

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071018\
 Data File : VV006578.D
 Acq On : 10 Jul 2018 19:29
 Operator : SY/MD
 Sample : J3919-06MS
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ2MS

Quant Time: Jul 11 03:35:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 11 03:34:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	308070	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	284859	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	126203	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	69076	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.58	69	62324	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.13	63	135418	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.00%
20) 2-Butanone-d5	3.95	46	204524	48.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.14%
24) Chloroform-d	4.41	84	140282	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.09	65	70666	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.10	84	292016	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.12	67	93894	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.37	98	247203	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	7.67	79	28600	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.14	63	183742	50.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.80%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	75222	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	103386	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

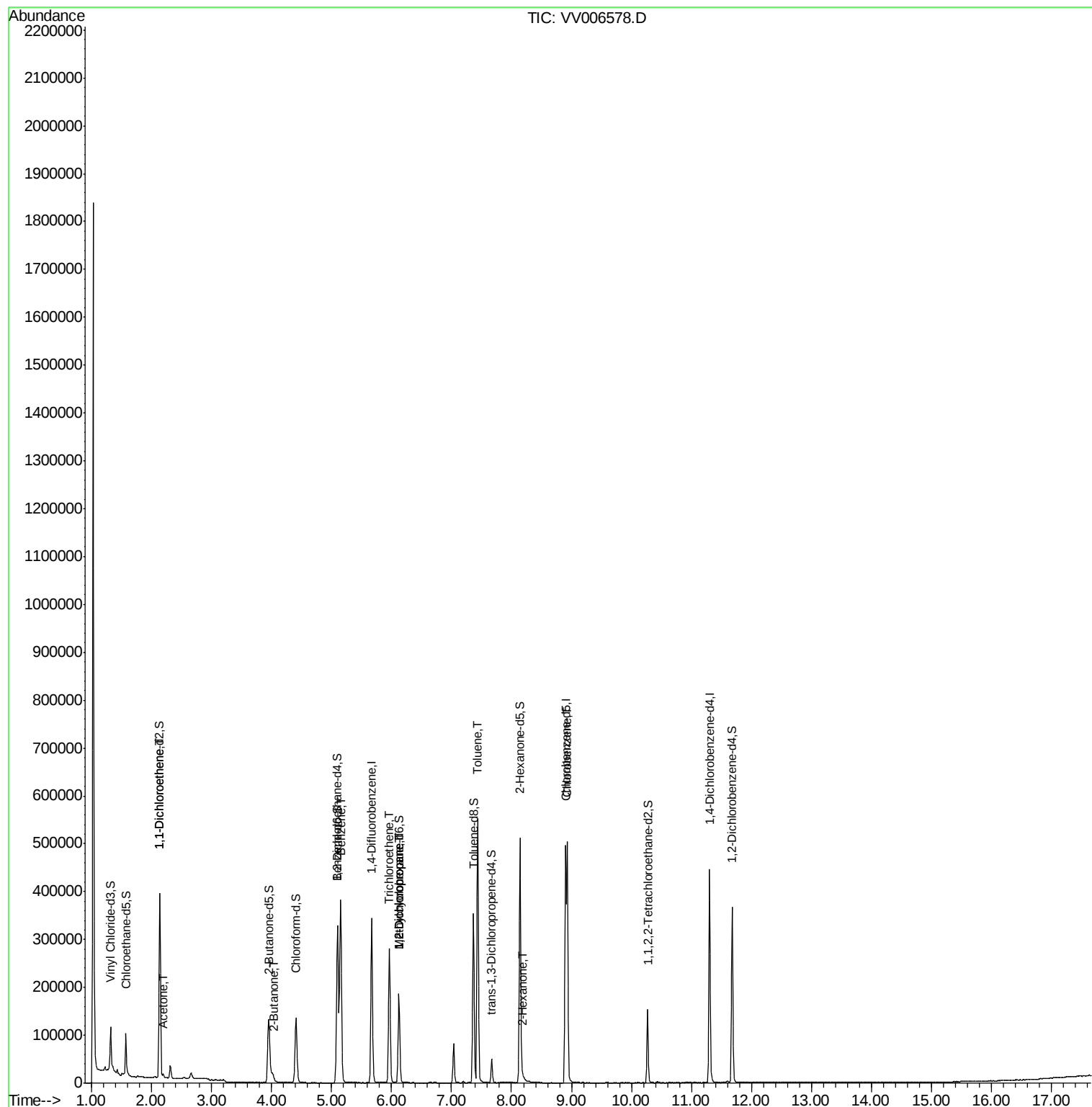
					Qvalue
12) 1,1-Dichloroethene	2.14	96	89479	4.639 ug/L	99
13) Acetone	2.20	43	6204	2.306 ug/L	92
21) 2-Butanone	4.04	43	1807	0.409 ug/L #	62
33) Benzene	5.15	78	400336	4.709 ug/L	100
34) Trichloroethene	5.96	95	98327	4.509 ug/L	98
35) Methylcyclohexane	6.12	83	22534	0.642 ug/L #	19
37) 1,2-Dichloropropane	6.13	63	8852	0.426 ug/L #	86
42) Toluene	7.44	91	418395	4.731 ug/L	99
48) 2-Hexanone	8.19	43	1744	0.233 ug/L #	40
51) Chlorobenzene	8.93	112	273312	4.724 ug/L	100

