

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062918\
 Data File : VV006505.D
 Acq On : 29 Jun 2018 13:19
 Operator : SY/MD
 Sample : J3781-02MS
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWH0MS

Quant Time: Jun 30 02:15:39 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	306803	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	277037	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	121915	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102680	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.58	69	78002	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.14	63	180667	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.20%
20) 2-Butanone-d5	3.95	46	199051	52.66	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.32%
24) Chloroform-d	4.41	84	164185	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.09	65	81380	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.11	84	368913	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.13	67	110611	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.37	98	327526	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	7.67	79	33370	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.14	63	148256	47.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.54%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	62479	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	113294	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

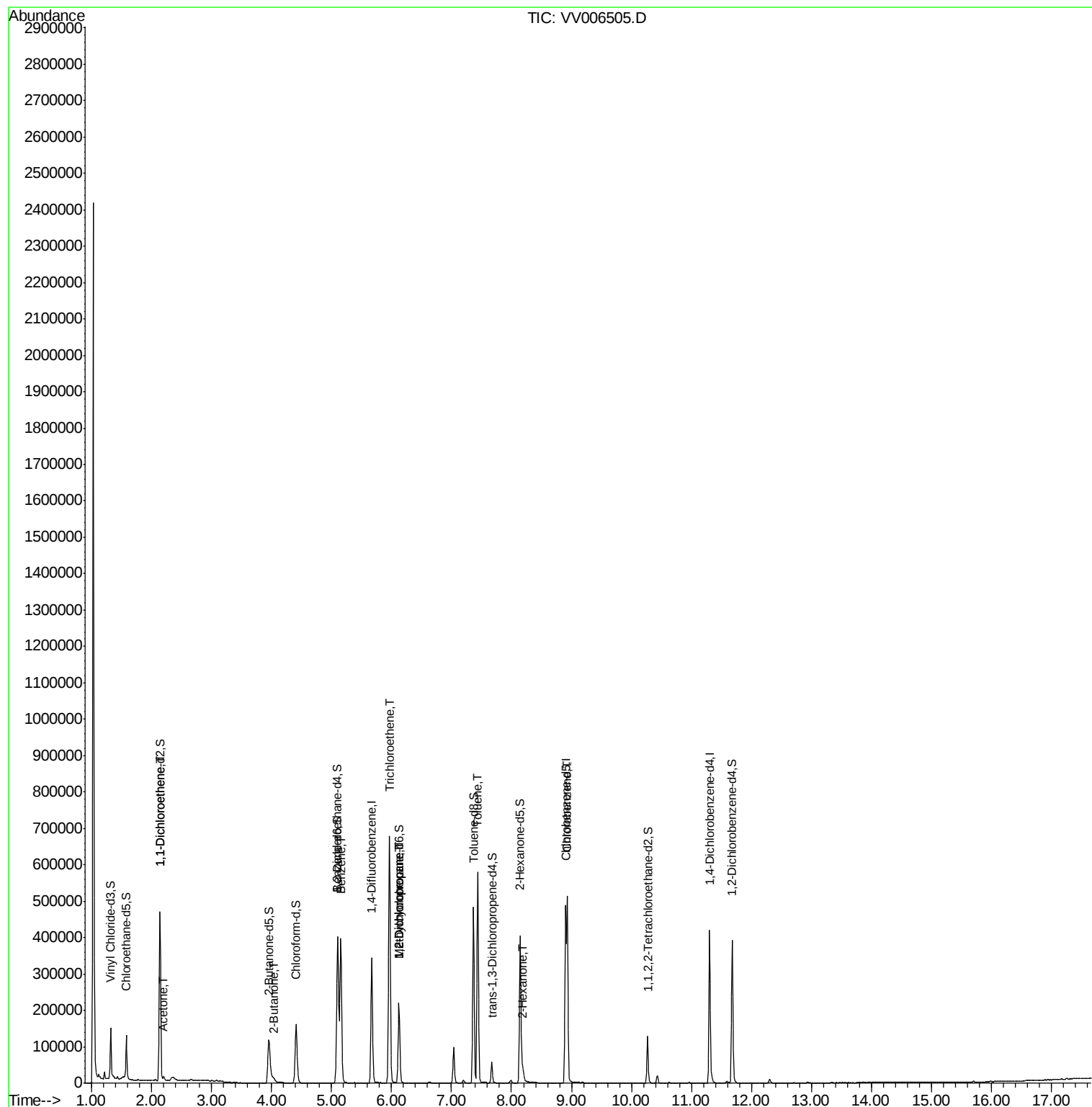
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.15	96	92564	4.989	ug/L	93
13) Acetone	2.20	43	8385	3.619	ug/L	97
21) 2-Butanone	4.05	43	7473	1.785	ug/L	99
33) Benzene	5.15	78	412310	5.039	ug/L	100
34) Trichloroethene	5.97	95	235411	10.058	ug/L	98
35) Methylcyclohexane	6.13	83	26128	0.768	ug/L #	20
37) 1,2-Dichloropropane	6.13	63	11154	0.558	ug/L #	85
42) Toluene	7.44	91	430061	4.964	ug/L	99
48) 2-Hexanone	8.19	43	18842	2.692	ug/L #	80
51) Chlorobenzene	8.93	112	278184	4.852	ug/L	99

