

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\
 Data File : VV006848.D
 Acq On : 03 Aug 2018 10:13
 Operator : SY/MD
 Sample : J4261-03MSD
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 03 11:28:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 03 04:21:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	244127	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	221082	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82644	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77926	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.58	69	74907	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.13	63	157859	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.80%
20) 2-Butanone-d5	3.95	46	243878	59.47	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.94%
24) Chloroform-d	4.41	84	154668	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	5.09	65	81619	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
32) Benzene-d6	5.10	84	293650	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.12	67	102226	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.37	98	225625	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	7.67	79	28994	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.14	63	149097	48.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.10%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81470	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	75520	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

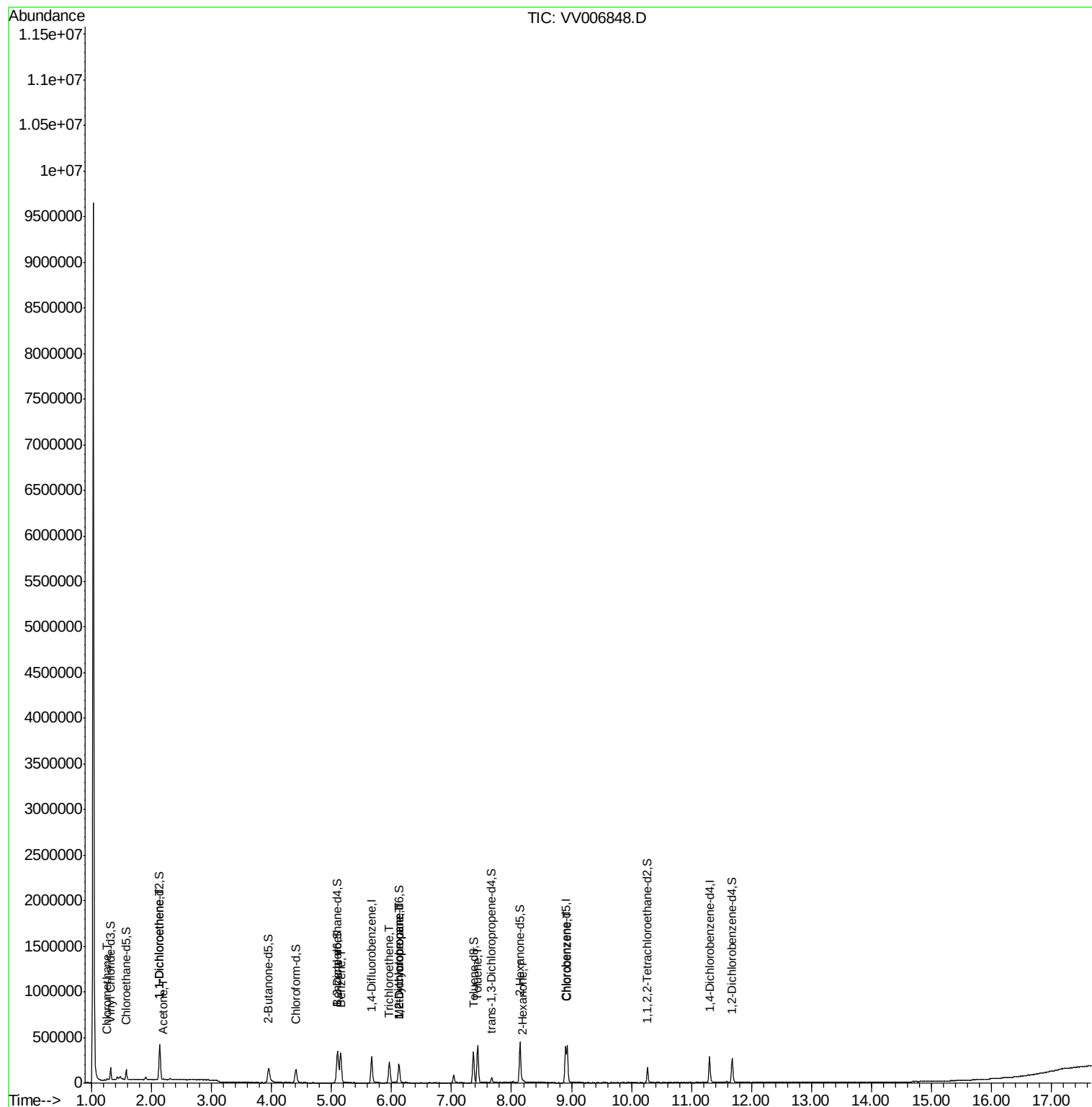
					Ovalue
3) Chloromethane	1.25	50	13490	0.479 ug/L	99
12) 1,1-Dichloroethene	2.14	96	75236	4.822 ug/L	94
13) Acetone	2.19	43	6822	2.359 ug/L	93
33) Benzene	5.15	78	336911	4.960 ug/L	100
34) Trichloroethene	5.96	95	79133	4.577 ug/L	99
35) Methylcyclohexane	6.12	83	23840	0.868 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	11342	0.637 ug/L #	91
42) Toluene	7.44	91	299887	4.488 ug/L	97
48) 2-Hexanone	8.19	43	4536	0.678 ug/L #	93
51) Chlorobenzene	8.93	112	211496	4.917 ug/L	99

