

Data File : VV006586.D
Acq On : 12 Jul 2018 15:23
Operator : SY/MD
Sample : J3919-12
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE7

Quant Time: Jul 16 00:06:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 14 00:30:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	338346	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	307717	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	152158	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	68261	3.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.20%
7) Chloroethane-d5	1.58	69	59489	3.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.00%
11) 1,1-Dichloroethene-d2	2.13	63	95800	2.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.00%#
20) 2-Butanone-d5	3.96	46	216082	46.25	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.50%
24) Chloroform-d	4.41	84	161479	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.09	65	73186	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
32) Benzene-d6	5.11	84	318458	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.12	67	105383	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.36	98	286517	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.67	79	33225	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.14	63	191188	49.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.06%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81334	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	124588	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

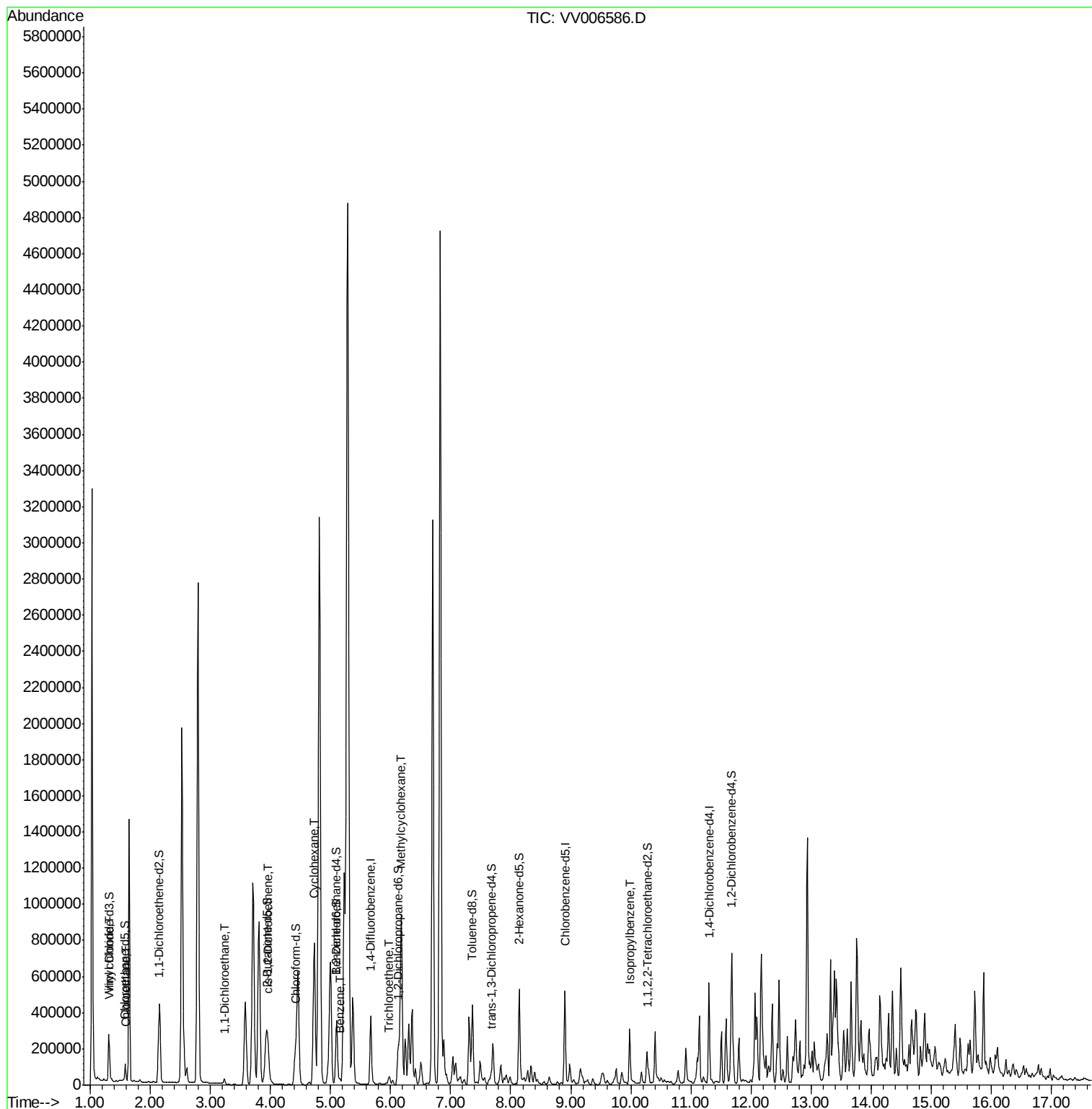
						Qvalue
5) Vinyl chloride	1.32	62	26150	0.868	ug/L	94
8) Chloroethane	1.60	64	8497	0.465	ug/L #	74
19) 1,1-Dichloroethane	3.23	63	31591	0.788	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	24741	0.996	ug/L	95
30) Cyclohexane	4.73	56	442741	12.905	ug/L	99
33) Benzene	5.15	78	24351	0.265	ug/L	100
34) Trichloroethene	5.96	95	5970	0.253	ug/L	93
35) Methylcyclohexane	6.18	83	435318	11.476	ug/L	94
56) Isopropylbenzene	9.98	105	197938	2.016	ug/L	100