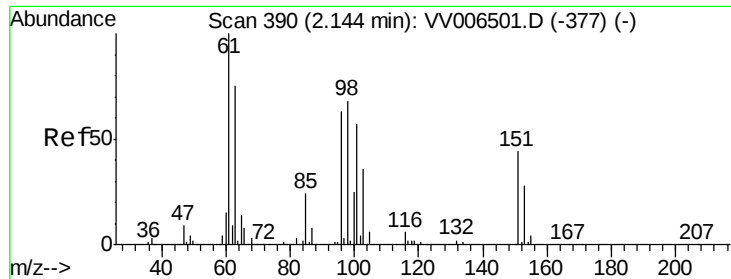
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 30 02:15:06 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.989 ug/L

RT: 2.15 min Scan# 391

Delta R.T. 0.00 min

Lab File: VV006505.D

Acq: 29 Jun 2018 13:19

Instrument :

MSVOA_V

ClientSampleId :

ESWH0MS

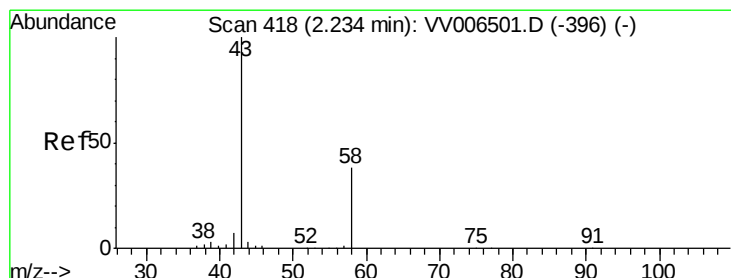
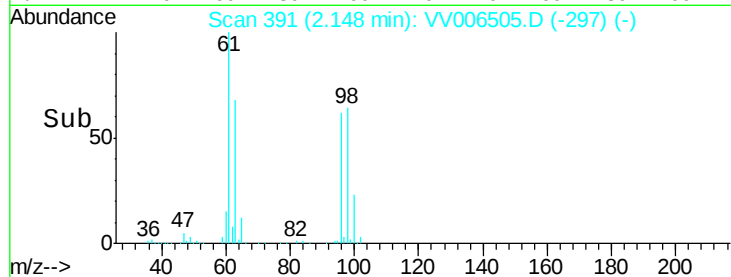
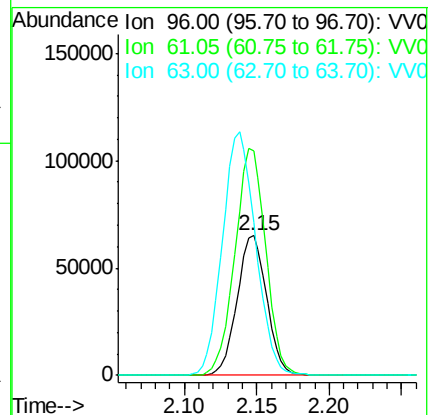
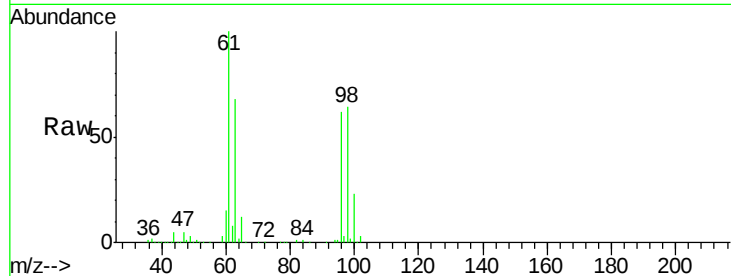
Tgt Ion: 96 Resp: 92564