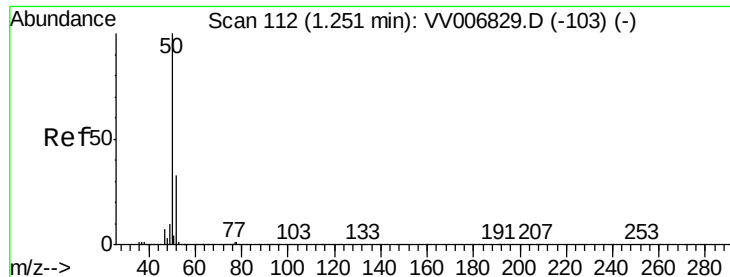
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 03 04:21:42 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.479 ug/L

RT: 1.25 min Scan# 113

Delta R.T. 0.00 min

Lab File: VV006848.D

Acq: 03 Aug 2018 10:13

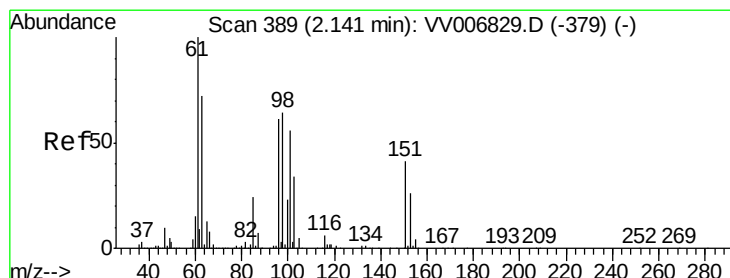
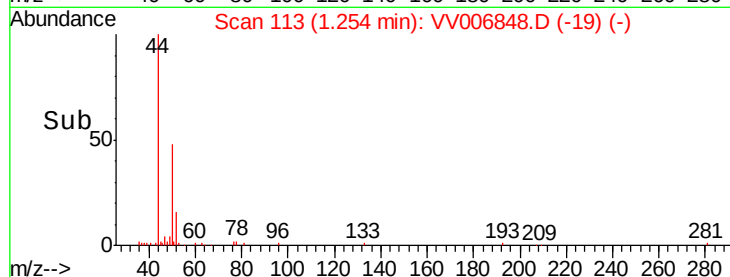
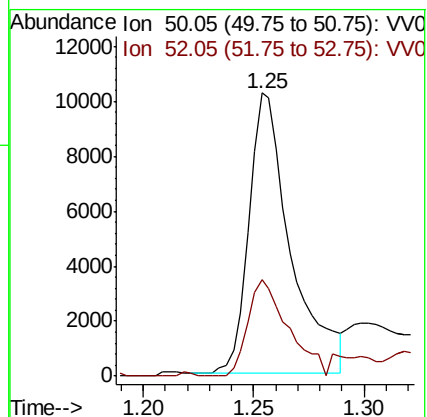
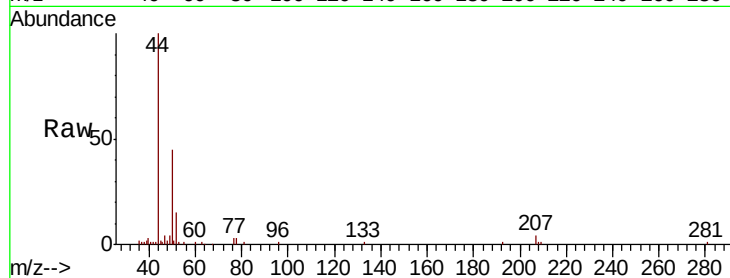
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 50 Resp: 13490