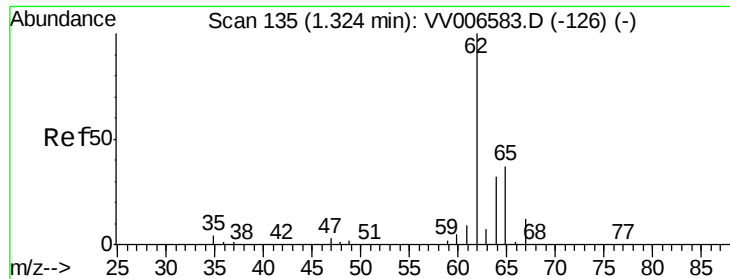
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.868 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV006586.D

Acq: 12 Jul 2018 15:23

Instrument :

MSVOA_V

ClientSampled :

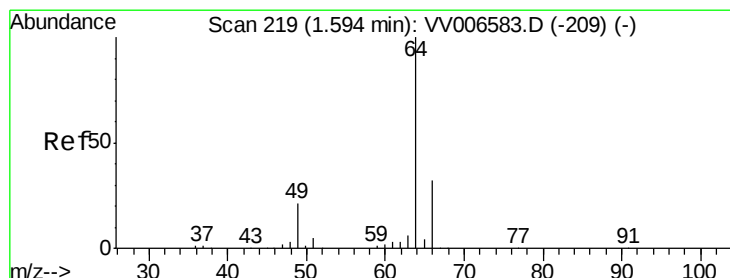
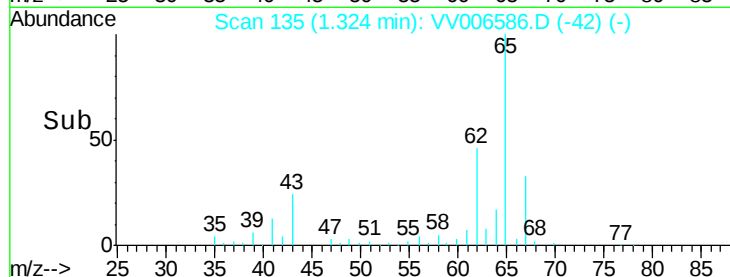
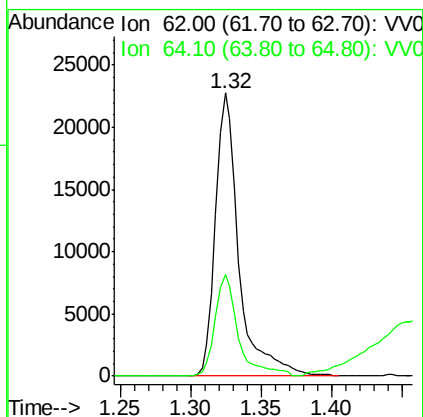
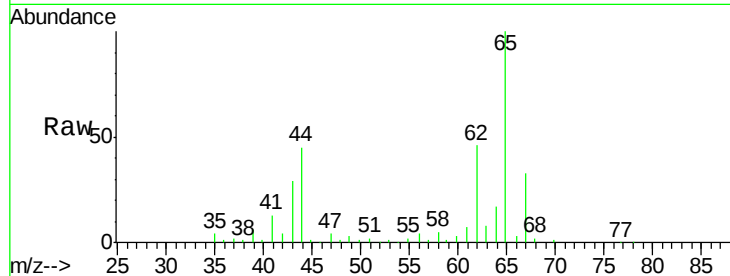
C0AE7

