

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062118\
 Data File : VV006394.D
 Acq On : 21 Jun 2018 16:06
 Operator : SY/MD
 Sample : J3513-13
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KE9

Quant Time: Jun 22 01:26:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 22 01:25:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	331328	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	300585	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	134803	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76957	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.59	69	71026	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.14	63	183259	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.20%
20) 2-Butanone-d5	3.96	46	225343	58.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.30%
24) Chloroform-d	4.41	84	157790	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.09	65	81293	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.10	84	331435	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.12	67	105153	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.36	98	290965	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	7.67	79	32265	3.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.40%
46) 2-Hexanone-d5	8.14	63	171196	40.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.60%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	65142	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	109798	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

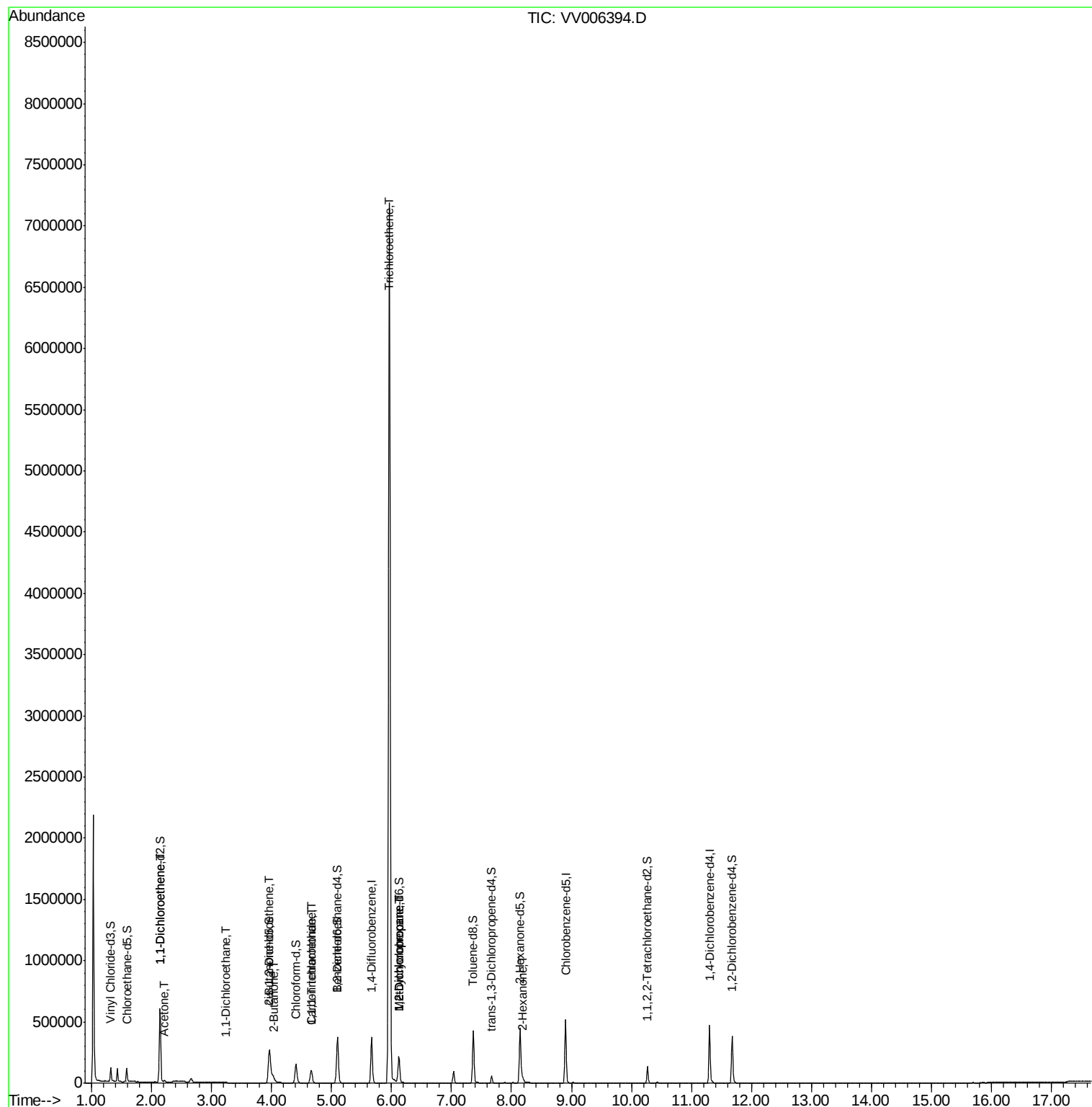
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.15	96	152007	7.994	ug/L #	80
13) Acetone	2.22	43	12335	5.924	ug/L	83
19) 1,1-Dichloroethane	3.23	63	8426	0.242	ug/L	99
21) 2-Butanone	4.04	43	2111	0.557	ug/L	74
22) cis-1,2-Dichloroethene	3.97	96	90455	4.030	ug/L #	97
29) 1,1,1-Trichloroethane	4.66	97	85530	2.576	ug/L	100
31) Carbon tetrachloride	4.66	117	11595	0.396	ug/L	98
34) Trichloroethene	5.96	95	2523830	111.575	ug/L	99
35) Methylcyclohexane	6.12	83	25680	0.660	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	10674	0.538	ug/L #	85
48) 2-Hexanone	8.19	43	23613	3.272	ug/L #	77

