

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062918\
 Data File : VV006506.D
 Acq On : 29 Jun 2018 13:46
 Operator : SY/MD
 Sample : J3781-03MSD
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWH0MSD

Quant Time: Jun 30 02:15:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 30 02:15:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	302266	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	267788	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	116979	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102726	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.58	69	82644	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.13	63	181353	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.00%
20) 2-Butanone-d5	3.95	46	198178	53.21	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.42%
24) Chloroform-d	4.41	84	166096	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.09	65	81578	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.11	84	370822	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
36) 1,2-Dichloropropane-d6	6.12	67	110171	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.37	98	330034	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	7.67	79	32337	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.14	63	146089	48.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.38%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	61834	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	112992	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

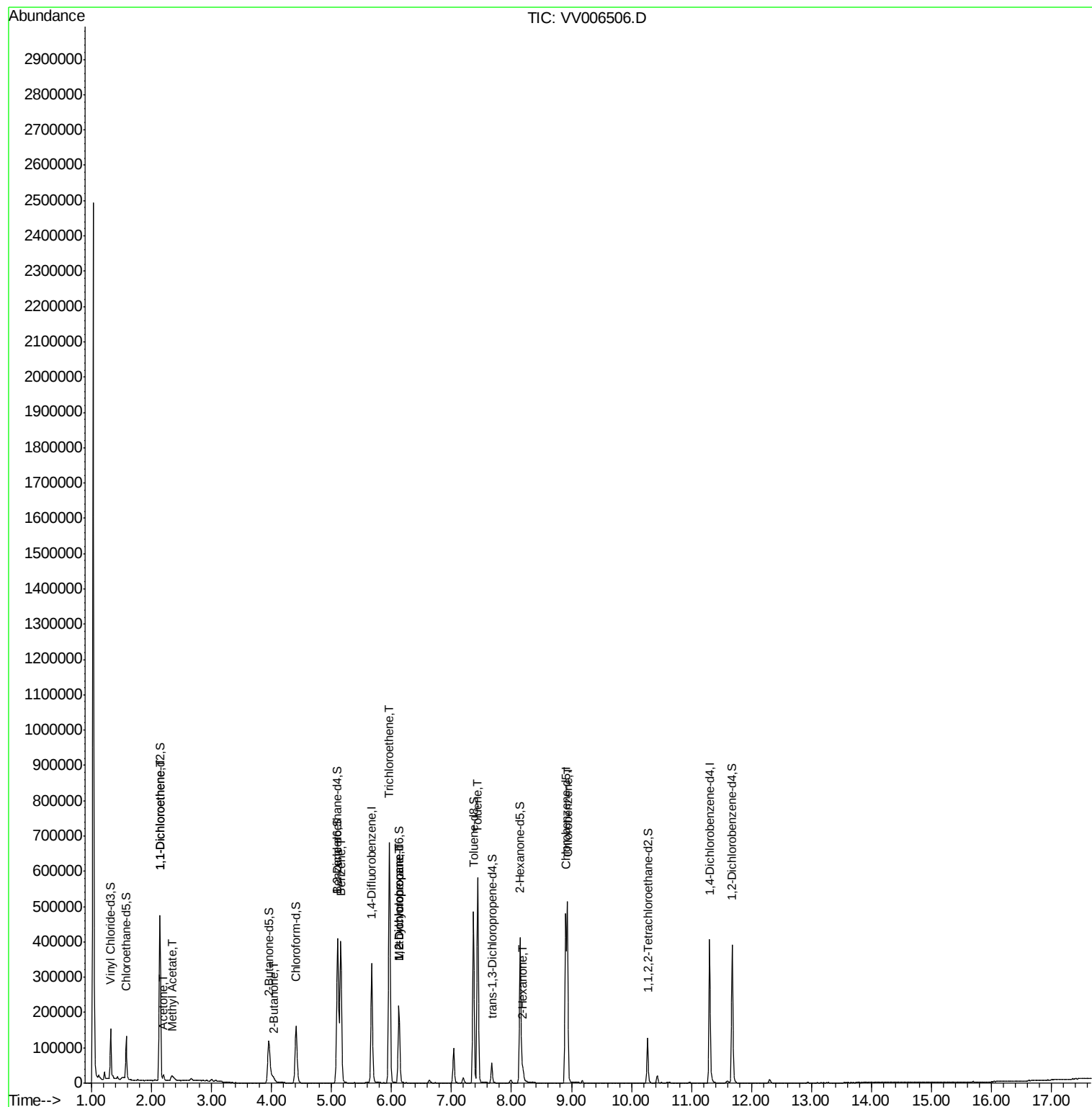
					Qvalue
12) 1,1-Dichloroethene	2.14	96	93930	5.139	ug/L 99
13) Acetone	2.20	43	15176	6.648	ug/L 100
15) Methyl Acetate	2.34	43	7033	1.046	ug/L # 47
21) 2-Butanone	4.04	43	7677	1.861	ug/L 93
33) Benzene	5.15	78	412073	5.211	ug/L 100
34) Trichloroethene	5.96	95	236935	10.473	ug/L 98
35) Methylcyclohexane	6.12	83	27104	0.824	ug/L # 20
37) 1,2-Dichloropropane	6.12	63	10776	0.558	ug/L # 85
42) Toluene	7.44	91	430969	5.146	ug/L 99
48) 2-Hexanone	8.19	43	20894	3.088	ug/L # 77
51) Chlorobenzene	8.93	112	279908	5.051	ug/L 99