Tgt Ion: 62 Resp: 26150

Ion Ratio Lower Upper

62 100

64 36.0 23.0 42.6



#8

Chloroethane

Concen: 0.465 ug/L

RT: 1.60 min Scan# 221

Delta R.T. -0.00 min

Lab File: VV006586.D

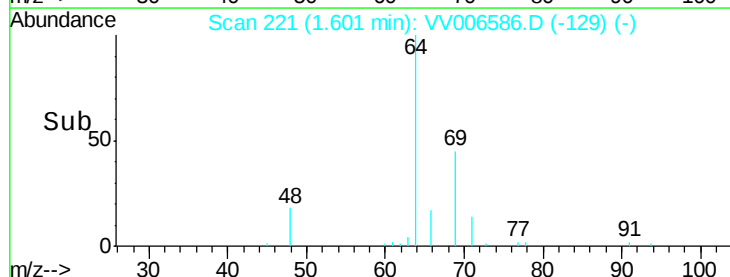
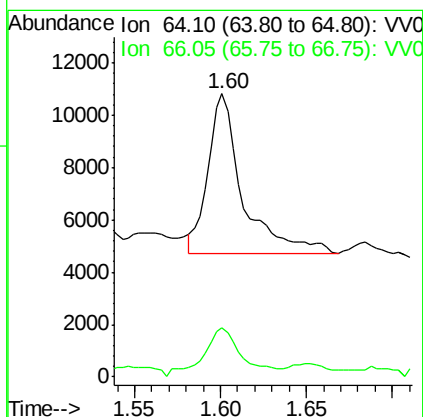
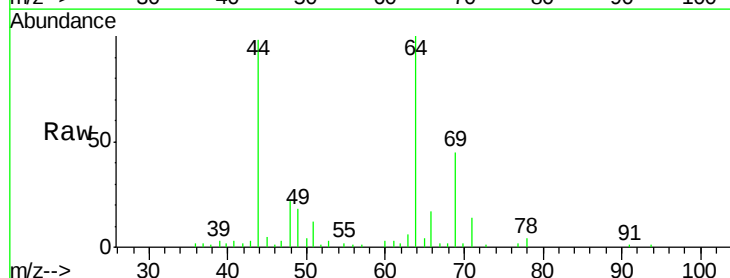
Acq: 12 Jul 2018 15:23