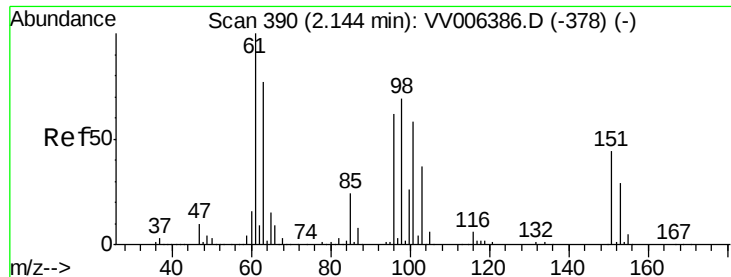
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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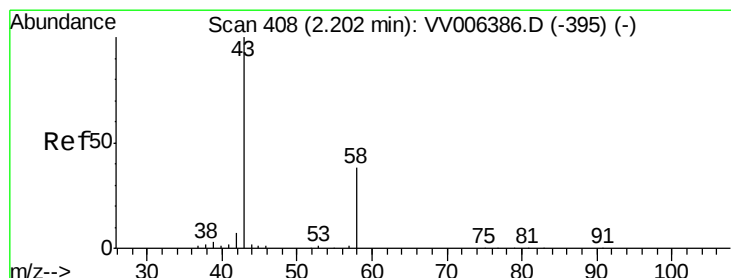
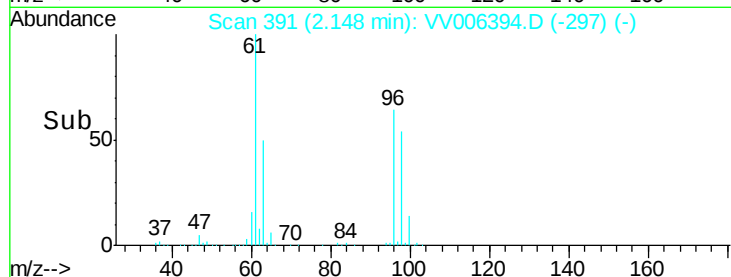
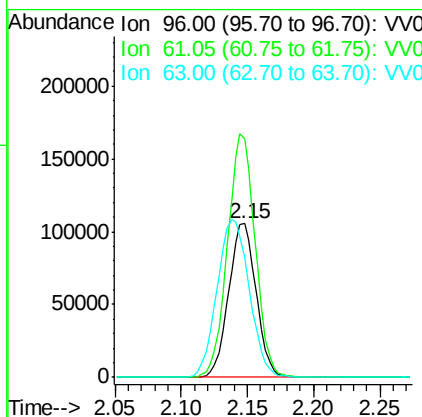
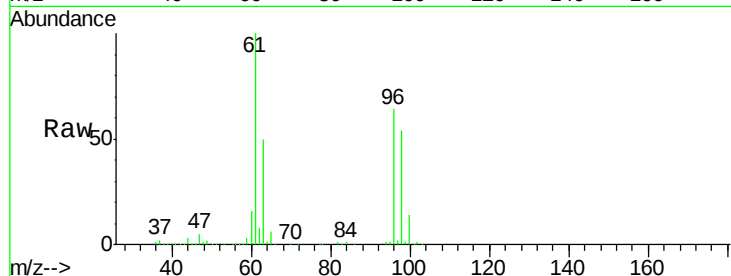




#12
 1,1-Dichloroethene
 Concen: 7.994 ug/L
 RT: 2.15 min Scan# 391
 Delta R.T. 0.00 min
 Lab File: VV006394.D
 Acq: 21 Jun 2018 16:06