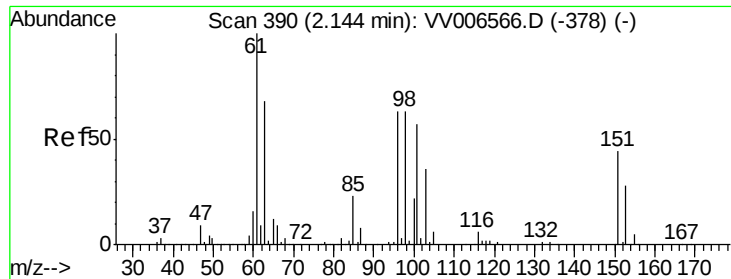
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071018\
Data File : VV006578.D
Acq On : 10 Jul 2018 19:29
Operator : SY/MD
Sample : J3919-06MS
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AJ2MS

Quant Time: Jul 11 03:35:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 11 03:34:14 2018
Response via : Initial Calibration

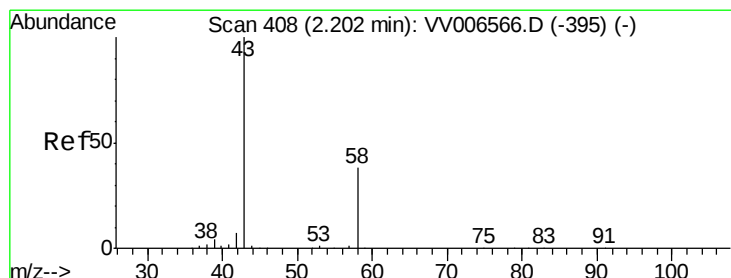
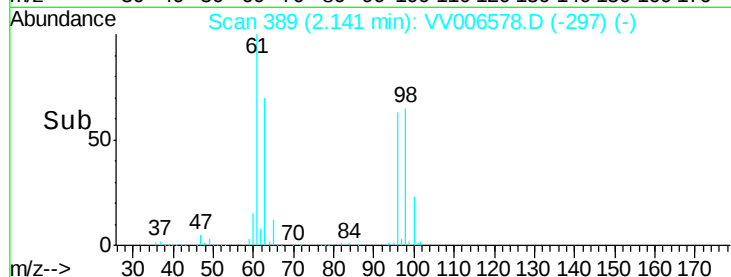
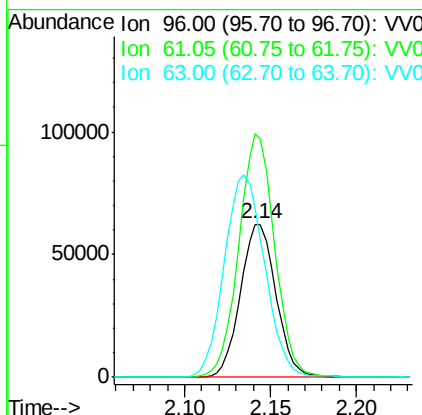
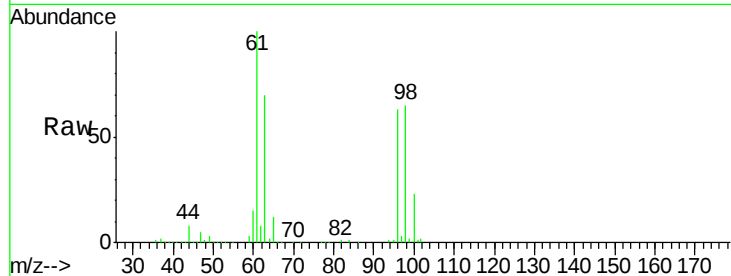