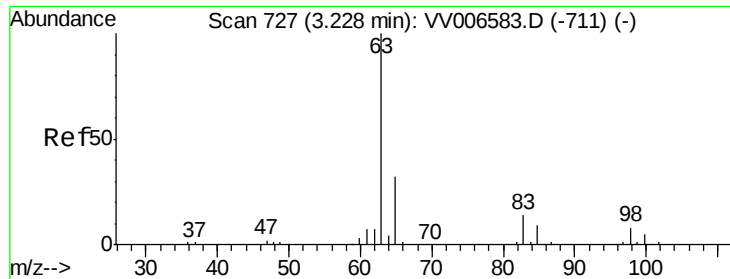
Tgt Ion: 64 Resp: 8497

Ion Ratio Lower Upper

64 100

66 17.3 22.5 41.7#

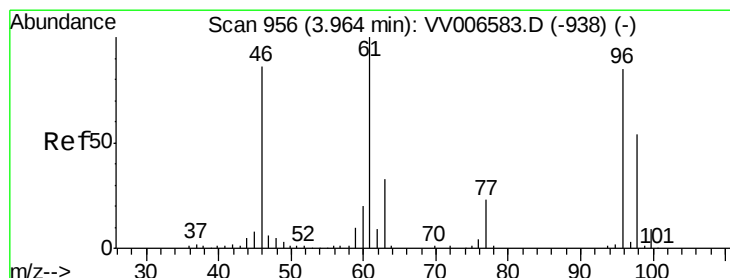
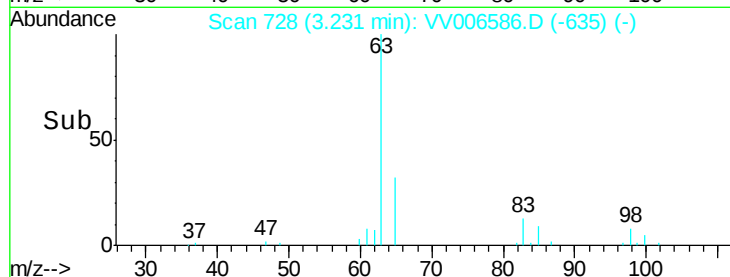
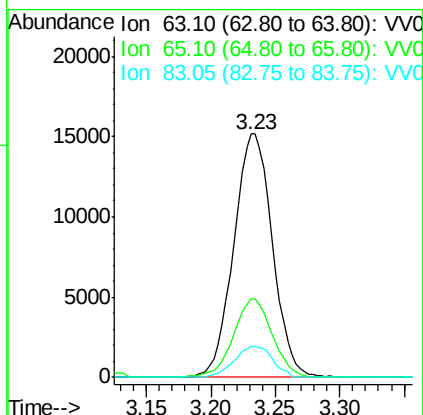
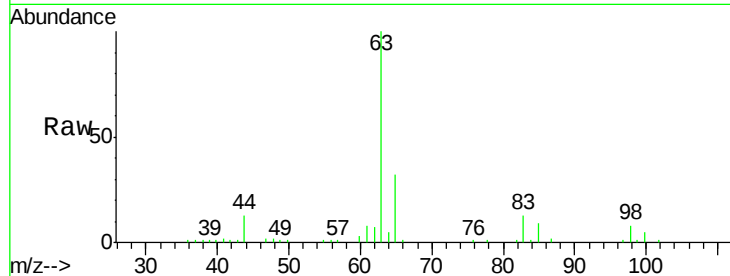




#19
 1,1-Dichloroethane
 Concen: 0.788 ug/L
 RT: 3.23 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VV006586.D
 Acq: 12 Jul 2018 15:23