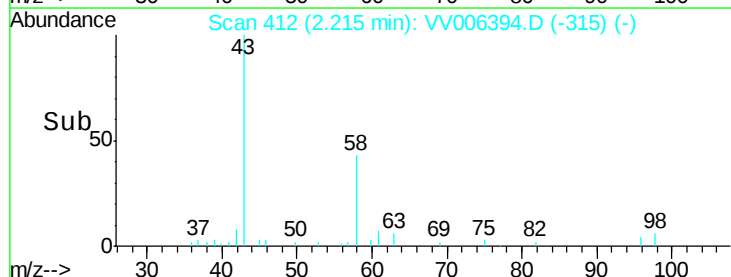
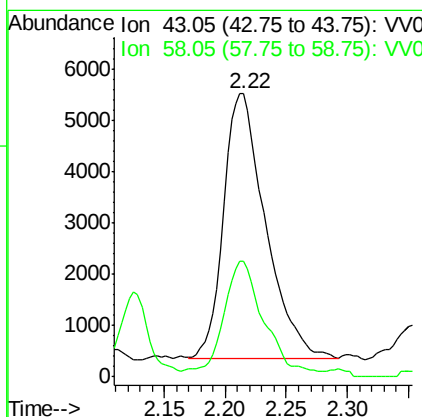
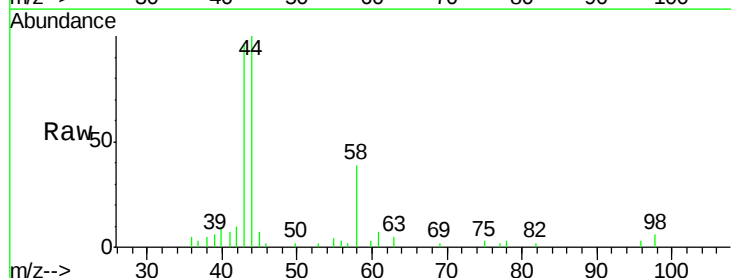
Instrument :
 MSVOA_V
 ClientSampled :
 C0KE9

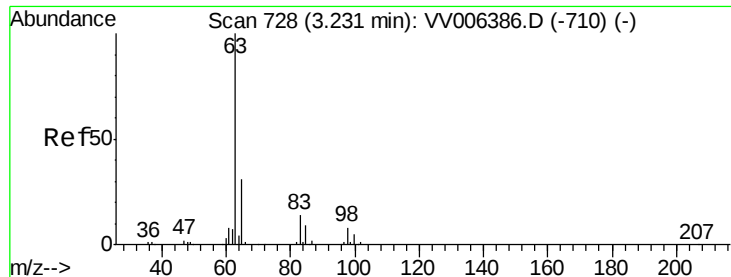
Tgt Ion: 96 Resp: 152007
 Ion Ratio Lower Upper
 96 100
 61 155.4 114.2 212.2
 63 77.5 85.0 157.8#



#13
 Acetone
 Concen: 5.924 ug/L
 RT: 2.22 min Scan# 412
 Delta R.T. 0.01 min
 Lab File: VV006394.D
 Acq: 21 Jun 2018 16:06

Tgt Ion: 43 Resp: 12335
 Ion Ratio Lower Upper
 43 100
 58 43.5 0.0 67.4

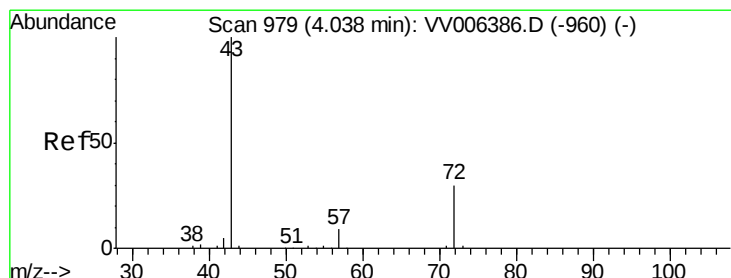
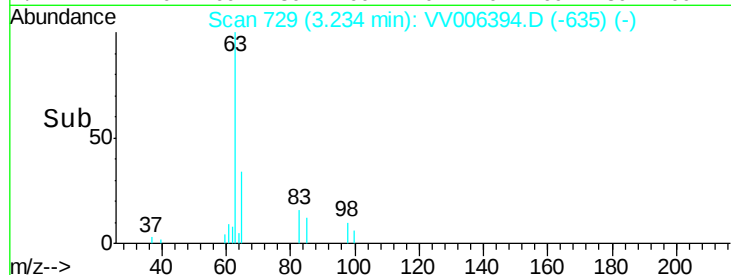
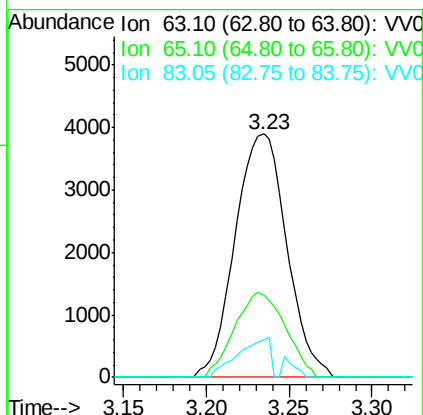
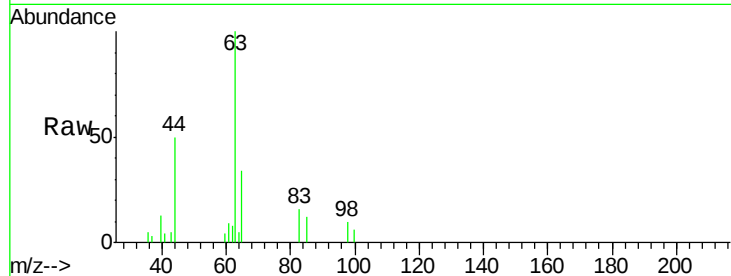




