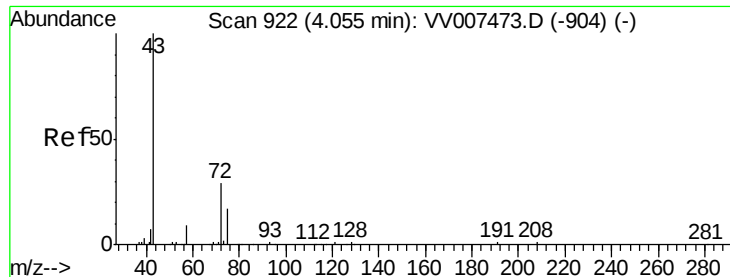
Tgt Ion: 43 Resp: 3179

Ion Ratio Lower Upper

43 100

58 44.9 0.0 65.4

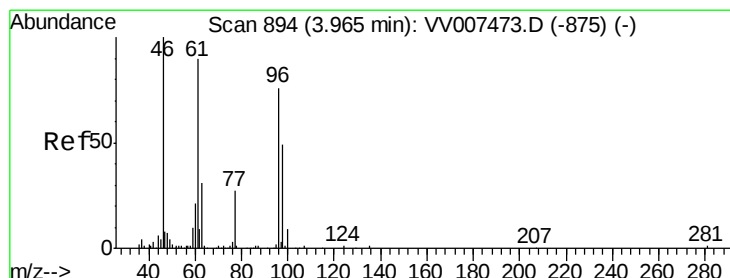
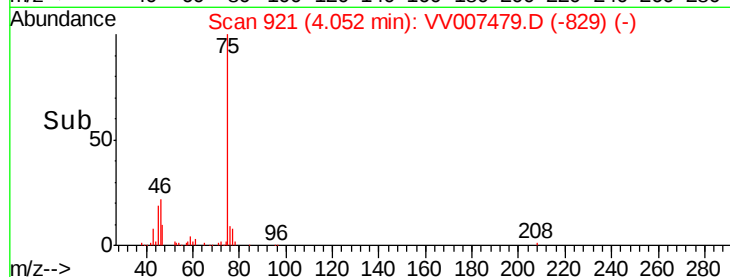
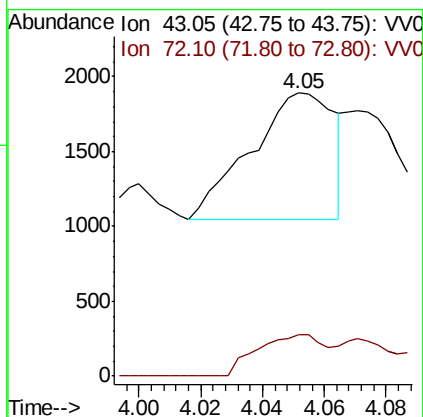
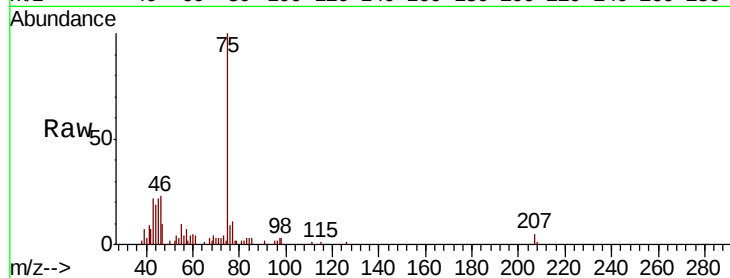




#21
2-Butanone
Concen: 1.045 ug/L
RT: 4.05 min Scan# 921
Delta R.T. -0.00 min
Lab File: VV007479.D
Acq: 12 Sep 2018 17:12