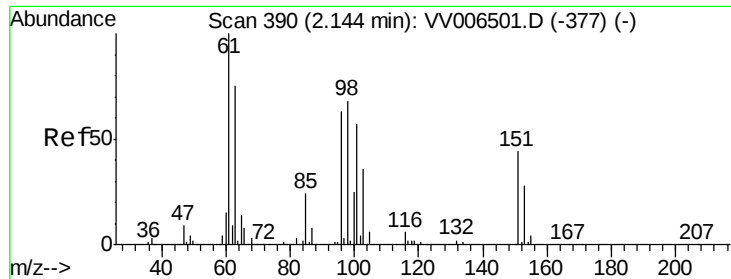
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 30 02:15:06 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.139 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV006506.D

Acq: 29 Jun 2018 13:46

Instrument :

MSVOA_V

ClientSampleId :

ESWH0MSD

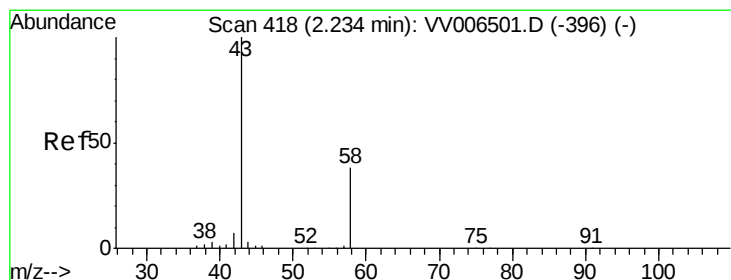
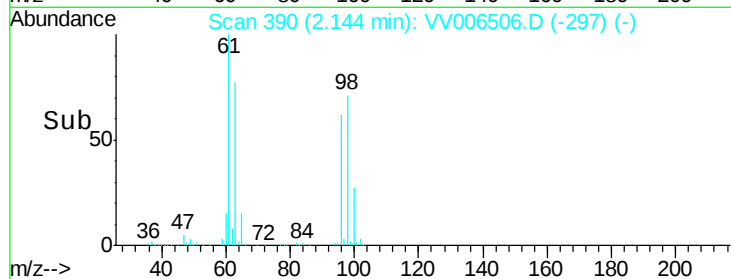
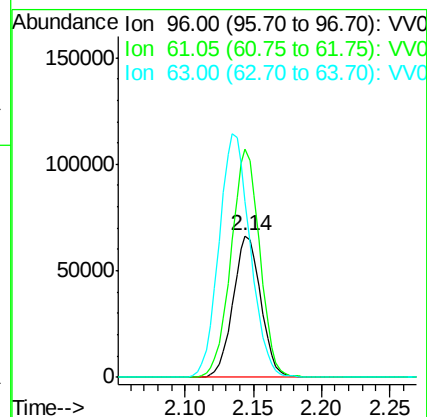
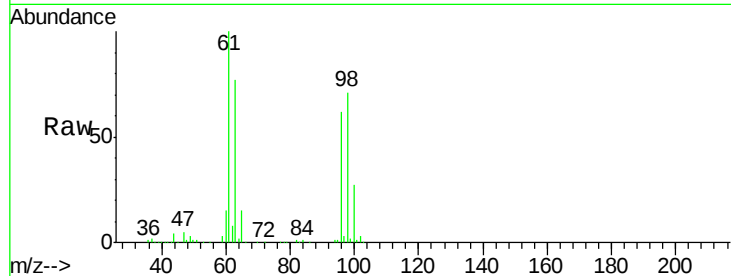
Tgt Ion: 96 Resp: 93930