#19
 1,1-Dichloroethane
 Concen: 0.242 ug/L
 RT: 3.23 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: VV006394.D
 Acq: 21 Jun 2018 16:06

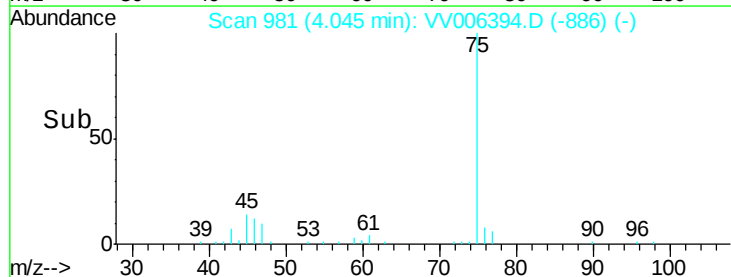
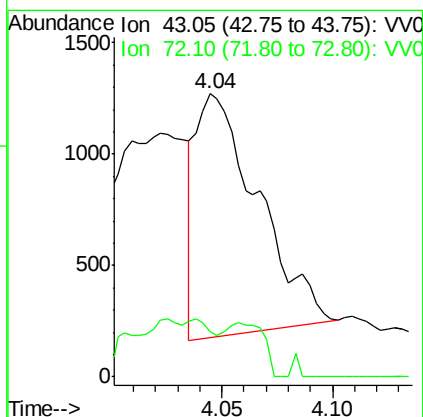
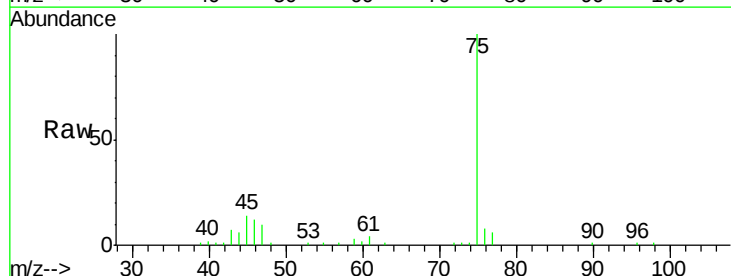
Instrument :
 MSVOA_V
 ClientSampleId :
 C0KE9

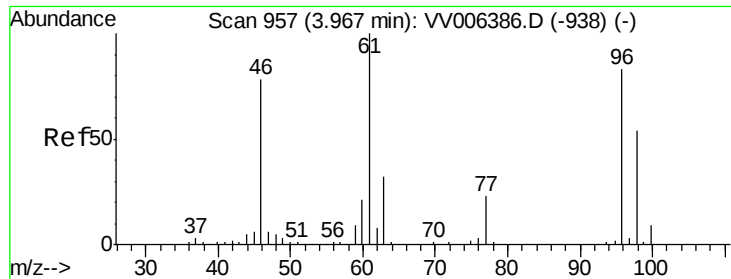
Tgt Ion: 63 Resp: 8426
 Ion Ratio Lower Upper
 63 100
 65 32.1 22.3 41.3
 83 14.7 10.0 18.6



#21
 2-Butanone
 Concen: 0.557 ug/L
 RT: 4.04 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VV006394.D
 Acq: 21 Jun 2018 16:06