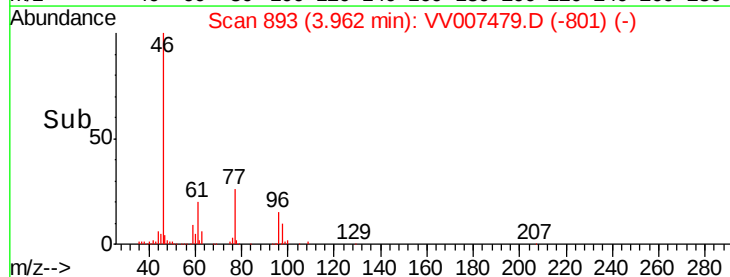
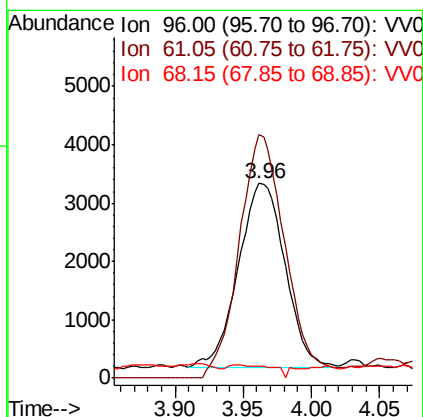
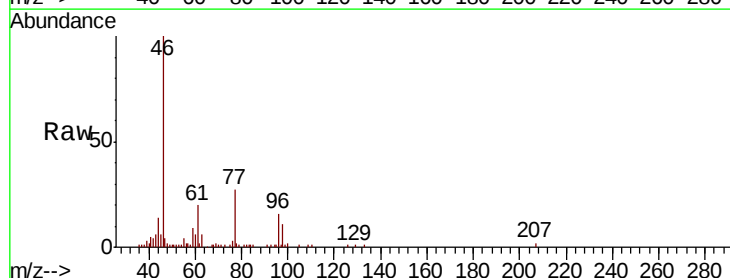
Instrument :
MSVOA_V
ClientSampleId :
C0KK8

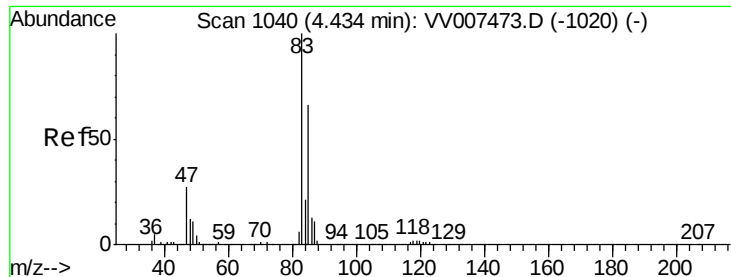
Tot Ion: 43 Resp: 1588
Ion Ratio Lower Upper
43 100
72 26.2 14.8 44.4



#22
cis-1,2-Dichloroethene
Concen: 0.998 ug/L
RT: 3.96 min Scan# 893
Delta R.T. -0.00 min
Lab File: VV007479.D
Acq: 12 Sep 2018 17:12

Tgt Ion: 96 Resp: 7517
Ion Ratio Lower Upper
96 100
61 125.2 82.6 153.4
68 6.1 1.2 2.2#

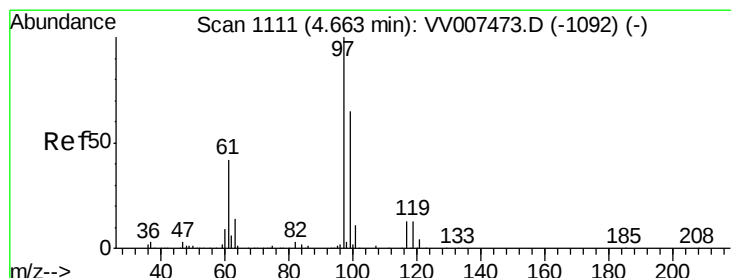
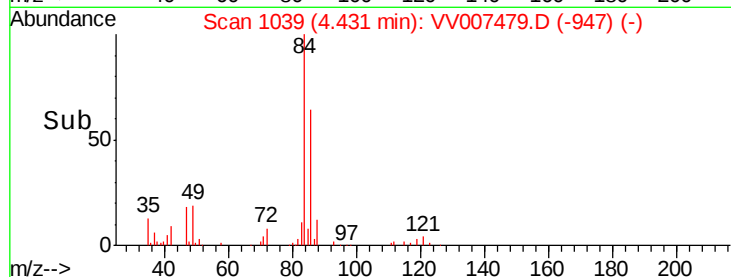
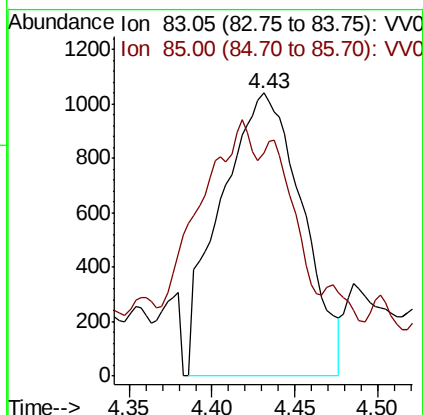
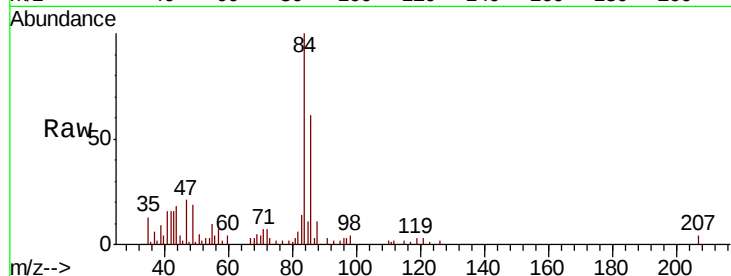