#12
 1,1-Dichloroethene
 Concen: 4.639 ug/L
 RT: 2.14 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VV006578.D
 Acq: 10 Jul 2018 19:29

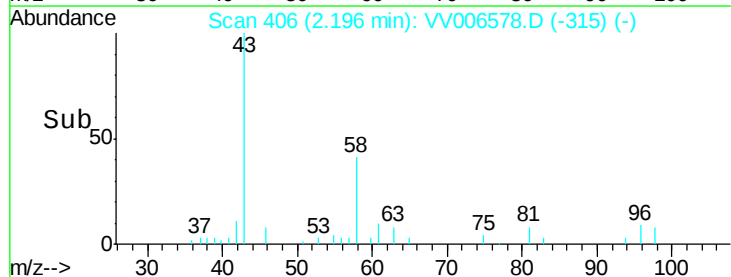
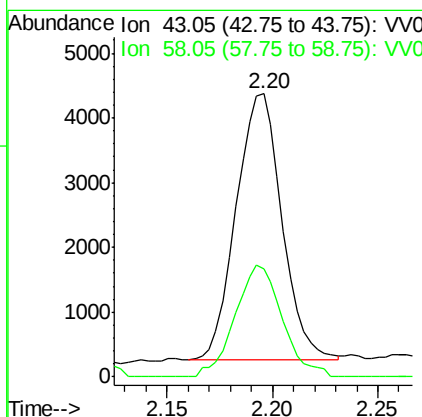
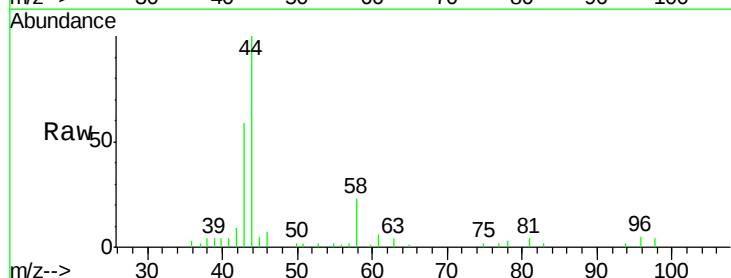
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ2MS

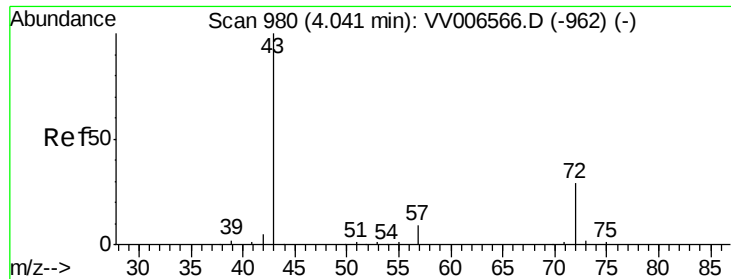
Tgt Ion: 96 Resp: 89479
 Ion Ratio Lower Upper
 96 100
 61 159.2 110.7 205.7
 63 111.1 79.0 146.8



#13
 Acetone
 Concen: 2.306 ug/L
 RT: 2.20 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: VV006578.D
 Acq: 10 Jul 2018 19:29

Tgt Ion: 43 Resp: 6204
 Ion Ratio Lower Upper
 43 100
 58 43.2 0.0 76.2





#21

2-Butanone

Concen: 0.409 ug/L

RT: 4.04 min Scan# 980

Delta R.T. -0.00 min

Lab File: VV006578.D

Acq: 10 Jul 2018 19:29

Instrument :