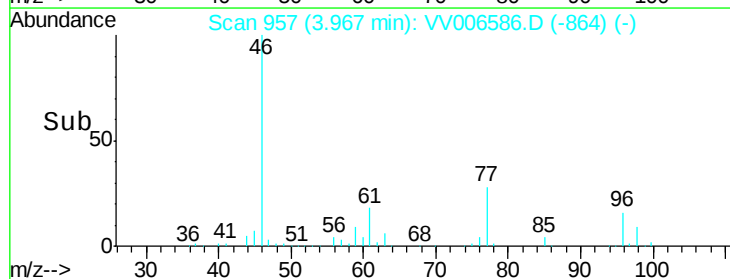
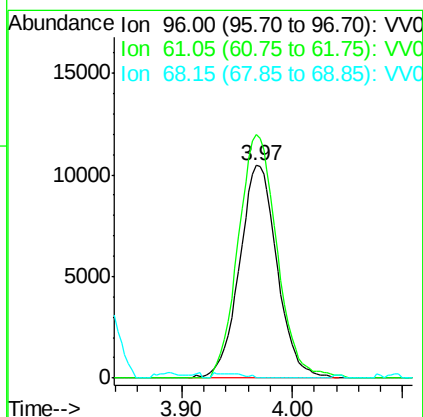
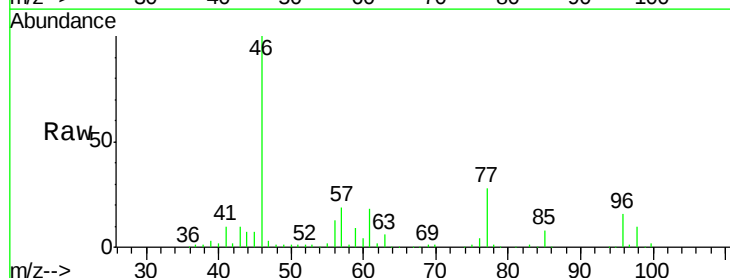
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE7

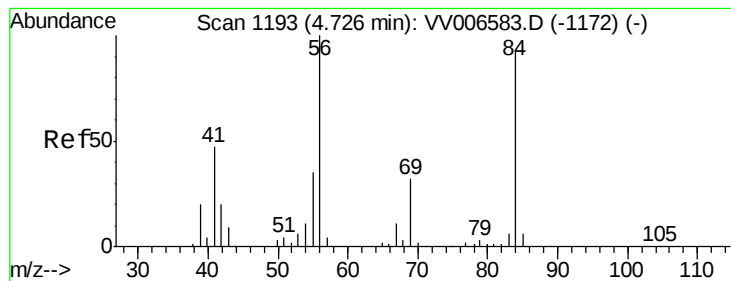
Tgt Ion: 63 Resp: 31591
 Ion Ratio Lower Upper
 63 100
 65 32.0 22.0 41.0
 83 12.6 9.5 17.7



#22
 cis-1,2-Dichloroethene
 Concen: 0.996 ug/L
 RT: 3.97 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: VV006586.D
 Acq: 12 Jul 2018 15:23

Tgt Ion: 96 Resp: 24741
 Ion Ratio Lower Upper
 96 100
 61 114.5 83.8 155.6
 68 0.0 0.0 0.0





#30

Cyclohexane

Concen: 12.905 ug/L

RT: 4.73 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VV006586.D

Acq: 12 Jul 2018 15:23

Instrument :

MSVOA_V

ClientSampleId :