Ion Ratio Lower Upper

96 100

61 160.6 111.4 207.0

63 109.4 87.4 162.2



#13

Acetone

Concen: 3.619 ug/L

RT: 2.20 min Scan# 408

Delta R.T. -0.03 min

Lab File: VV006505.D

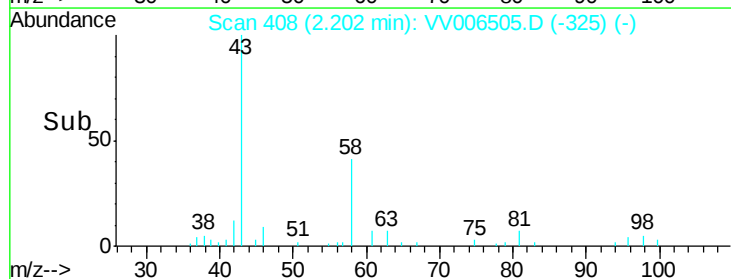
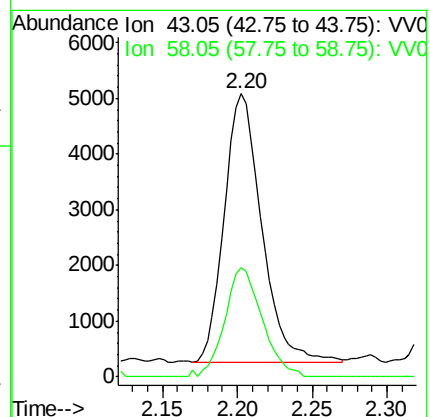
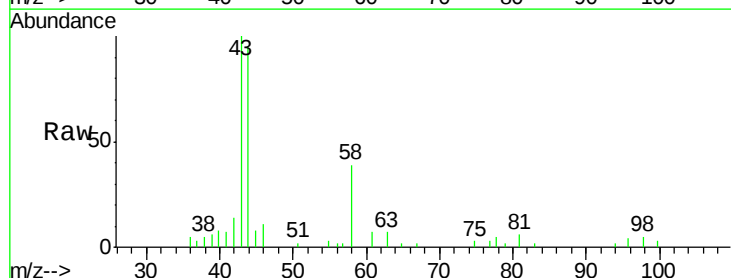
Acq: 29 Jun 2018 13:19

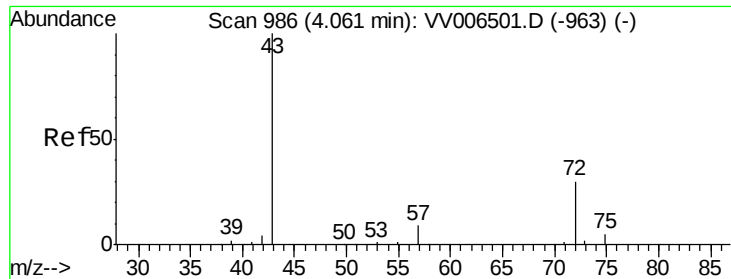
Tgt Ion: 43 Resp: 8385

Ion Ratio Lower Upper

43 100

58 40.8 0.0 77.4





#21

2-Butanone

Concen: 1.785 ug/L

RT: 4.05 min Scan# 982

Delta R.T. -0.01 min

Lab File: VV006505.D

Acq: 29 Jun 2018 13:19

Instrument :

MSVOA_V

ClientSampleId :