MSVOA_V

ClientSampleId :

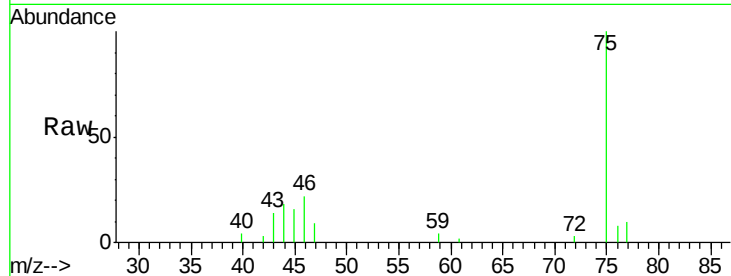
C0AJ2MS

Tgt Ion: 43 Resp: 1807

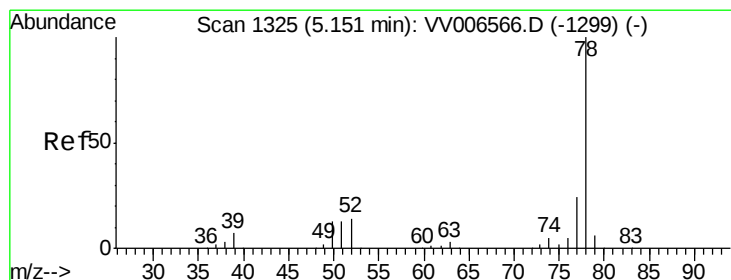
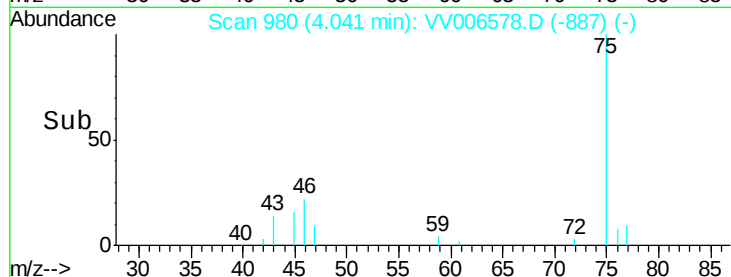
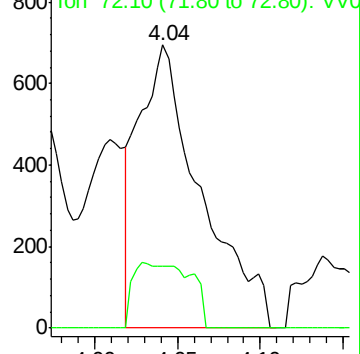
Ion Ratio Lower Upper

43 100

72 9.4 15.1 45.3#



Abundance Ion 43.05 (42.75 to 43.75): VV006578.D (-887) (-)