C0AE7

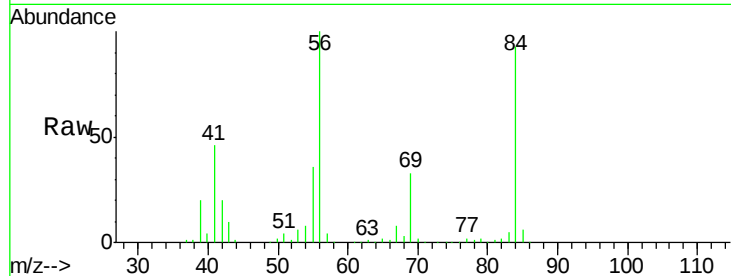
Tgt Ion: 56 Resp: 442741

Ion Ratio Lower Upper

56 100

69 31.5 25.5 38.3

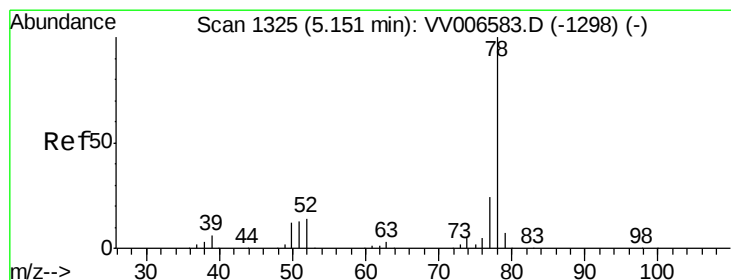
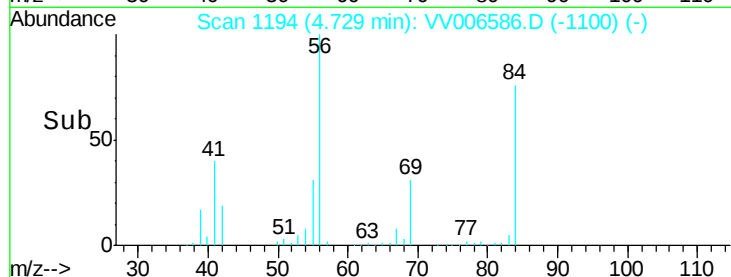
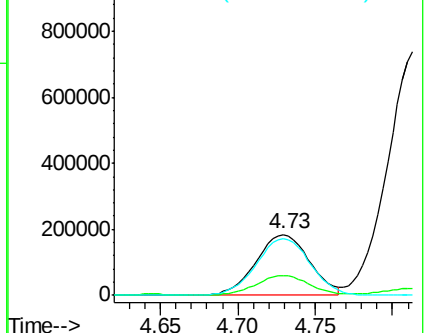
84 95.0 74.7 112.1



Abundance Ion 56.10 (55.80 to 56.80): VV006583.D (-1172) (-)

Ion 69.15 (68.85 to 69.85): VV006583.D (-1172) (-)

Ion 84.15 (83.85 to 84.85): VV006583.D (-1172) (-)



#33

Benzene

Concen: 0.265 ug/L

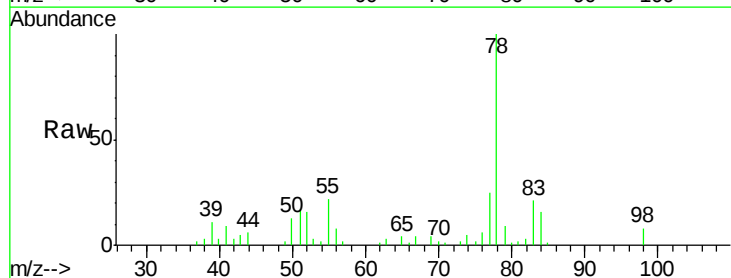
RT: 5.15 min Scan# 1326

Delta R.T. 0.00 min

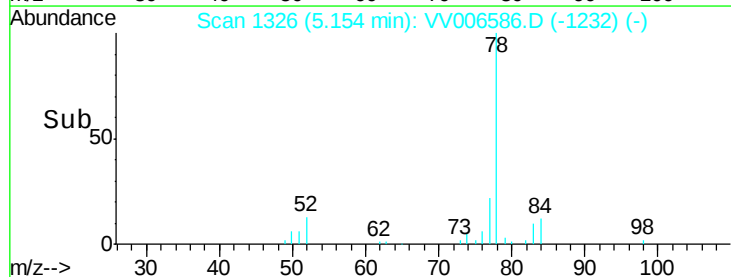
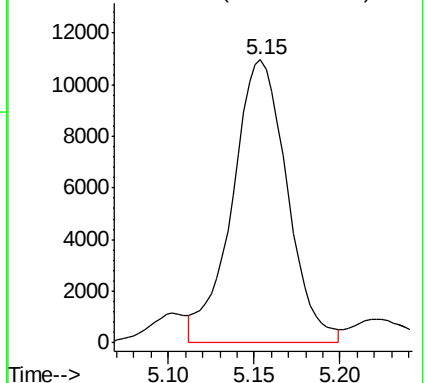
Lab File: VV006586.D