Ion Ratio Lower Upper

50 100

52 34.1 23.3 43.3



#12

1,1-Dichloroethene

Concen: 4.822 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV006848.D

Acq: 03 Aug 2018 10:13

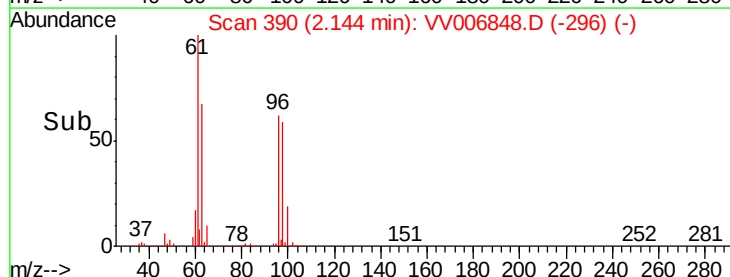
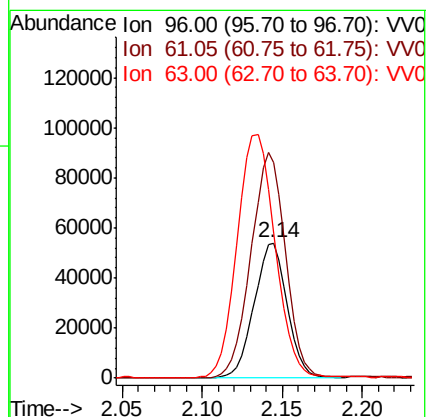
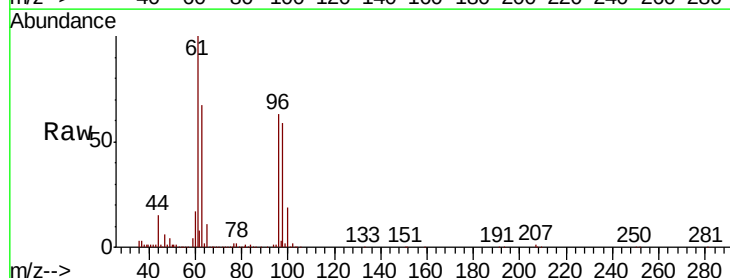
Tgt Ion: 96 Resp: 75236