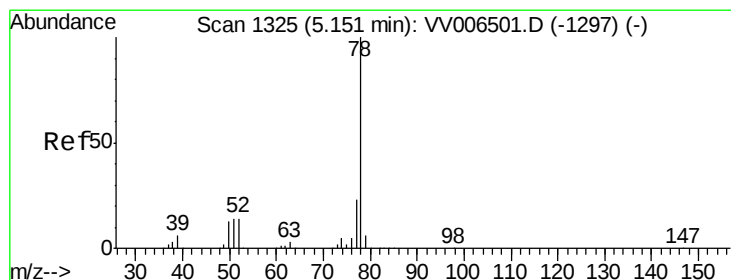
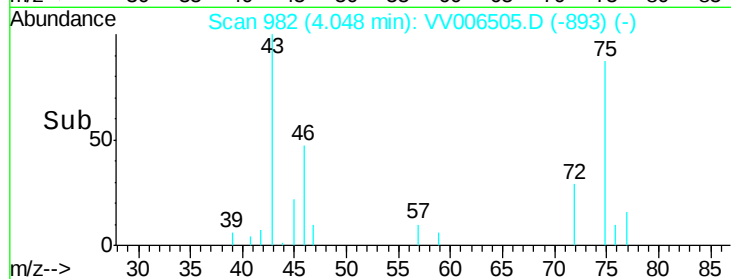
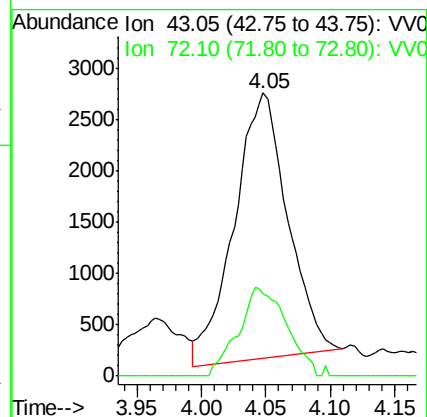
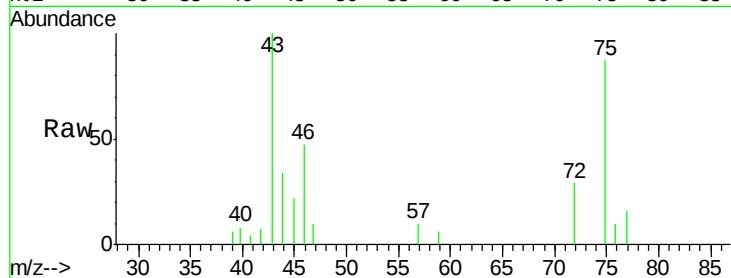
ESWH0MS

Tgt Ion: 43 Resp: 7473

Ion Ratio Lower Upper

43 100

72 30.0 15.4 46.1



#33

Benzene

Concen: 5.039 ug/L

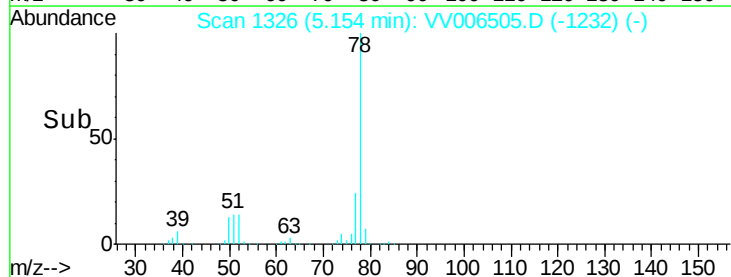
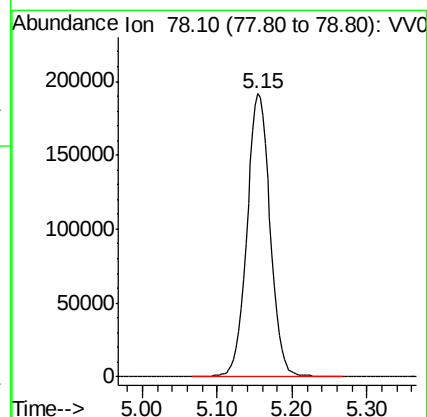
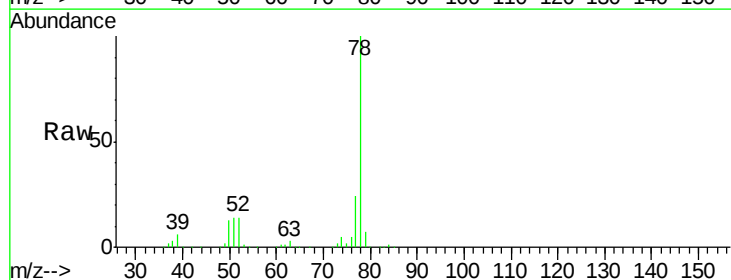
RT: 5.15 min Scan# 1326