#33

Benzene

Concen: 4.709 ug/L

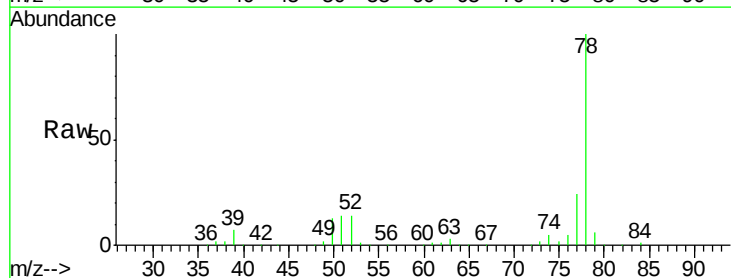
RT: 5.15 min Scan# 1326

Delta R.T. 0.00 min

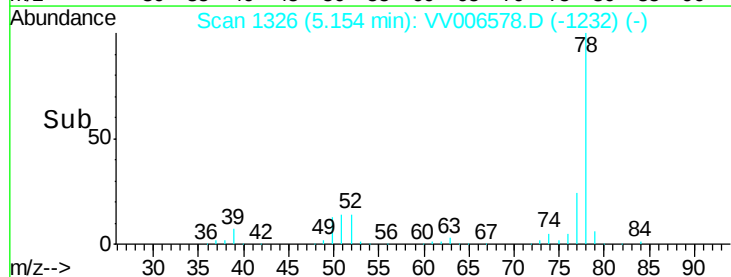
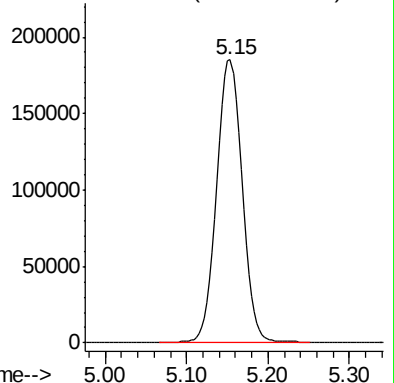
Lab File: VV006578.D

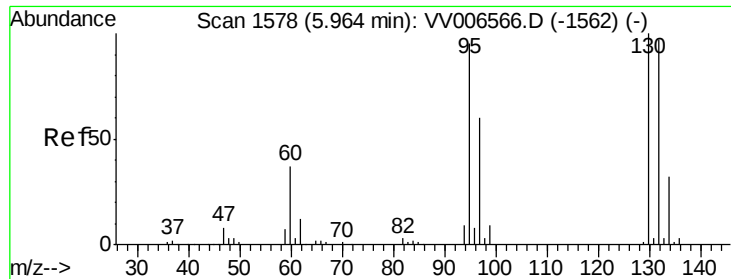
Acq: 10 Jul 2018 19:29

Tgt Ion: 78 Resp: 400336



Abundance Ion 78.10 (77.80 to 78.80): VV006578.D (-1232) (-)





#34

Trichloroethene

Concen: 4.509 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV006578.D

Acq: 10 Jul 2018 19:29

Instrument :

MSVOA_V

ClientSampleId :

C0AJ2MS

Tgt Ion: 95 Resp: 98327

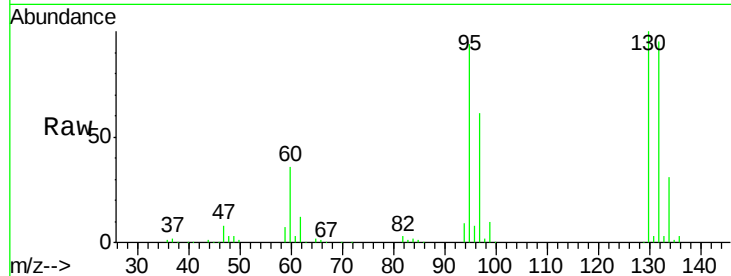
Ion Ratio Lower Upper

95 100

97 65.5 44.3 82.3

132 100.9 70.0 130.0

130 106.6 72.7 134.9

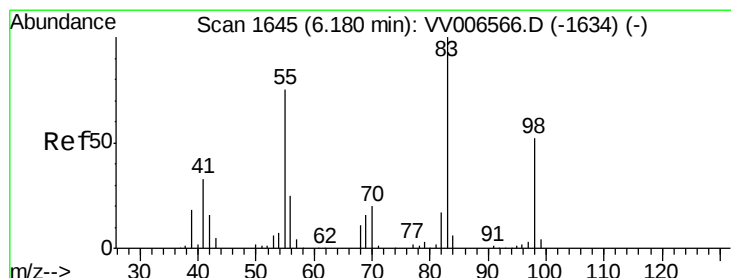
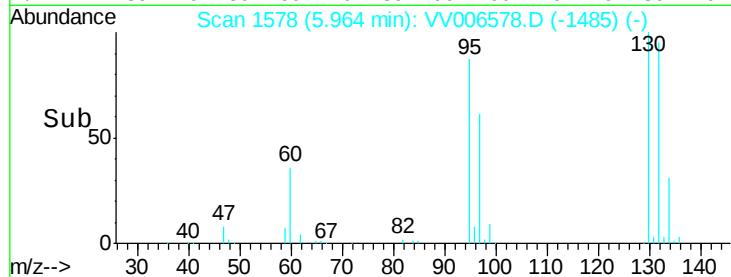
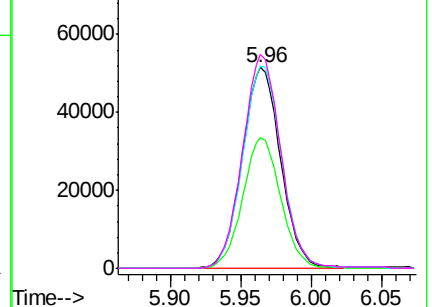