#25
Chloroform
Concen: 0.276 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VV007479.D
Acq: 12 Sep 2018 17:12

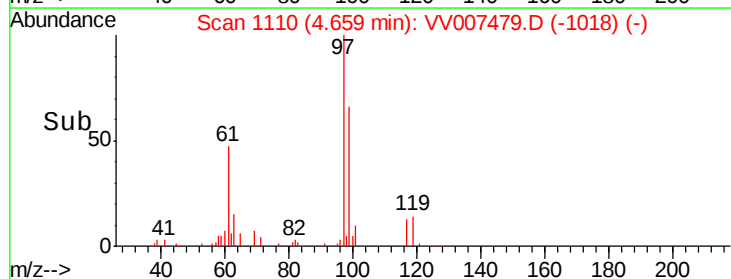
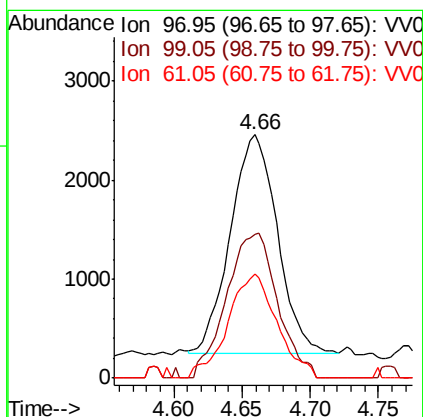
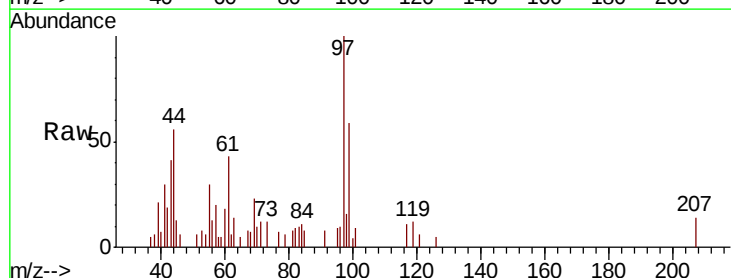
Instrument :
MSVOA_V
ClientSampled :
C0KK8

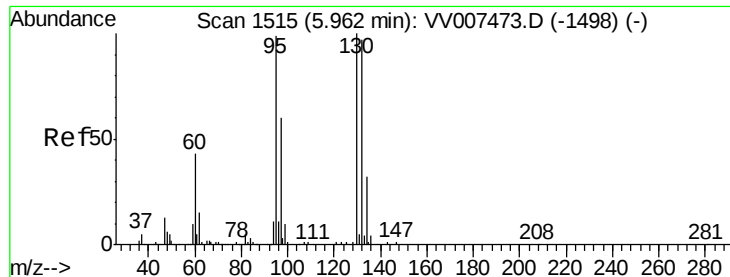
Tot Ion: 83 Resp: 3560
Ion Ratio Lower Upper
83 100
85 79.0 46.6 86.6



#29
1,1,1-Trichloroethane
Concen: 0.414 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VV007479.D
Acq: 12 Sep 2018 17:12

Tgt Ion: 97 Resp: 5276
Ion Ratio Lower Upper
97 100
99 72.1 51.2 76.8
61 49.8 33.4 50.2





#34

Trichloroethene

Concen: 15.362 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV007479.D

Acq: 12 Sep 2018 17:12

Instrument :

MSVOA_V

ClientSampleId :