Tgt Ion: 43 Resp: 2111
 Ion Ratio Lower Upper
 43 100
 72 14.1 13.8 41.3





#22

cis-1,2-Dichloroethene

Concen: 4.030 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV006394.D

Acq: 21 Jun 2018 16:06

Instrument :

MSVOA_V

ClientSampleId :

C0KE9

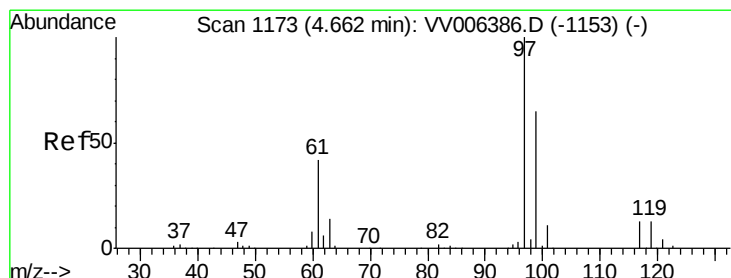
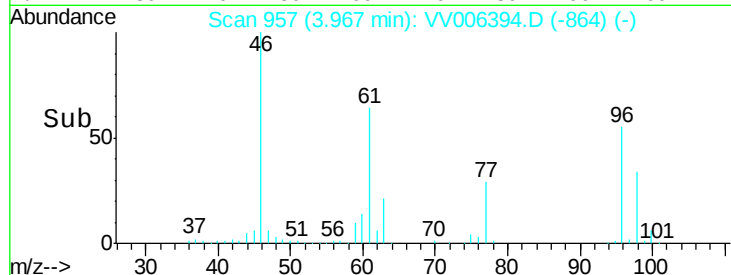
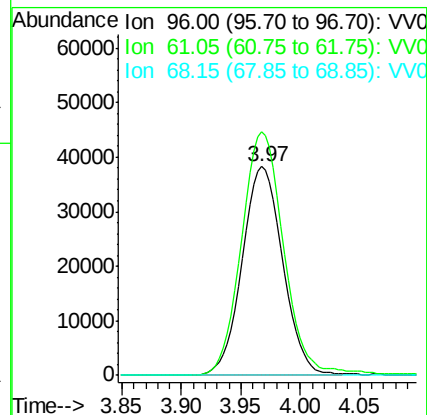
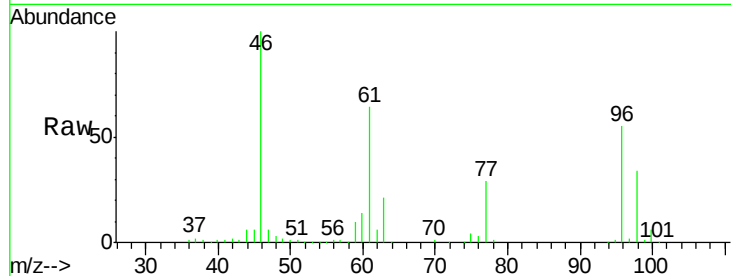
Tgt Ion: 96 Resp: 90455

Ion Ratio Lower Upper

96 100

61 116.6 84.1 156.3

68 0.0 0.3 0.5#



#29

1,1,1-Trichloroethane

Concen: 2.576 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VV006394.D

Acq: 21 Jun 2018 16:06

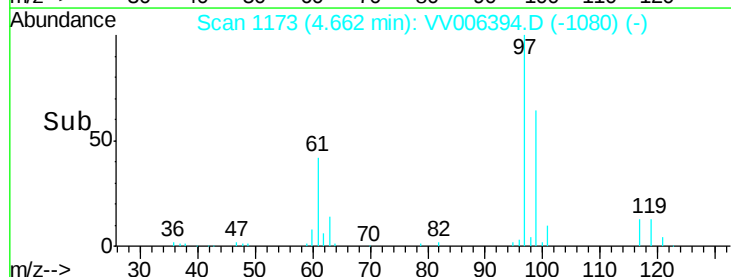
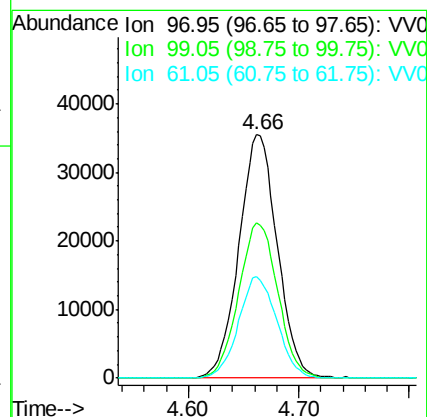
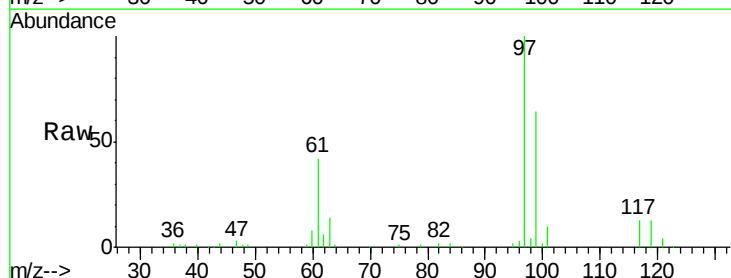
Tgt Ion: 97 Resp: 85530