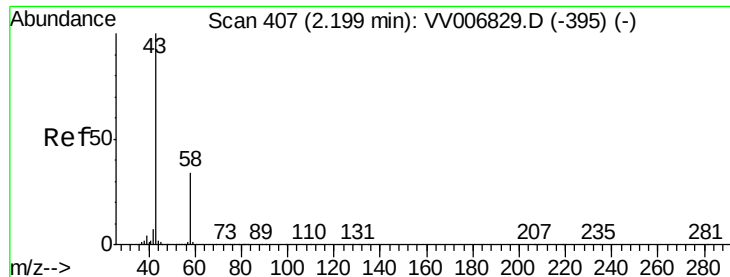
Ion Ratio Lower Upper

96 100

61 159.6 115.3 214.1

63 107.2 81.9 152.1





#13

Acetone

Concen: 2.359 ug/L

RT: 2.19 min Scan# 405

Delta R.T. -0.01 min

Lab File: VV006848.D

Acq: 03 Aug 2018 10:13

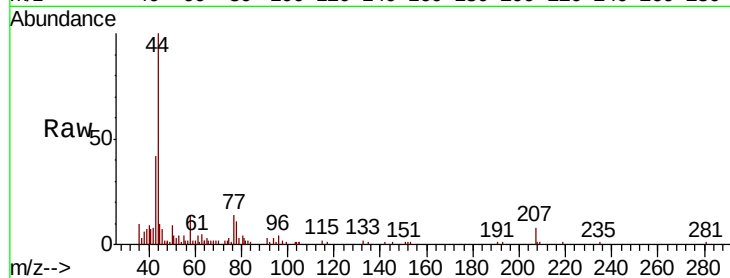
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 6822

Ion Ratio Lower Upper

43 100

58 38.8 0.0 69.0



Abundance Ion 43.05 (42.75 to 43.75): VV006829.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VV006829.D (-395) (-)

6000

5000

4000

3000

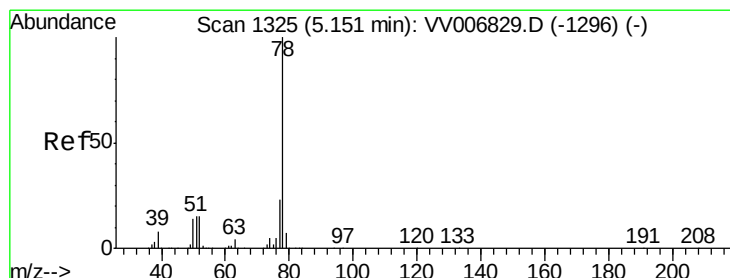
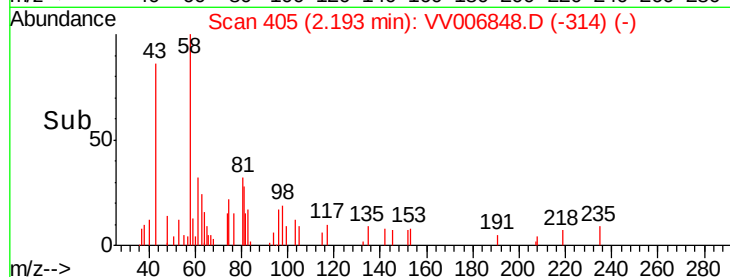
2000

1000

0

Time-->

2.15 2.20



#33

Benzene

Concen: 4.960 ug/L

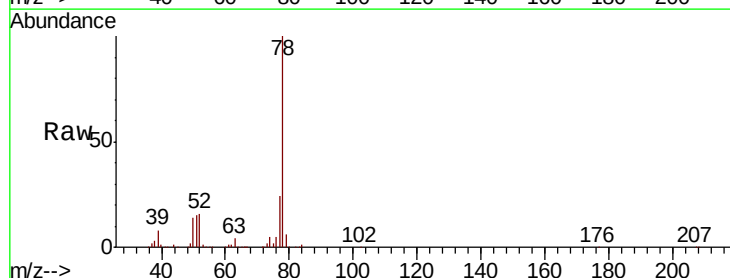
RT: 5.15 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VV006848.D

Acq: 03 Aug 2018 10:13

Tgt Ion: 78 Resp: 336911



Abundance Ion 78.10 (77.80 to 78.80): VV006829.D (-1296) (-)