Ion Ratio Lower Upper

96 100

61 161.2 111.4 207.0

63 124.4 87.4 162.2



#13

Acetone

Concen: 6.648 ug/L

RT: 2.20 min Scan# 407

Delta R.T. -0.04 min

Lab File: VV006506.D

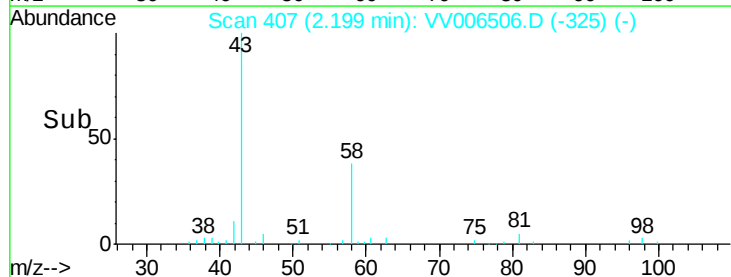
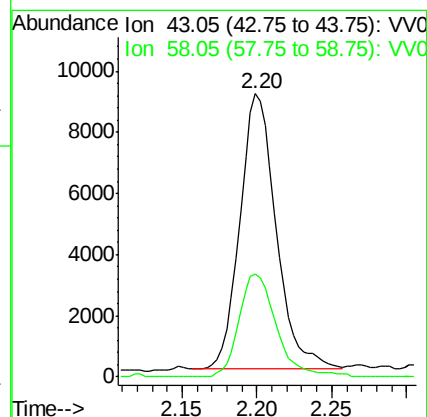
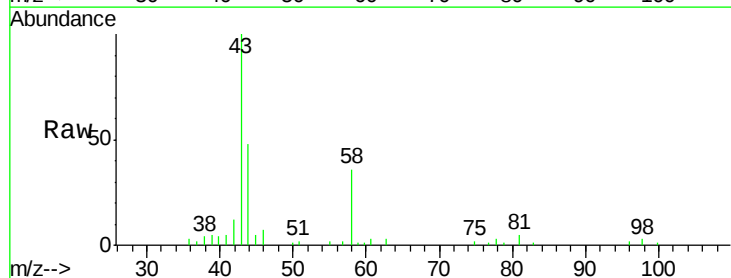
Acq: 29 Jun 2018 13:46

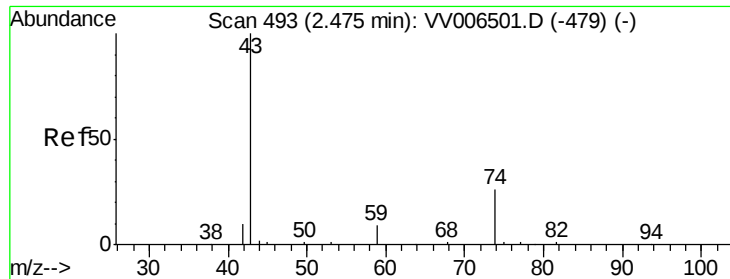
Tgt Ion: 43 Resp: 15176

Ion Ratio Lower Upper

43 100

58 38.7 0.0 77.4

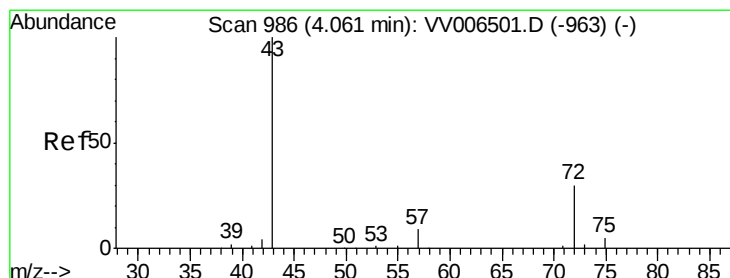
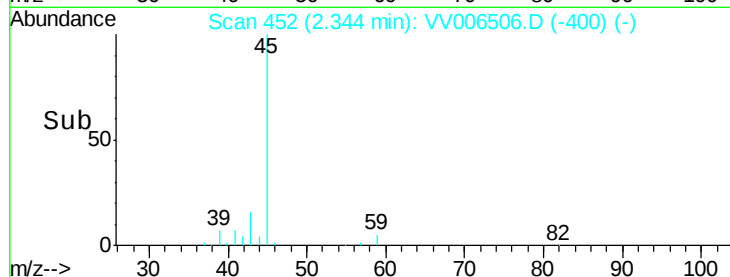
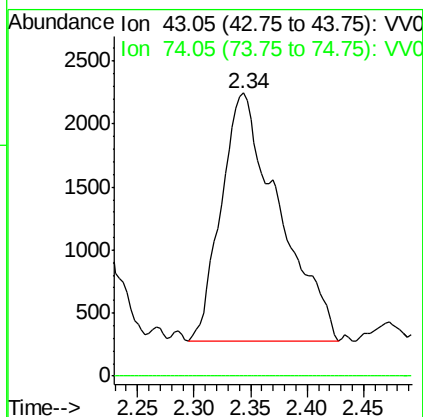
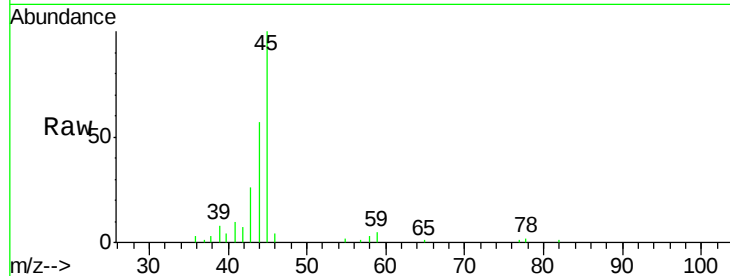