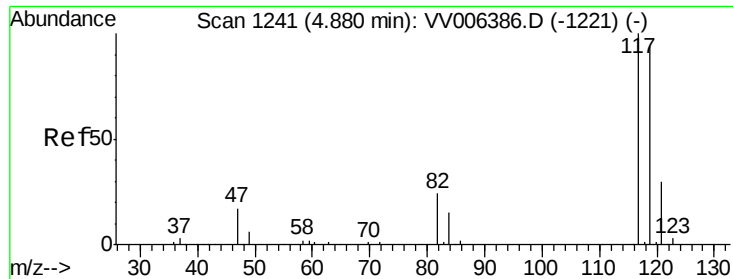
Ion Ratio Lower Upper

97 100

99 64.7 51.5 77.3

61 41.8 33.7 50.5





#31

Carbon tetrachloride

Concen: 0.396 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. -0.22 min

Lab File: VV006394.D

Acq: 21 Jun 2018 16:06

Instrument :

MSVOA_V

ClientSampled :

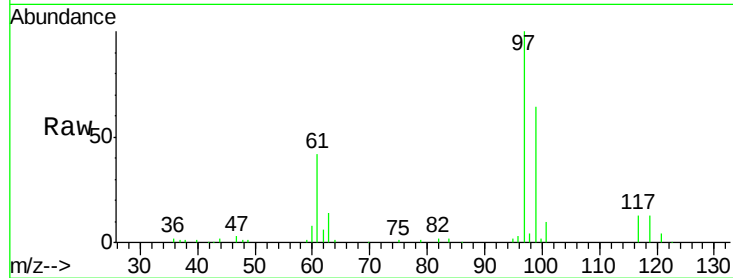
COKE9

Tgt Ion:117 Resp: 11595

Ion Ratio Lower Upper

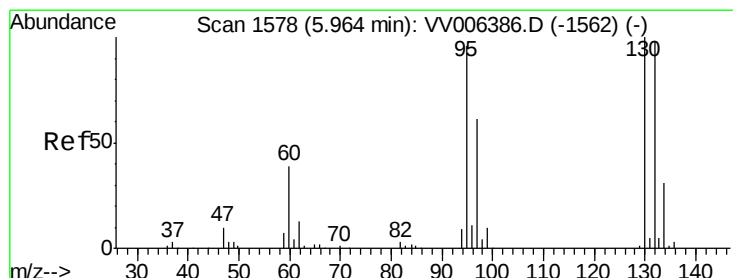
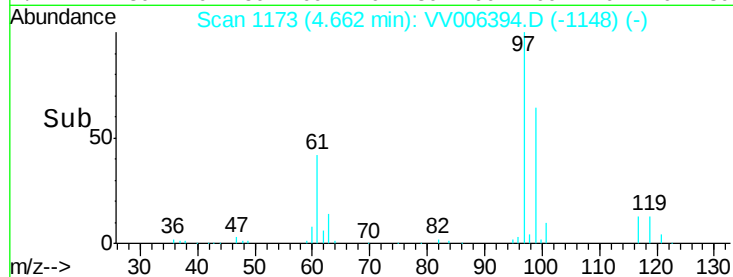
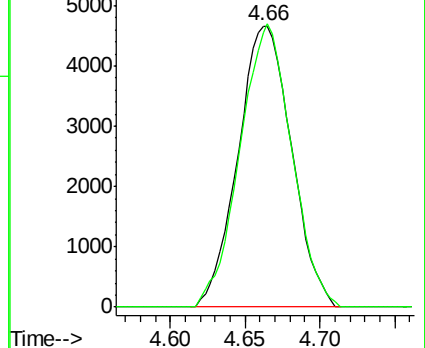
117 100

119 97.5 76.1 114.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 111.575 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006394.D