150000

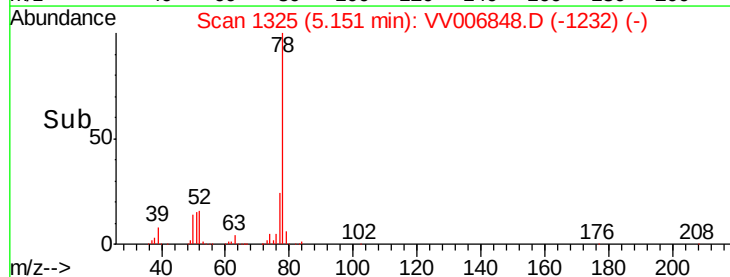
100000

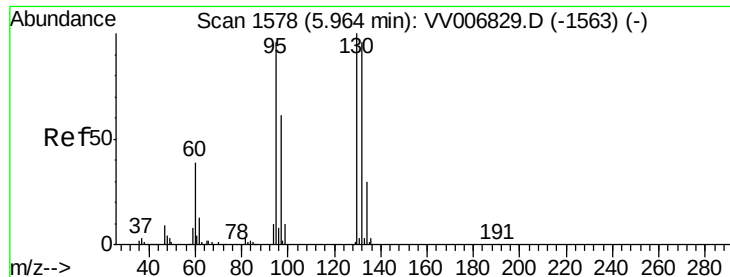
50000

0

Time-->

5.00 5.10 5.20





#34

Trichloroethene

Concen: 4.577 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV006848.D

Acq: 03 Aug 2018 10:13

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 79133

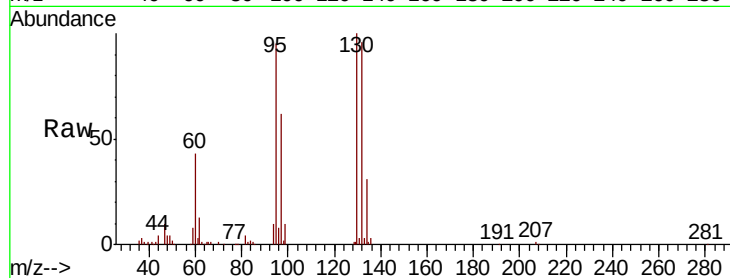
Ion Ratio Lower Upper

95 100

97 65.7 46.3 86.1

132 101.2 72.0 133.6

130 105.3 72.4 134.4

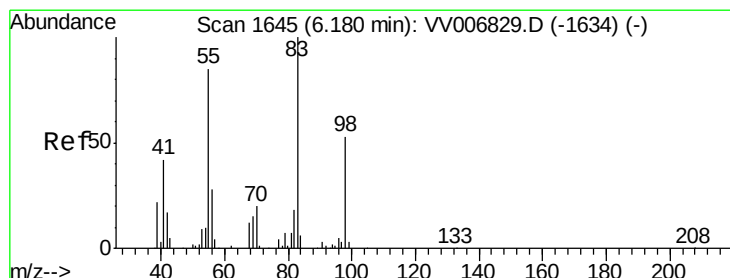
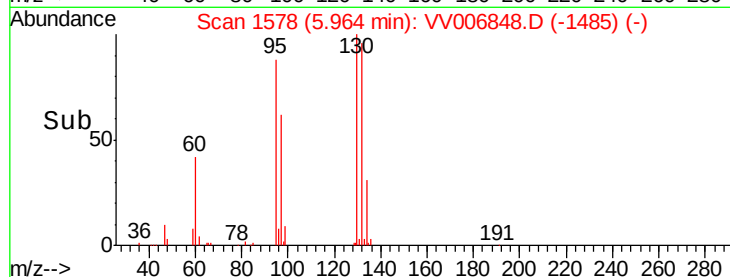
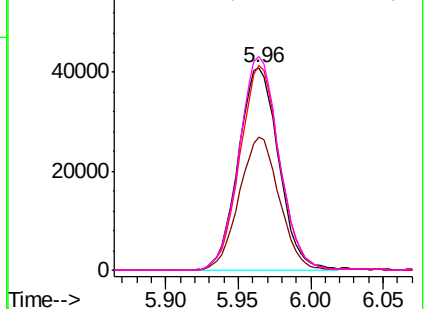


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.868 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006848.D