#15
Methyl Acetate
Concen: 1.046 ug/L
RT: 2.34 min Scan# 452
Delta R.T. -0.13 min
Lab File: VV006506.D
Acq: 29 Jun 2018 13:46

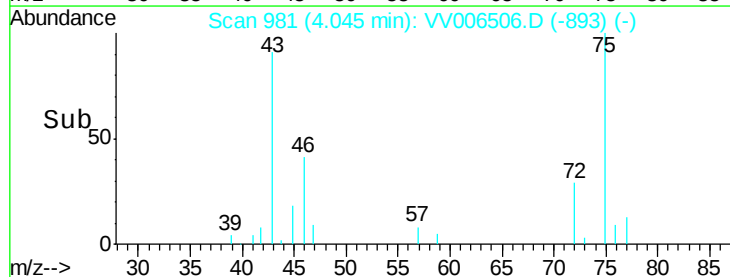
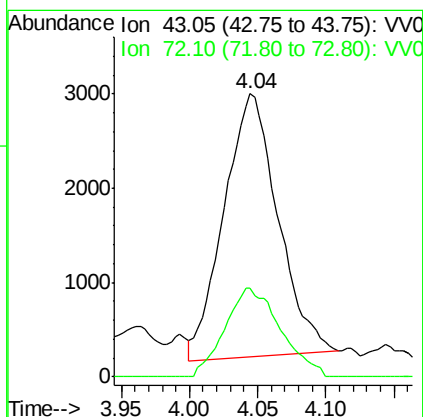
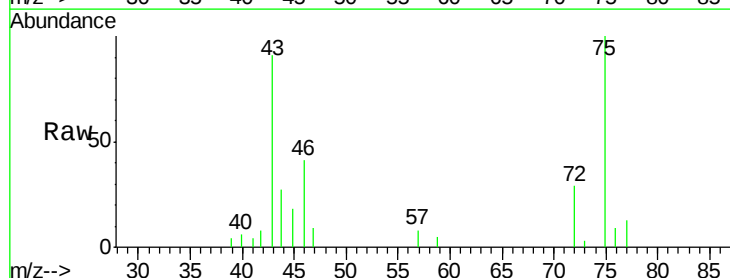
Instrument :
MSVOA_V
ClientSampleId :
ESWH0MSD

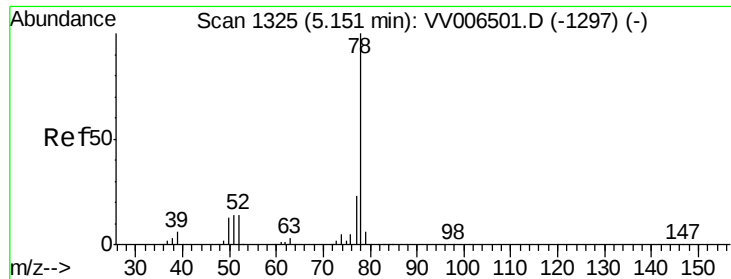
Tgt Ion: 43 Resp: 7033
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.4#



#21
2-Butanone
Concen: 1.861 ug/L
RT: 4.04 min Scan# 981
Delta R.T. -0.02 min
Lab File: VV006506.D
Acq: 29 Jun 2018 13:46