Acq: 21 Jun 2018 16:06

Tgt Ion: 95 Resp: 2523830

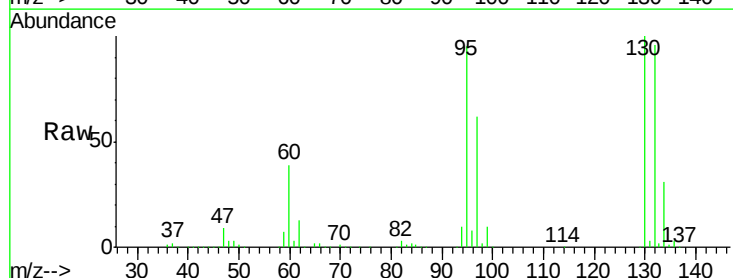
Ion Ratio Lower Upper

95 100

97 65.0 45.1 83.9

132 100.3 69.0 128.1

130 105.0 72.8 135.2

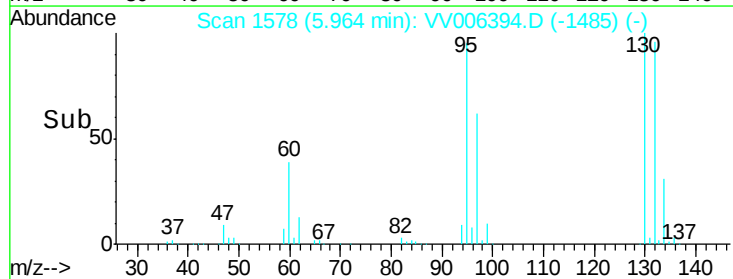
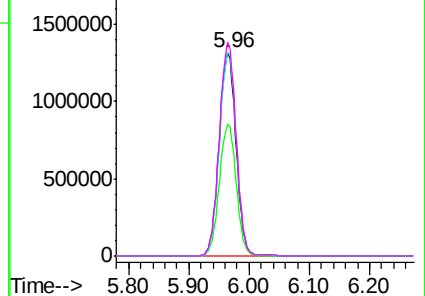


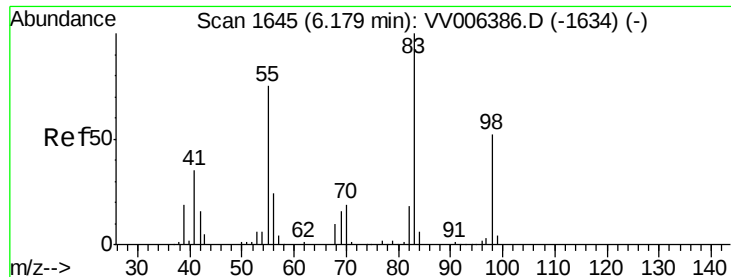
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#35

Methylcyclohexane

Concen: 0.660 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006394.D

Acq: 21 Jun 2018 16:06

Instrument :

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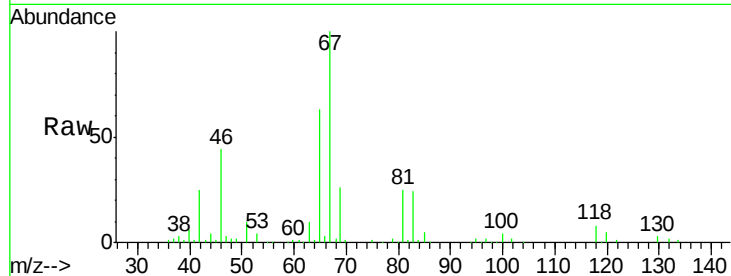
Tgt Ion: 83 Resp: 25680

Ion Ratio Lower Upper

83 100

55 0.6 57.5 86.3#

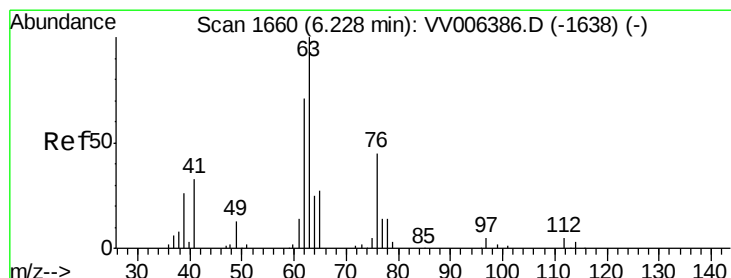
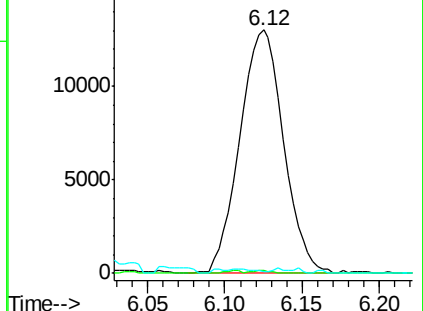
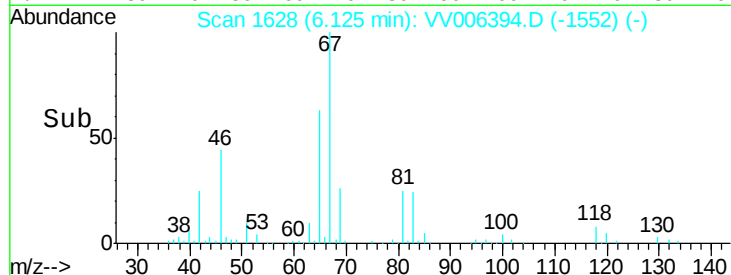
98 0.0 39.8 59.8#