Acq: 03 Aug 2018 10:13

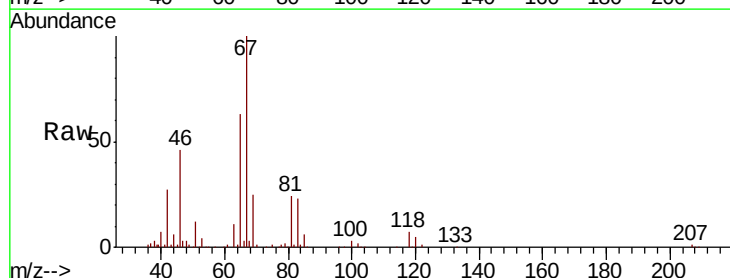
Tgt Ion: 83 Resp: 23840

Ion Ratio Lower Upper

83 100

55 0.9 61.8 92.6#

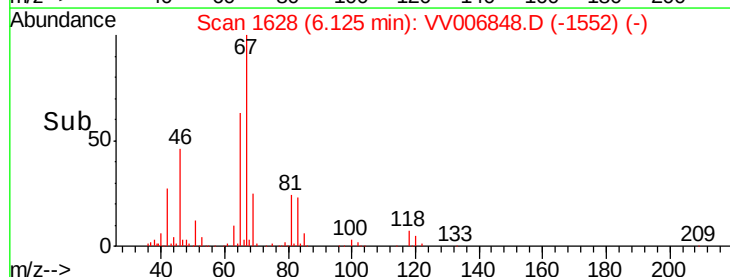
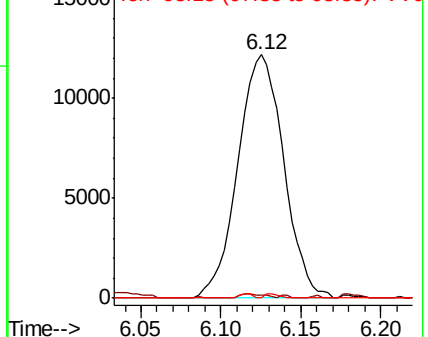
98 0.0 37.2 55.8#

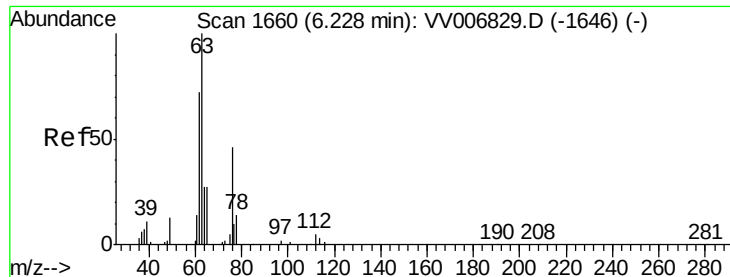


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

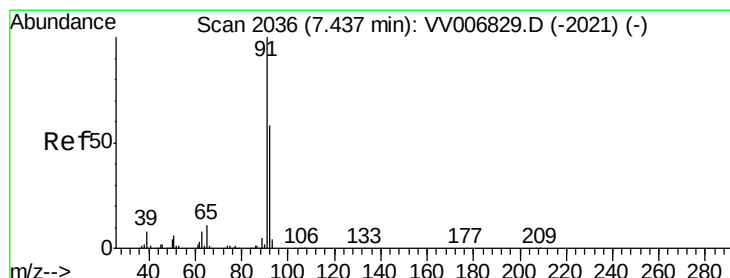
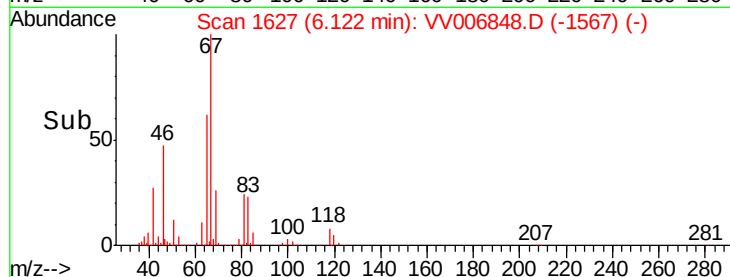
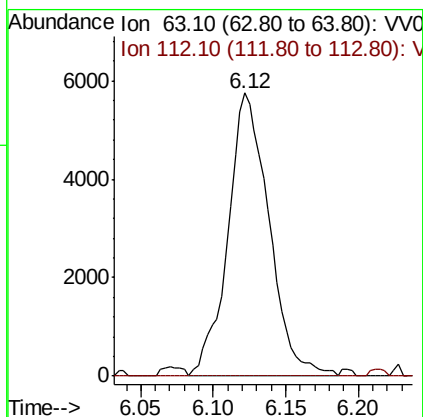
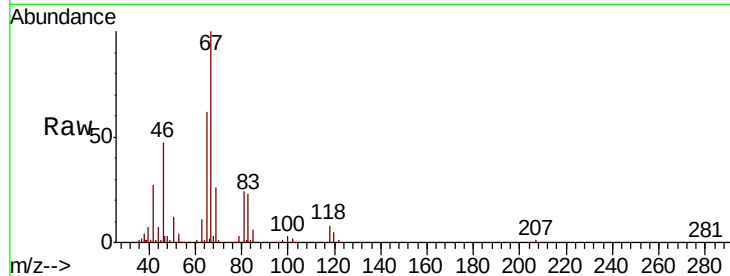