Tgt Ion: 43 Resp: 7677
Ion Ratio Lower Upper
43 100
72 34.7 15.4 46.1





#33

Benzene

Concen: 5.211 ug/L

RT: 5.15 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VV006506.D

Acq: 29 Jun 2018 13:46

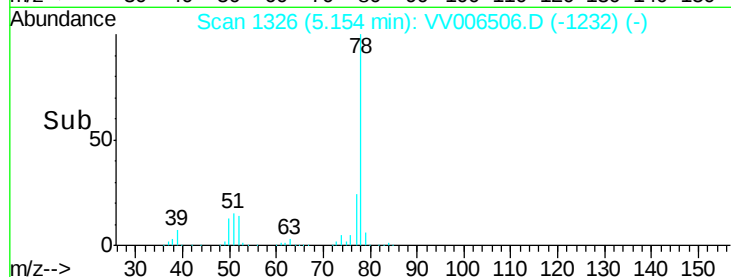
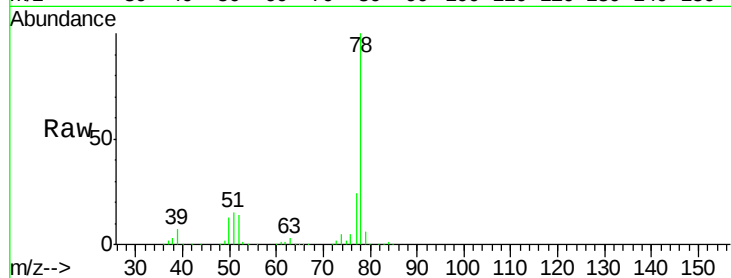
Instrument :

MSVOA_V

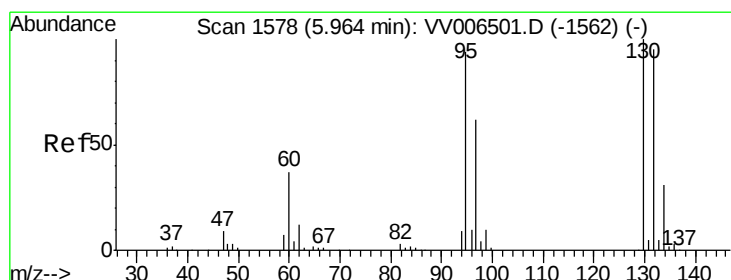
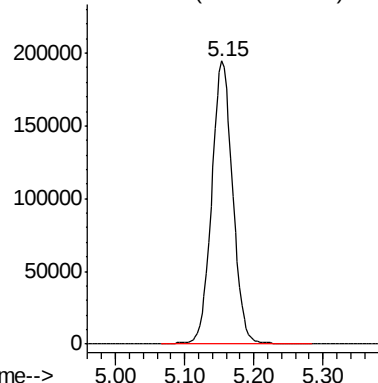
ClientSampleId :

ESWH0MSD

Tgt Ion: 78 Resp: 412073



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 10.473 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006506.D

Acq: 29 Jun 2018 13:46

Tgt Ion: 95 Resp: 236935

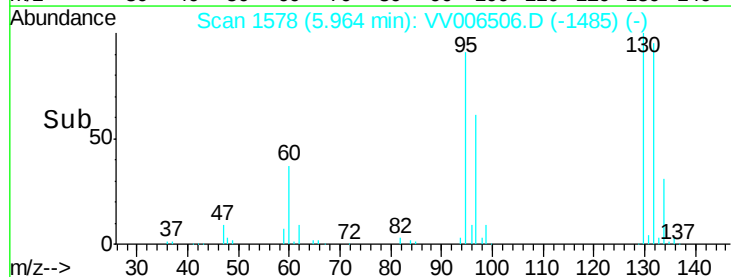
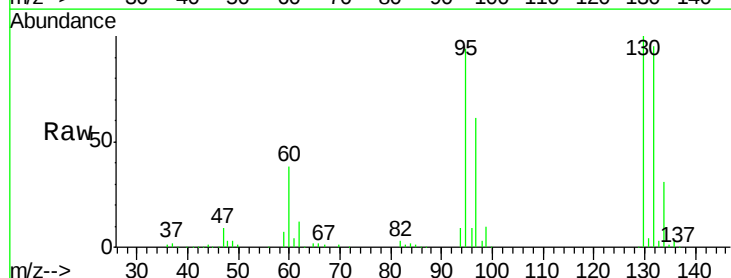
Ion	Ratio	Lower	Upper
95	100		
97	65.4	44.6	82.8
132	101.8	70.1	130.1
130	106.6	73.3	136.1

95 100

97 65.4 44.6 82.8

132 101.8 70.1 130.1

130 106.6 73.3 136.1

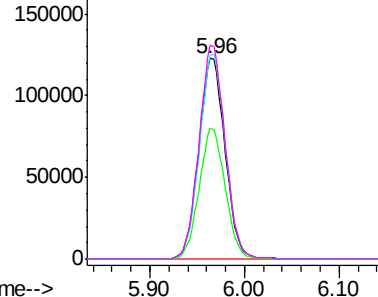


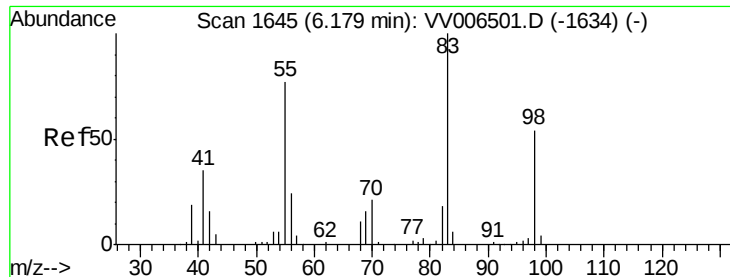
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