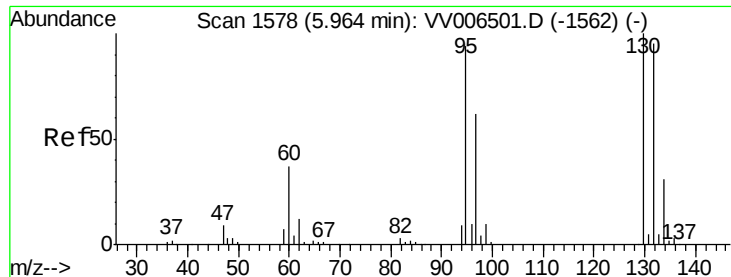
Delta R.T. 0.00 min

Lab File: VV006505.D

Acq: 29 Jun 2018 13:19

Tgt Ion: 78 Resp: 412310





#34

Trichloroethene

Concen: 10.058 ug/L

RT: 5.97 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VV006505.D

Acq: 29 Jun 2018 13:19

Instrument :

MSVOA_V

ClientSampleId :

ESWH0MS

Tgt Ion: 95 Resp: 235411

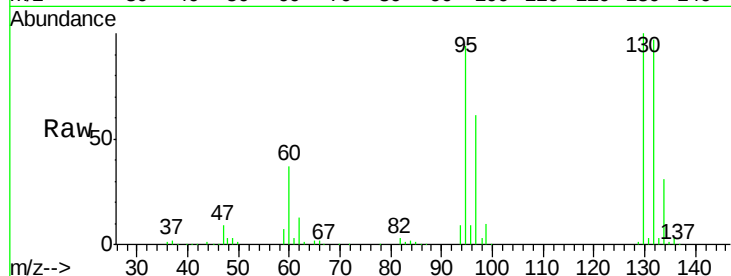
Ion Ratio Lower Upper

95 100

97 64.9 44.6 82.8

132 103.3 70.1 130.1

130 106.7 73.3 136.1

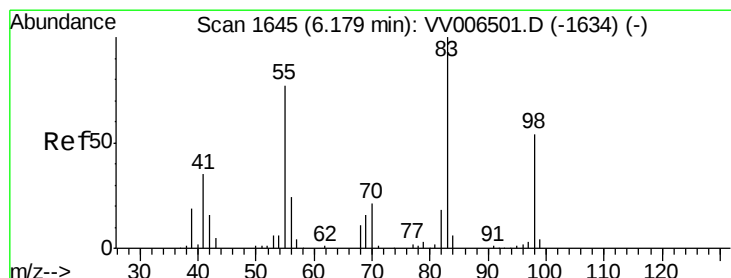
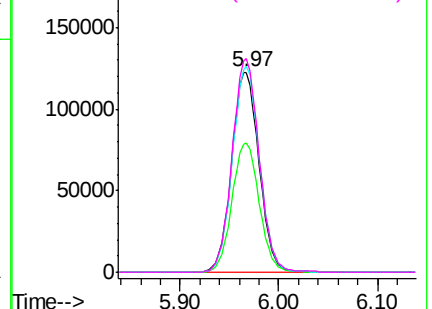
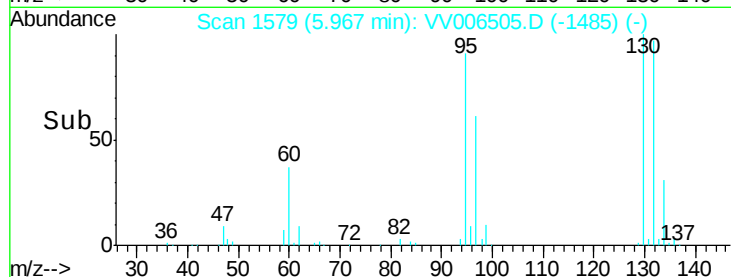


Abundance Ion 95.00 (94.70 to 95.70): VV006505.D (-1485) (-)

Ion 96.95 (96.65 to 97.65): VV006505.D (-1485) (-)