Abundance Ion 83.15 (82.85 to 83.85): VV006394.D (-1552) (-)

Ion 55.10 (54.80 to 55.80): VV006394.D (-1552) (-)

Ion 98.15 (97.85 to 98.85): VV006394.D (-1552) (-)



#37

1,2-Dichloropropane

Concen: 0.538 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV006394.D

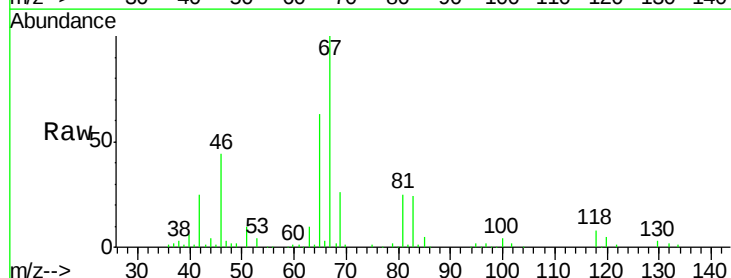
Acq: 21 Jun 2018 16:06

Tgt Ion: 63 Resp: 10674

Ion Ratio Lower Upper

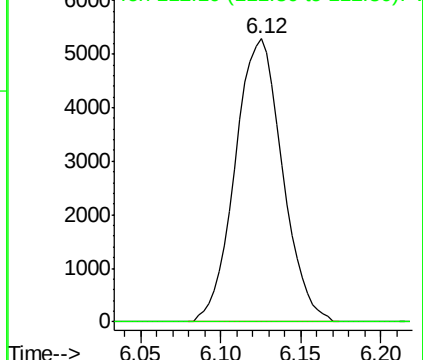
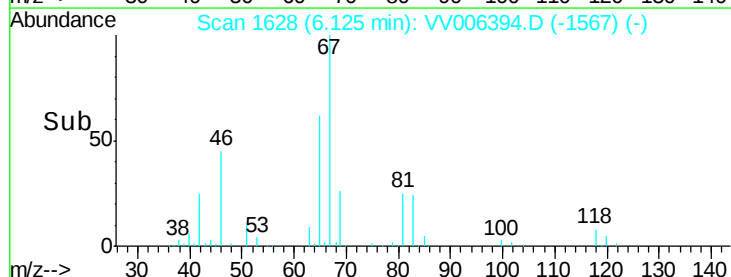
63 100

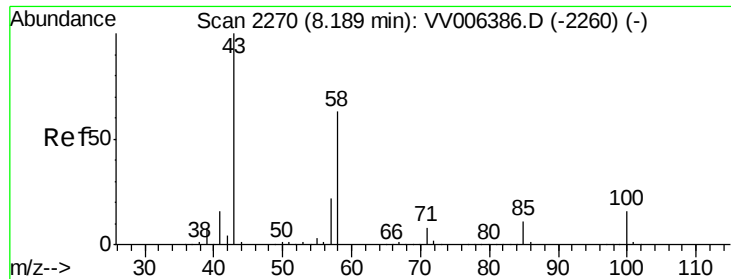
112 0.0 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VV006394.D (-1567) (-)

Ion 112.10 (111.80 to 112.80): VV006394.D (-1567) (-)





#48

2-Hexanone

Concen: 3.272 ug/L

RT: 8.19 min Scan# 2270

Delta R.T. 0.00 min

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Acq: 21 Jun 2018 16:06

Instrument :
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ClientSampleId :
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Tgt Ion: 43 Resp: 23613

Ion Ratio Lower Upper

43 100

58 40.2 48.6 72.8#

57 14.0 17.5 26.3#

100 9.7 12.6 18.8#