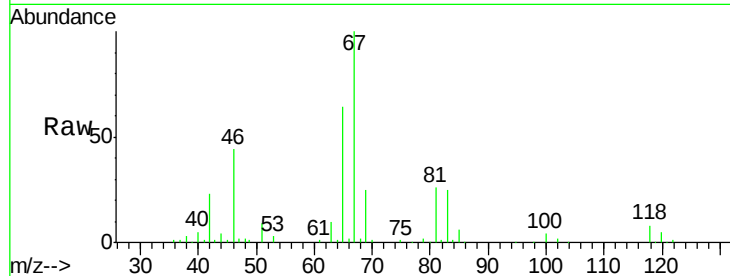




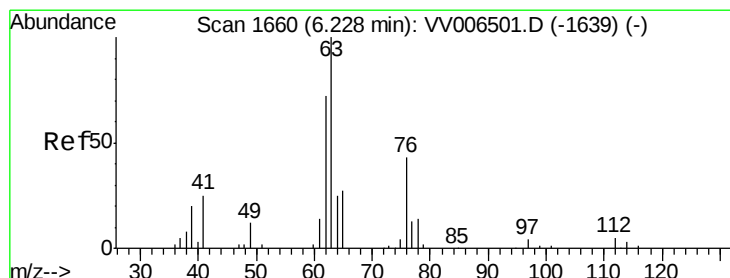
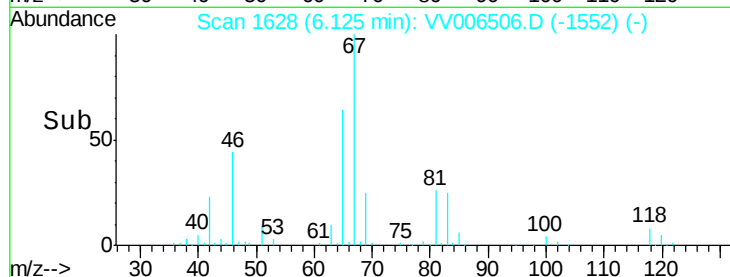
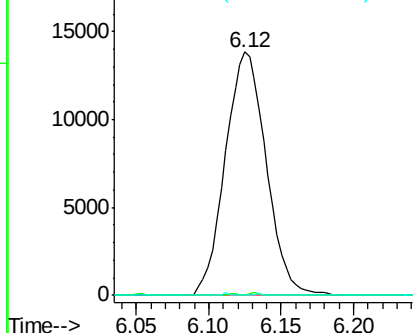
#35
Methylcyclohexane
Concen: 0.824 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006506.D
Acq: 29 Jun 2018 13:46

Instrument :
MSVOA_V
ClientSampleId :
ESWH0MSD

Tgt Ion: 83 Resp: 27104
Ion Ratio Lower Upper
83 100
55 0.3 57.5 86.3#
98 0.0 39.6 59.4#

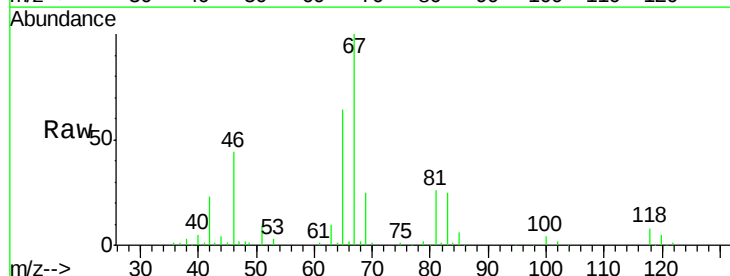


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

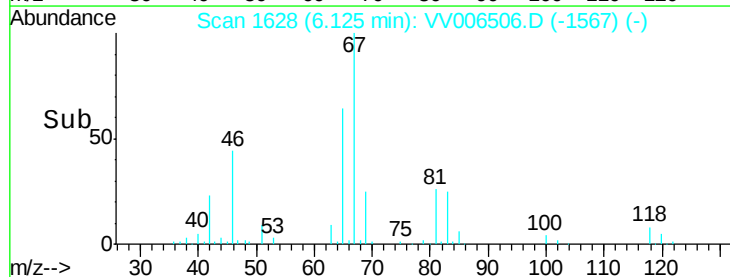
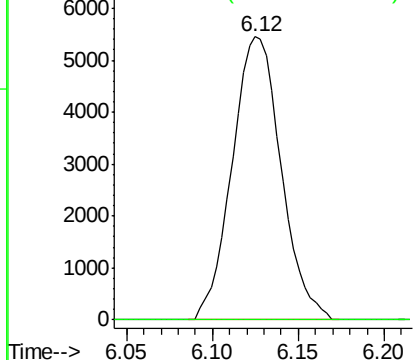