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.642 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006578.D

Acq: 10 Jul 2018 19:29

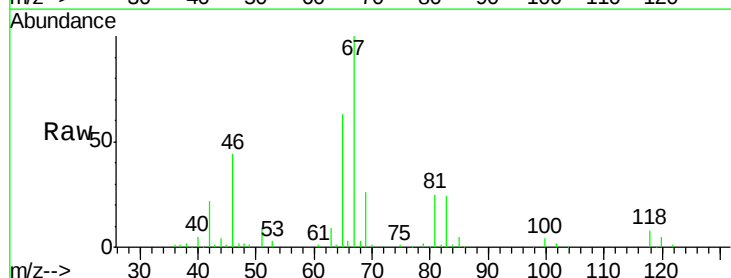
Tgt Ion: 83 Resp: 22534

Ion Ratio Lower Upper

83 100

55 0.0 58.3 87.5#

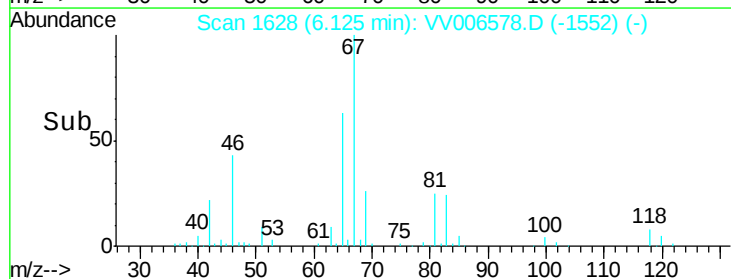
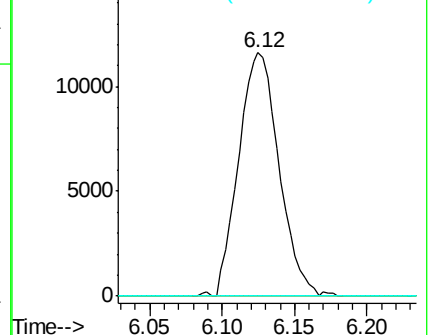
98 0.0 39.3 58.9#