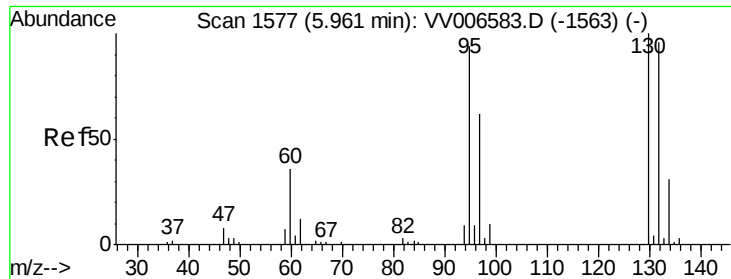
Acq: 12 Jul 2018 15:23

Tgt Ion: 78 Resp: 24351



Abundance Ion 78.10 (77.80 to 78.80): VV006583.D (-1298) (-)





#34

Trichloroethene

Concen: 0.253 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006586.D

Acq: 12 Jul 2018 15:23

Instrument :

MSVOA_V

ClientSampleId :

C0AE7

Tgt Ion: 95 Resp: 5970

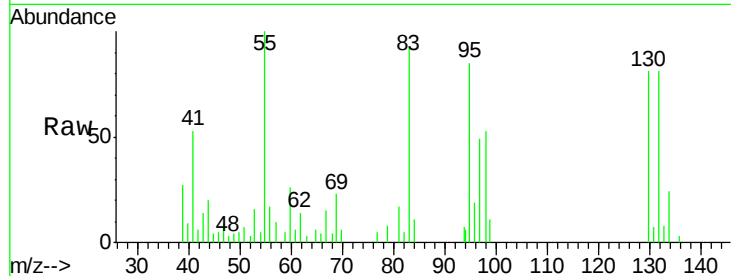
Ion Ratio Lower Upper

95 100

97 58.0 44.3 82.3

132 95.6 70.0 130.0

130 95.2 72.7 134.9

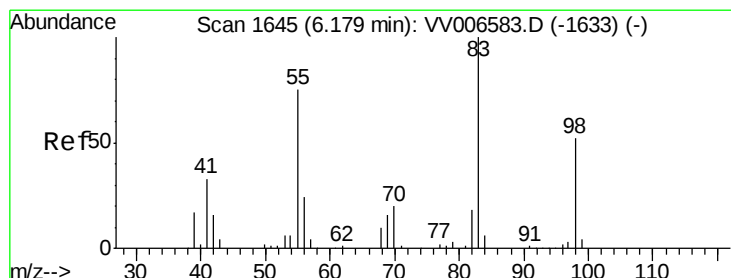
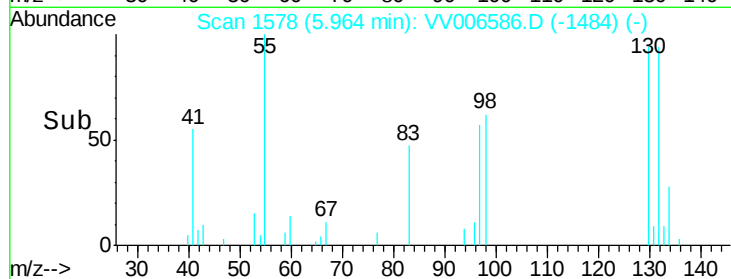
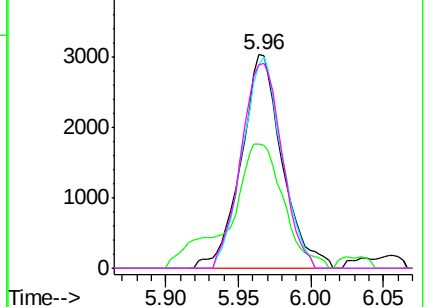