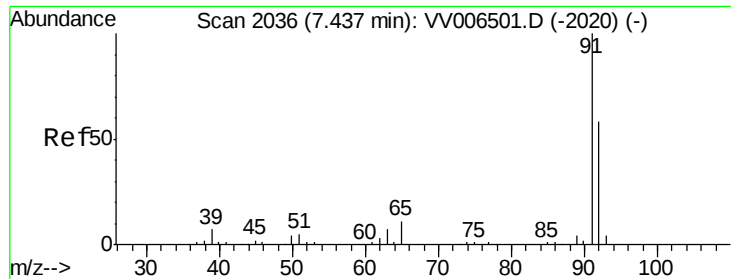
#37
1,2-Dichloropropane
Concen: 0.558 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006506.D
Acq: 29 Jun 2018 13:46

Tgt Ion: 63 Resp: 10776
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



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





#42

Toluene

Concen: 5.146 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006506.D

Acq: 29 Jun 2018 13:46

Instrument :

MSVOA_V

ClientSampleId :

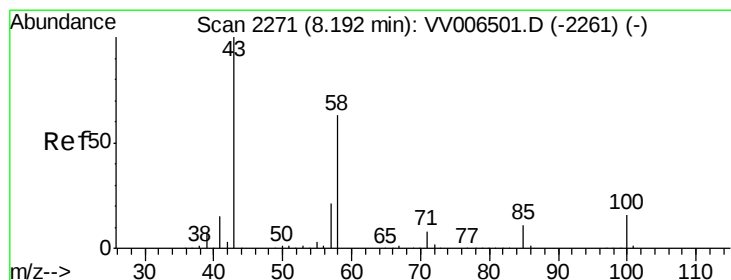
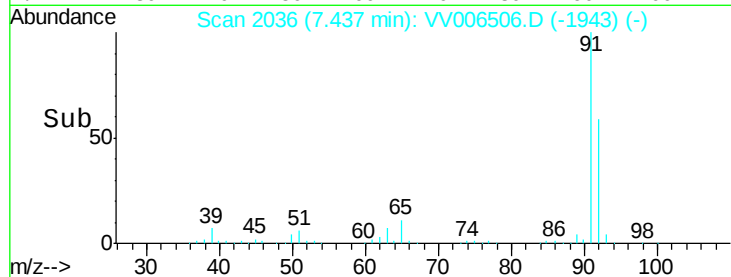
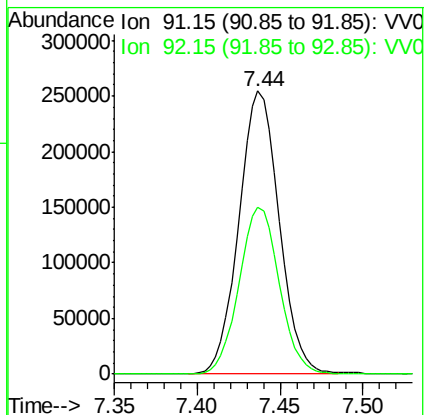
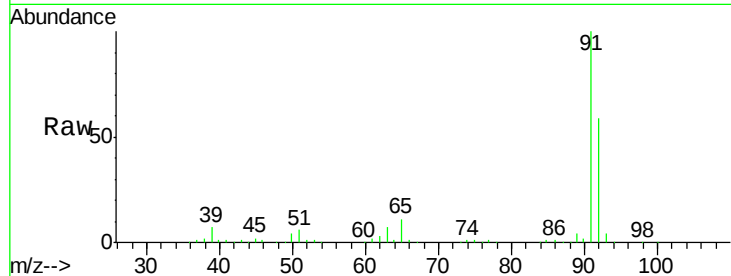
ESWH0MSD