#37
 1,2-Dichloropropane
 Concen: 0.637 ug/L
 RT: 6.12 min Scan# 1627
 Delta R.T. -0.11 min
 Lab File: VV006848.D
 Acq: 03 Aug 2018 10:13

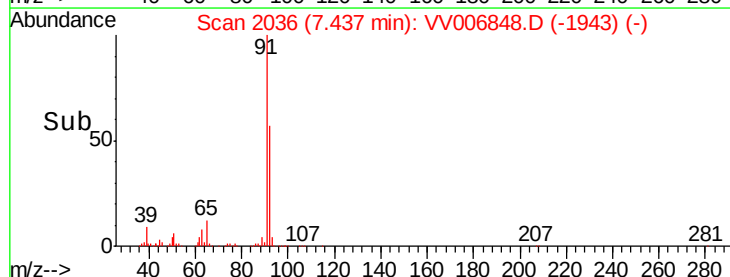
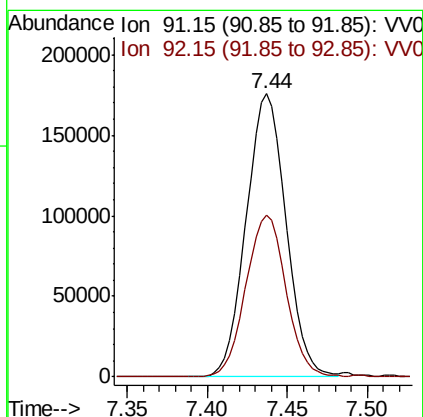
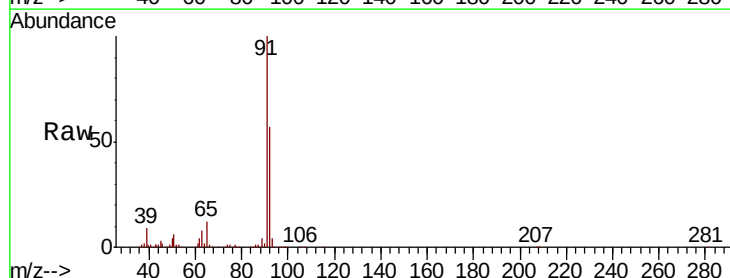
Instrument :
 MSVOA_V
 ClientSampleId :

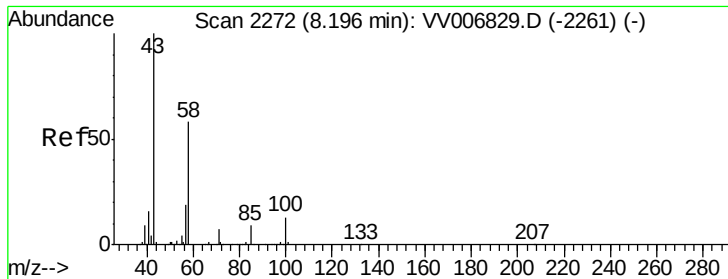
Tot Ion: 63 Resp: 11342
 Ion Ratio Lower Upper
 63 100
 112 0.9 3.0 4.6#



#42
 Toluene
 Concen: 4.488 ug/L
 RT: 7.44 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VV006848.D
 Acq: 03 Aug 2018 10:13