Ion 131.95 (131.65 to 132.65): VV006505.D (-1485) (-)

Ion 129.95 (129.65 to 130.65): VV006505.D (-1485) (-)



#35

Methylcyclohexane

Concen: 0.768 ug/L

RT: 6.13 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006505.D

Acq: 29 Jun 2018 13:19

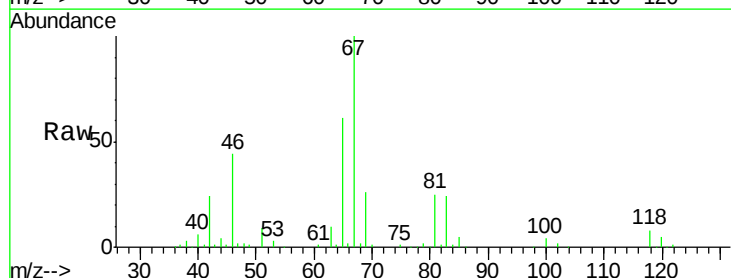
Tgt Ion: 83 Resp: 26128

Ion Ratio Lower Upper

83 100

55 0.4 57.5 86.3#

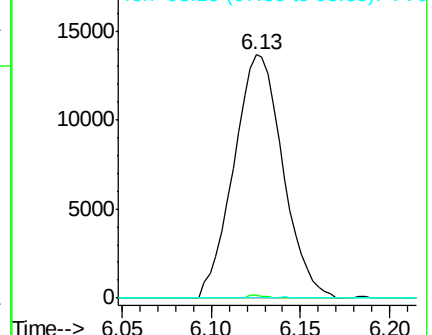
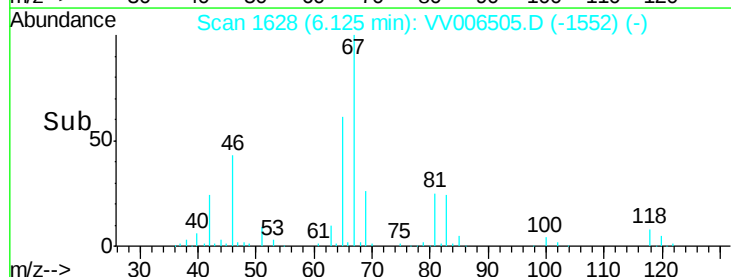
98 0.0 39.6 59.4#

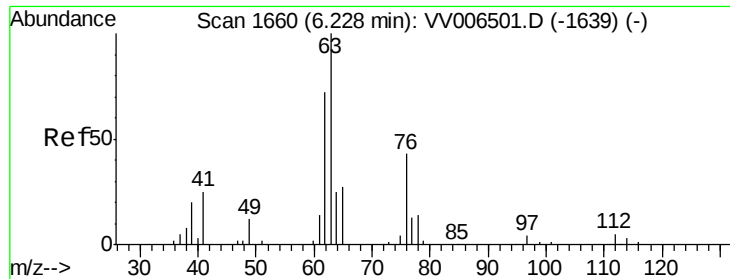


Abundance Ion 83.15 (82.85 to 83.85): VV006505.D (-1552) (-)

Ion 55.10 (54.80 to 55.80): VV006505.D (-1552) (-)

Ion 98.15 (97.85 to 98.85): VV006505.D (-1552) (-)