Tgt Ion: 91 Resp: 430969

Ion Ratio Lower Upper

91 100

92 59.2 41.2 76.4



#48

2-Hexanone

Concen: 3.088 ug/L

RT: 8.19 min Scan# 2270

Delta R.T. -0.00 min

Lab File: VV006506.D

Acq: 29 Jun 2018 13:46

Tgt Ion: 43 Resp: 20894

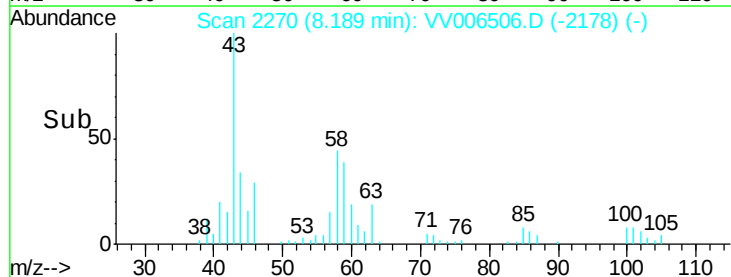
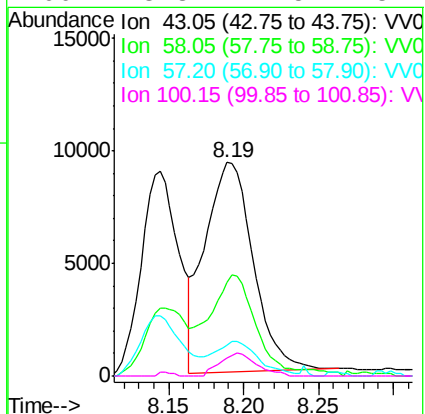
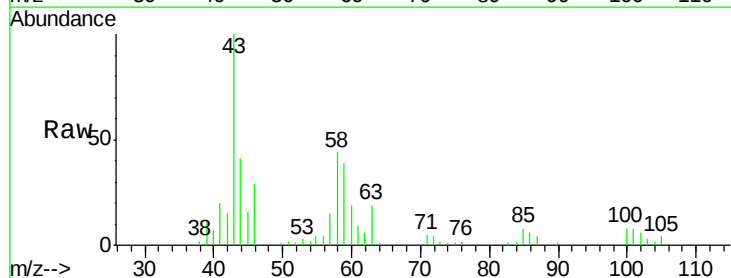
Ion Ratio Lower Upper

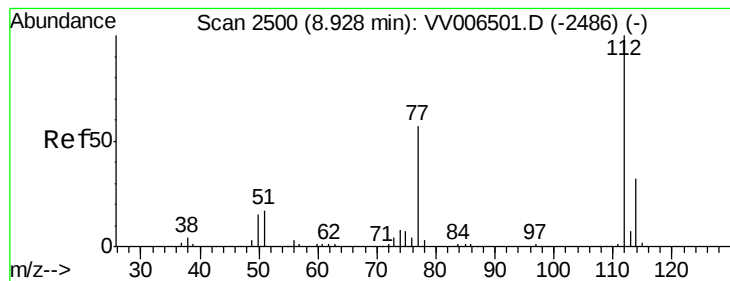
43 100

58 41.3 49.9 74.9#

57 13.9 17.3 25.9#

100 8.3 12.5 18.7#





#51

Chlorobenzene

Concen: 5.051 ug/L

RT: 8.93 min Scan# 2501

Delta R.T. 0.00 min

Lab File: VV006506.D

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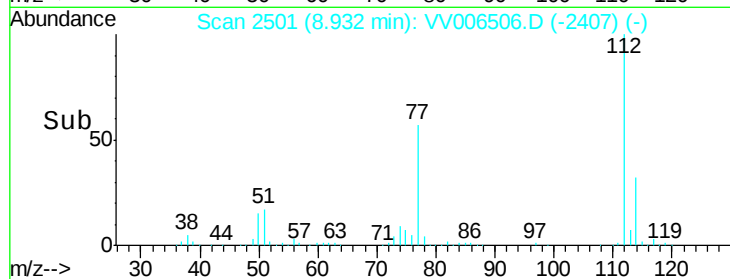
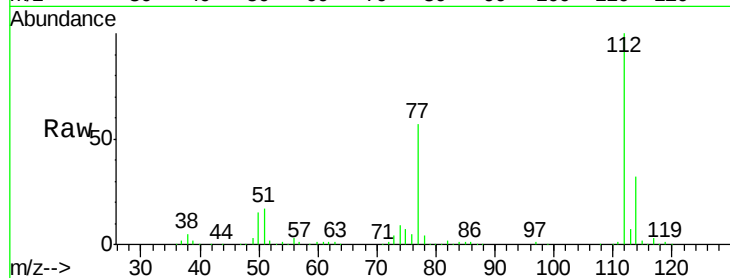
Tgt Ion:112 Resp: 279908

Ion Ratio Lower Upper

112 100

114 31.6 22.8 42.4

77 56.5 44.6 66.8



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