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 11.476 ug/L

RT: 6.18 min Scan# 1645

Delta R.T. 0.00 min

Lab File: VV006586.D

Acq: 12 Jul 2018 15:23

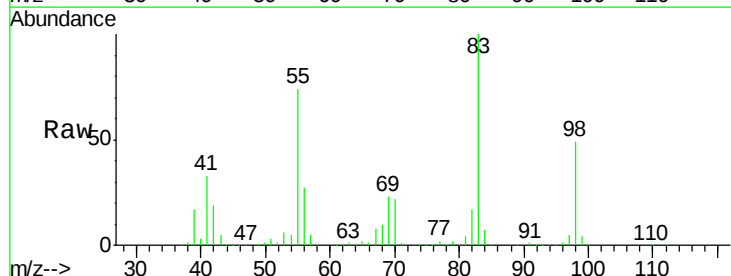
Tgt Ion: 83 Resp: 435318

Ion Ratio Lower Upper

83 100

55 80.9 58.3 87.5

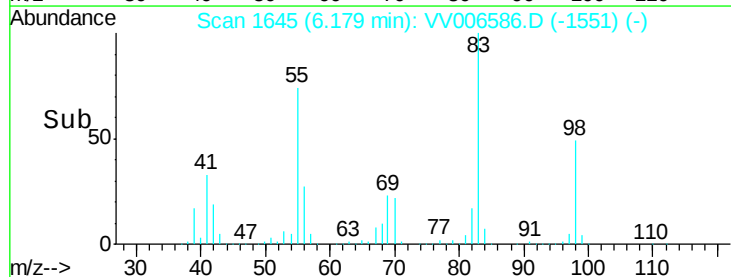
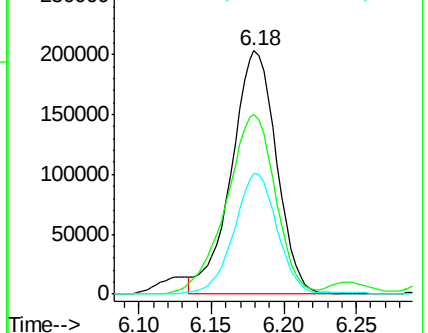
98 47.9 39.3 58.9

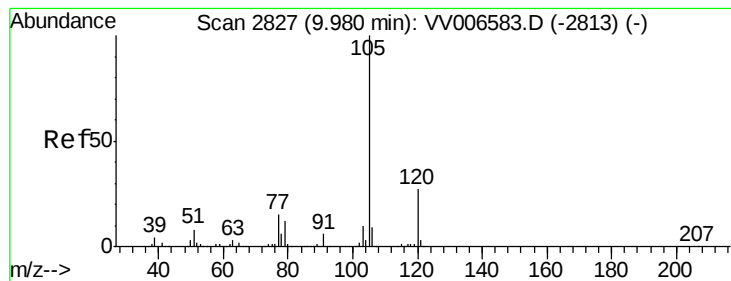


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#56

Isopropylbenzene

Concen: 2.016 ug/L

RT: 9.98 min Scan# 2827

Delta R.T. -0.00 min

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ClientSampleId :

C0AE7

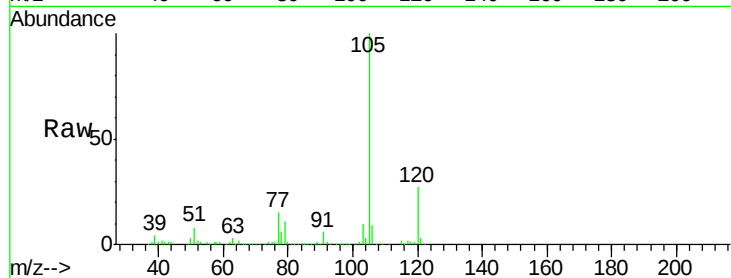
Tgt Ion:105 Resp: 197938

Ion Ratio Lower Upper

105 100

120 26.8 21.5 32.3

77 14.9 11.8 17.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VV0