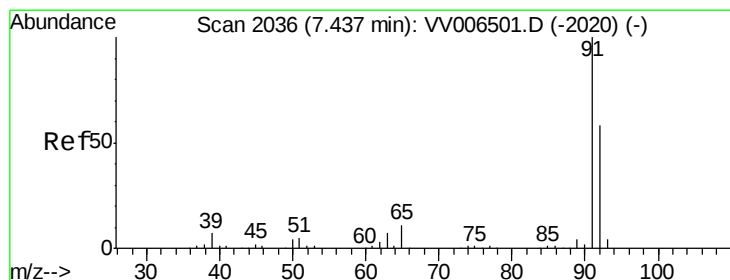
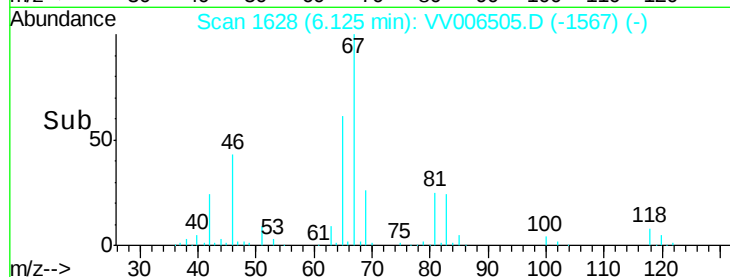
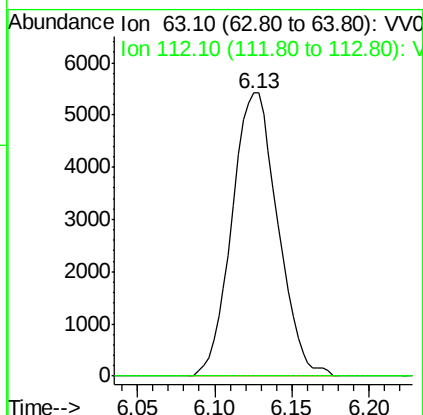
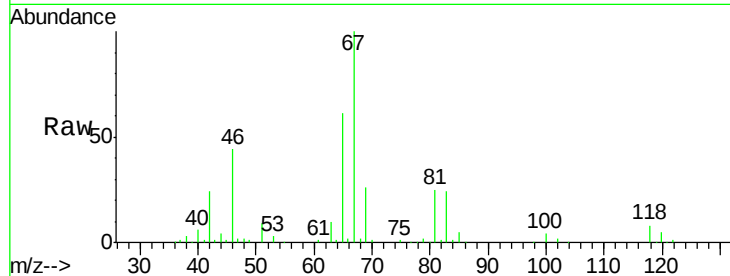




#37
 1,2-Dichloropropane
 Concen: 0.558 ug/L
 RT: 6.13 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006505.D
 Acq: 29 Jun 2018 13:19

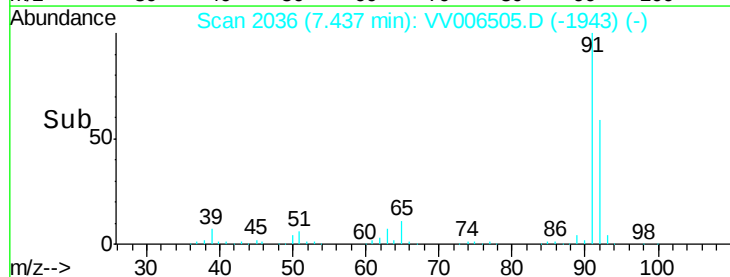
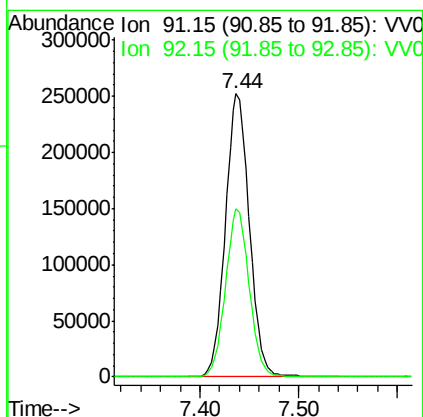
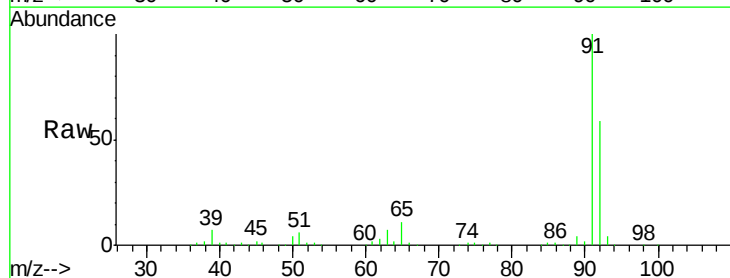
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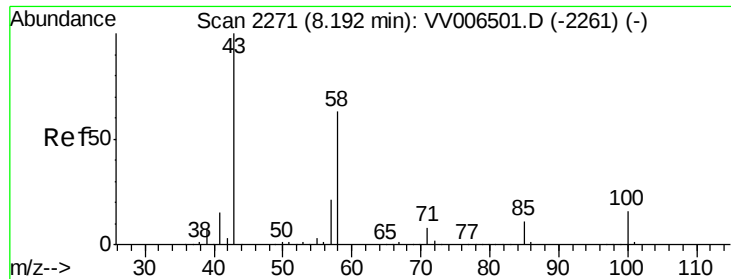
Tgt Ion: 63 Resp: 11154
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.0 6.0#