C0KK8

Tot Ion: 95 Resp: 124831

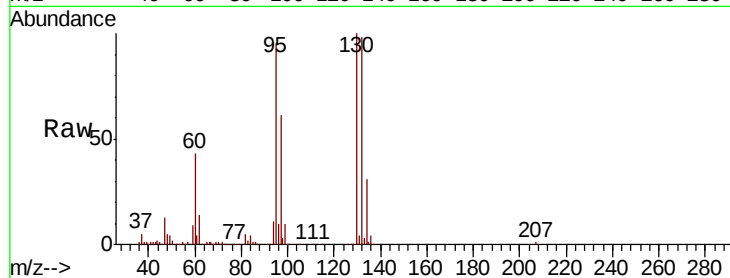
Ion Ratio Lower Upper

95 100

97 64.1 42.8 79.4

132 102.7 67.6 125.6

130 104.9 69.6 129.2

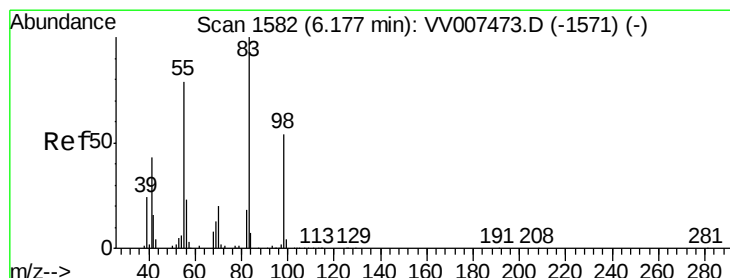
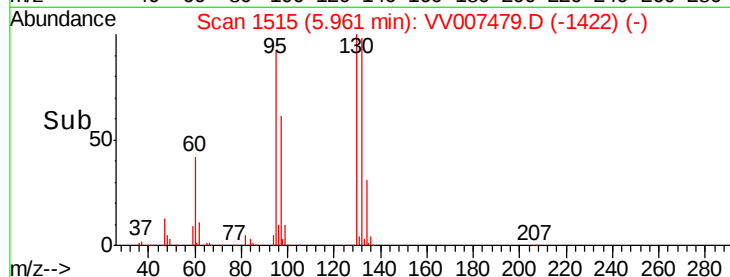
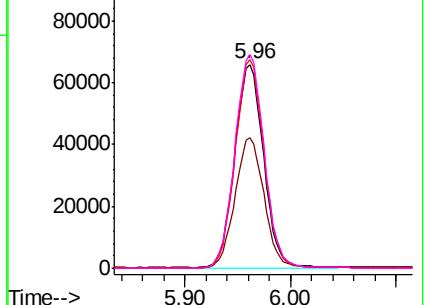


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#35

Methylcyclohexane

Concen: 0.926 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV007479.D

Acq: 12 Sep 2018 17:12

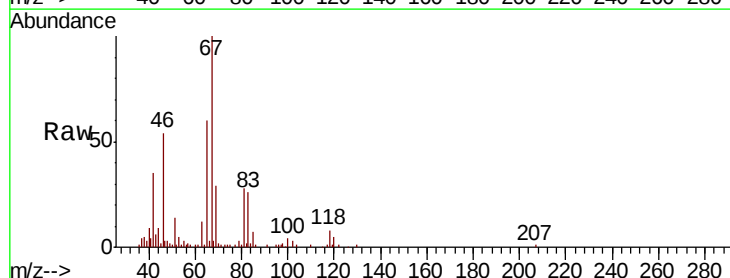
Tgt Ion: 83 Resp: 11679

Ion Ratio Lower Upper

83 100

55 0.8 57.4 86.0#

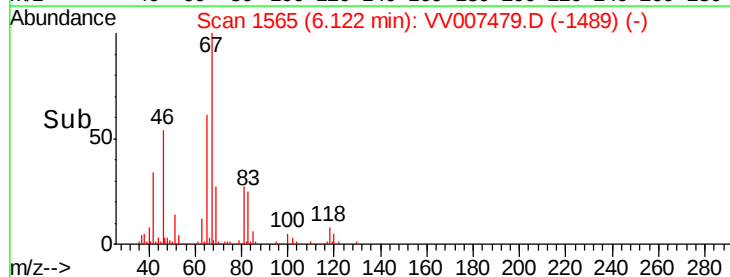
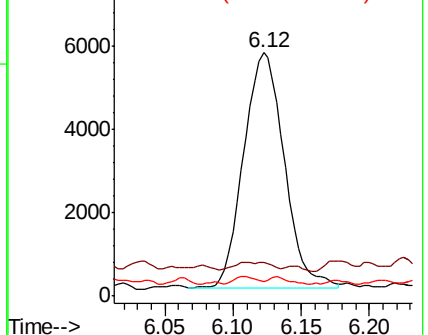
98 1.3 38.8 58.2#