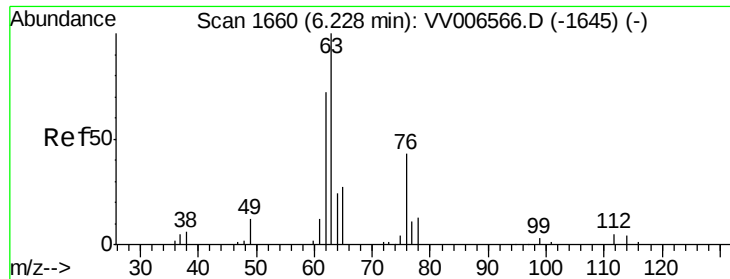


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

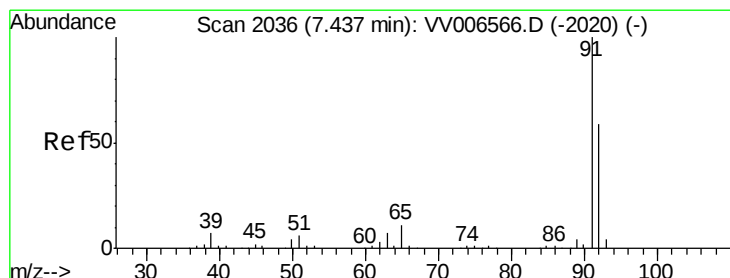
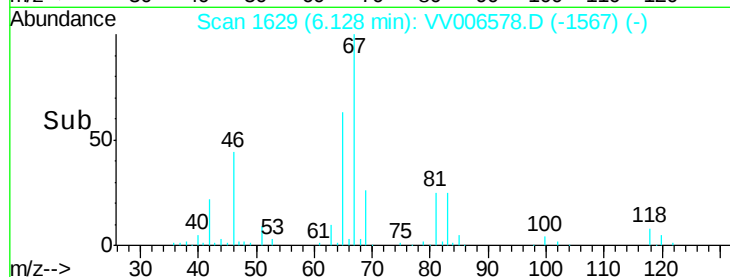
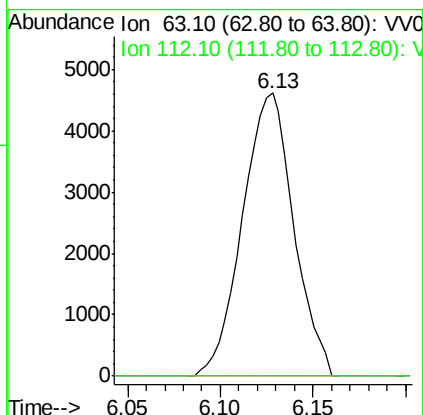
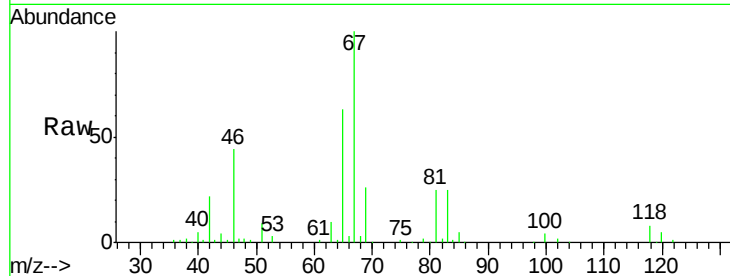




#37
 1,2-Dichloropropane
 Concen: 0.426 ug/L
 RT: 6.13 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VV006578.D
 Acq: 10 Jul 2018 19:29

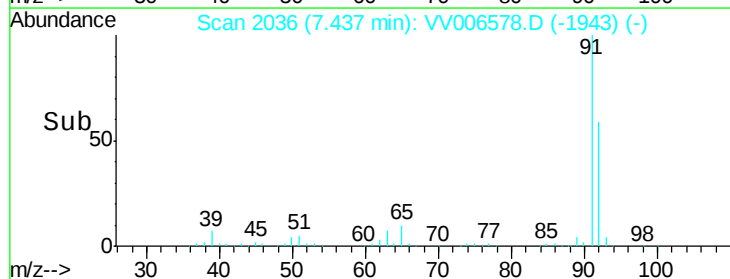
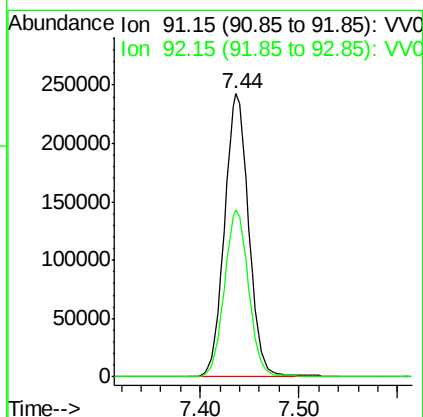
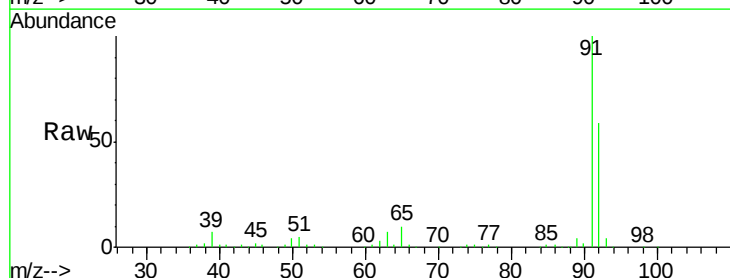
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ2MS