#42
 Toluene
 Concen: 4.964 ug/L
 RT: 7.44 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VV006505.D
 Acq: 29 Jun 2018 13:19

Tgt Ion: 91 Resp: 430061
 Ion Ratio Lower Upper
 91 100
 92 59.3 41.2 76.4

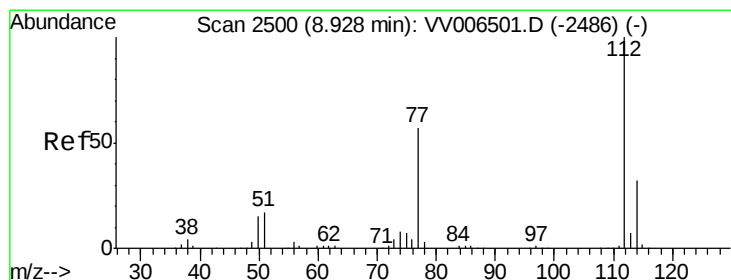
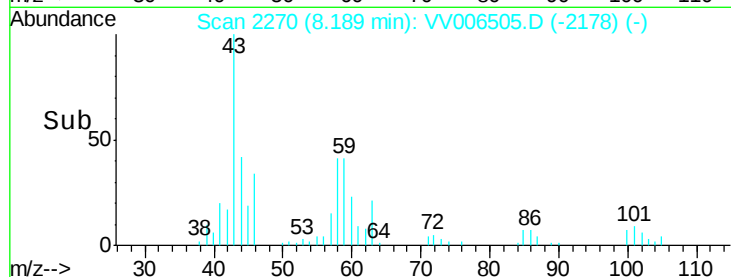
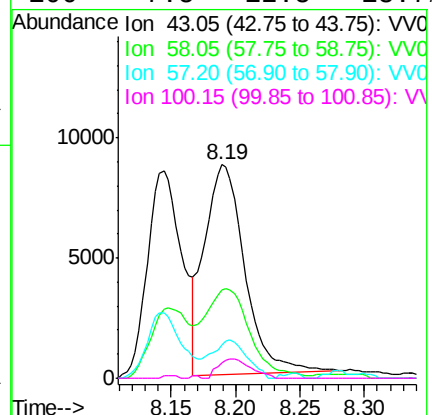
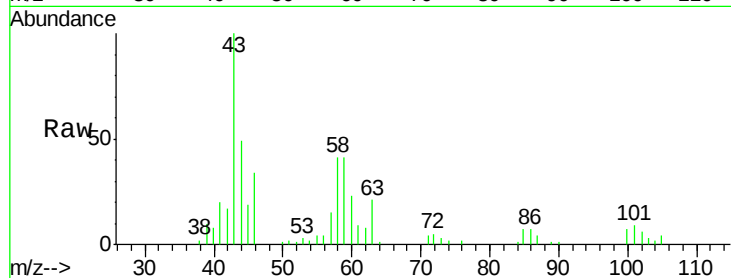




#48
2-Hexanone
Concen: 2.692 ug/L
RT: 8.19 min Scan# 2270
Delta R.T. -0.00 min
Lab File: VV006505.D
Acq: 29 Jun 2018 13:19

Instrument :
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ClientSampleId :
ESWH0MS

Tgt Ion: 43 Resp: 18842
Ion Ratio Lower Upper
43 100
58 44.4 49.9 74.9#
57 15.8 17.3 25.9#
100 7.5 12.5 18.7#



#51
Chlorobenzene
Concen: 4.852 ug/L
RT: 8.93 min Scan# 2501
Delta R.T. 0.00 min
Lab File: VV006505.D
Acq: 29 Jun 2018 13:19

Tgt Ion: 112 Resp: 278184
Ion Ratio Lower Upper
112 100
114 31.9 22.8 42.4
77 55.9 44.6 66.8