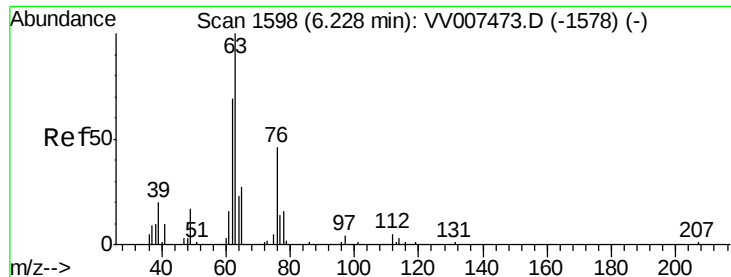


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.815 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.11 min

Lab File: VV007479.D

Acq: 12 Sep 2018 17:12

Instrument :

MSVOA_V

ClientSampled :

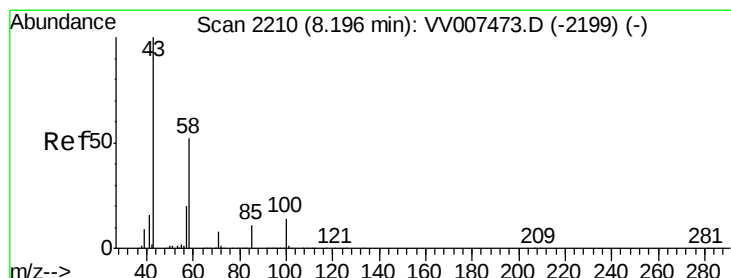
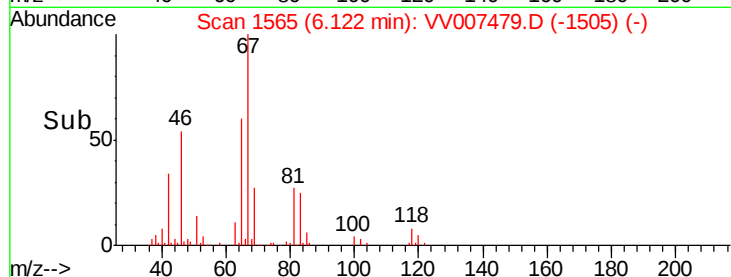
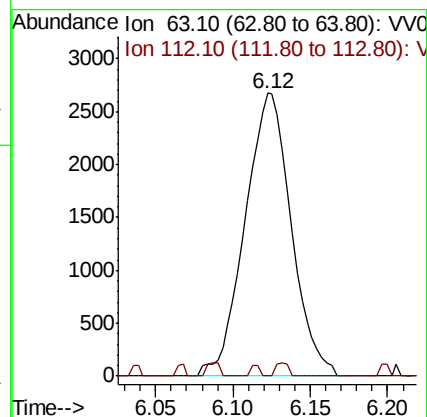
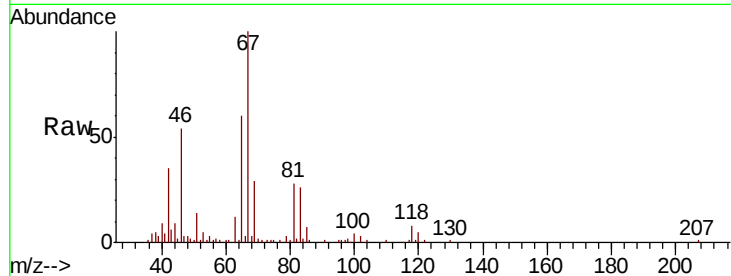
C0KK8