Tgt Ion: 91 Resp: 299887
 Ion Ratio Lower Upper
 91 100
 92 57.0 41.4 77.0

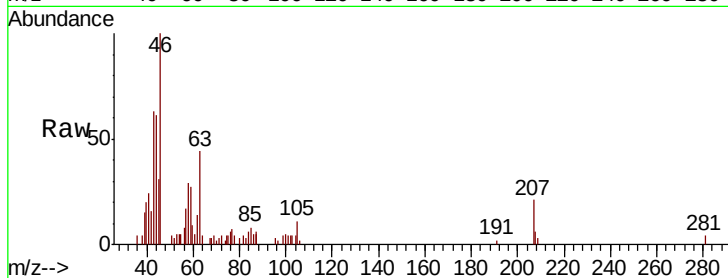




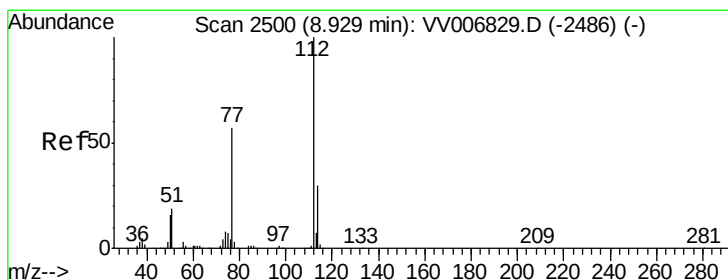
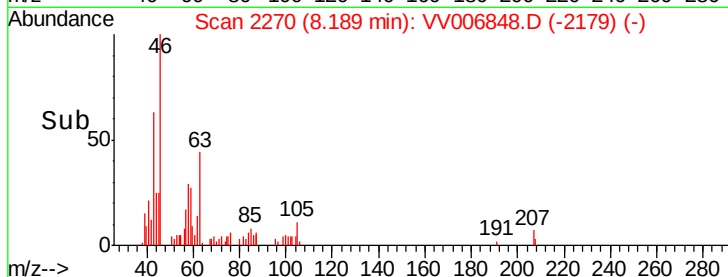
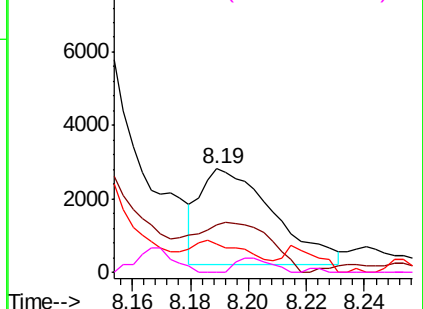
#48
2-Hexanone
Concen: 0.678 ug/L
RT: 8.19 min Scan# 2270
Delta R.T. -0.01 min
Lab File: VV006848.D
Acq: 03 Aug 2018 10:13

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 4536
Ion Ratio Lower Upper
43 100
58 53.2 45.4 68.0
57 26.6 15.4 23.2#
100 12.8 10.6 16.0

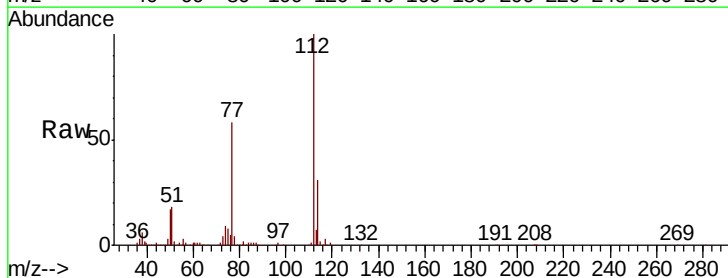


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0



#51
Chlorobenzene
Concen: 4.917 ug/L
RT: 8.93 min Scan# 2501
Delta R.T. 0.00 min
Lab File: VV006848.D
Acq: 03 Aug 2018 10:13

Tgt Ion: 112 Resp: 211496
Ion Ratio Lower Upper
112 100
114 31.5 22.3 41.5
77 58.2 46.3 69.5



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): VV0