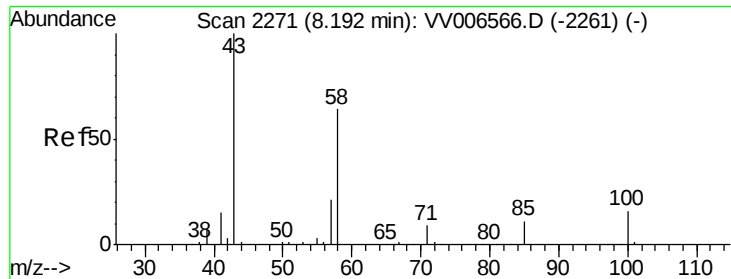
Tgt Ion: 63 Resp: 8852
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#42
 Toluene
 Concen: 4.731 ug/L
 RT: 7.44 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VV006578.D
 Acq: 10 Jul 2018 19:29

Tgt Ion: 91 Resp: 418395
 Ion Ratio Lower Upper
 91 100
 92 58.9 40.6 75.4

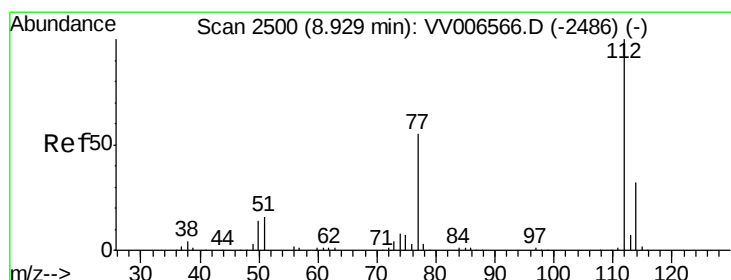
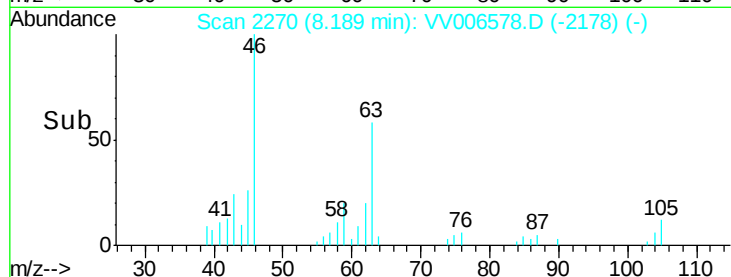
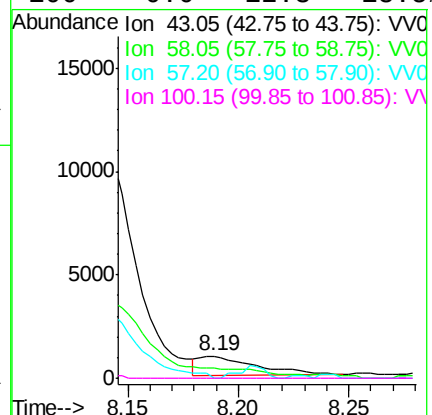
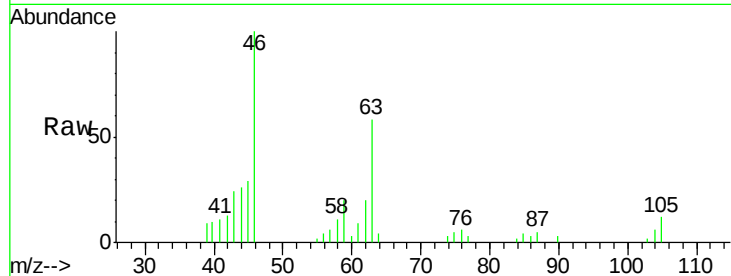




#48
2-Hexanone
Concen: 0.233 ug/L
RT: 8.19 min Scan# 2270
Delta R.T. -0.00 min
Lab File: VV006578.D
Acq: 10 Jul 2018 19:29

Instrument :
MSVOA_V
ClientSampleId :
C0AJ2MS

Tgt Ion: 43 Resp: 1744
Ion Ratio Lower Upper
43 100
58 0.0 50.3 75.5#
57 26.8 17.0 25.4#
100 0.0 12.3 18.5#



#51
Chlorobenzene
Concen: 4.724 ug/L
RT: 8.93 min Scan# 2501
Delta R.T. 0.00 min
Lab File: VV006578.D
Acq: 10 Jul 2018 19:29

Tgt Ion: 112 Resp: 273312
Ion Ratio Lower Upper
112 100
114 32.3 22.3 41.5
77 56.2 45.1 67.7