Tot Ion: 63 Resp: 5562

Ion Ratio Lower Upper

63 100

112 0.7 3.7 5.5#



#48

2-Hexanone

Concen: 2.386 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VV007479.D

Acq: 12 Sep 2018 17:12

Tgt Ion: 43 Resp: 6750

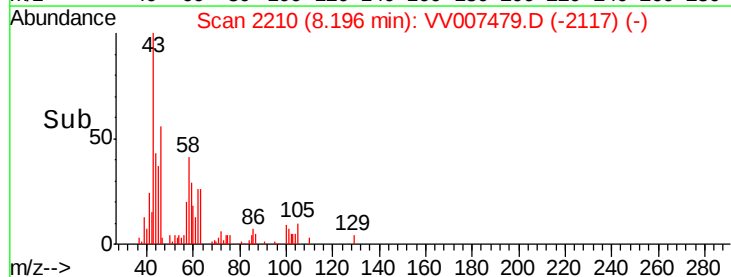
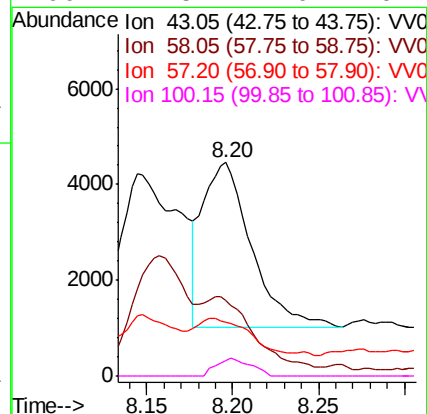
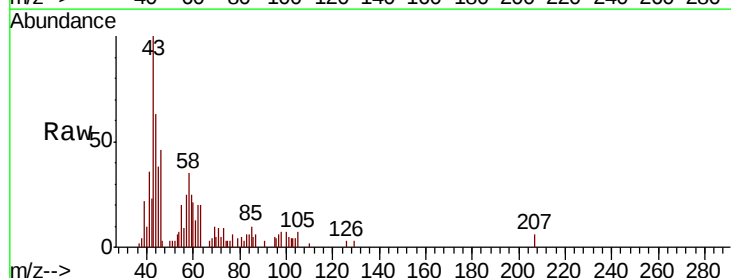
Ion Ratio Lower Upper

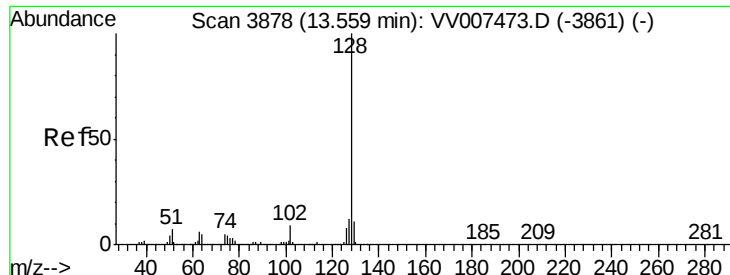
43 100

58 0.0 47.9 71.9#

57 22.3 16.2 24.2

100 7.5 11.0 16.4#





#69

Naphthalene

Concen: 1.772 ug/L

RT: 13.56 min Scan# 3878

Delta R.T. -0.00 min

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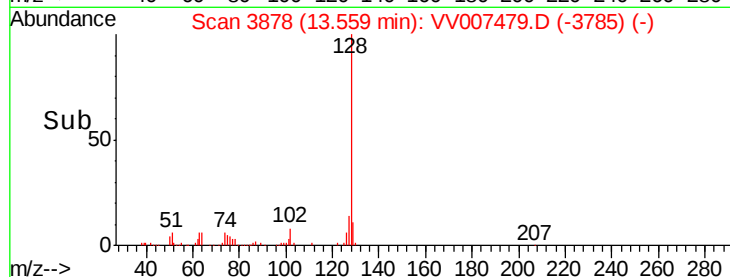
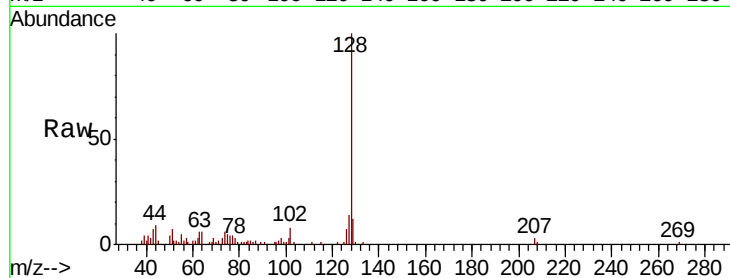
Tot Ion:128 Resp: 26559

Ion Ratio Lower Upper

128 100

129 12.7 8.7 13.1

127 14.0 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

