

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080818\
 Data File : VV006934.D
 Acq On : 08 Aug 2018 15:24
 Operator : SY/MD
 Sample : J4357-19
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWT7

Quant Time: Aug 09 07:24:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 09 07:05:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	203603	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	191264	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	76521	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78876	6.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	129.20%
7) Chloroethane-d5	1.58	69	62232	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.13	63	101734	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.00%
20) 2-Butanone-d5	3.97	46	196033	50.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.66%
24) Chloroform-d	4.41	84	134056	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	5.09	65	71673	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.10	84	263860	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.60%
36) 1,2-Dichloropropane-d6	6.12	67	91480	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.40%
41) Toluene-d8	7.37	98	197954	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	7.67	79	27564	5.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.40%
46) 2-Hexanone-d5	8.15	63	94101	41.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.40%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	61938	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	67338	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

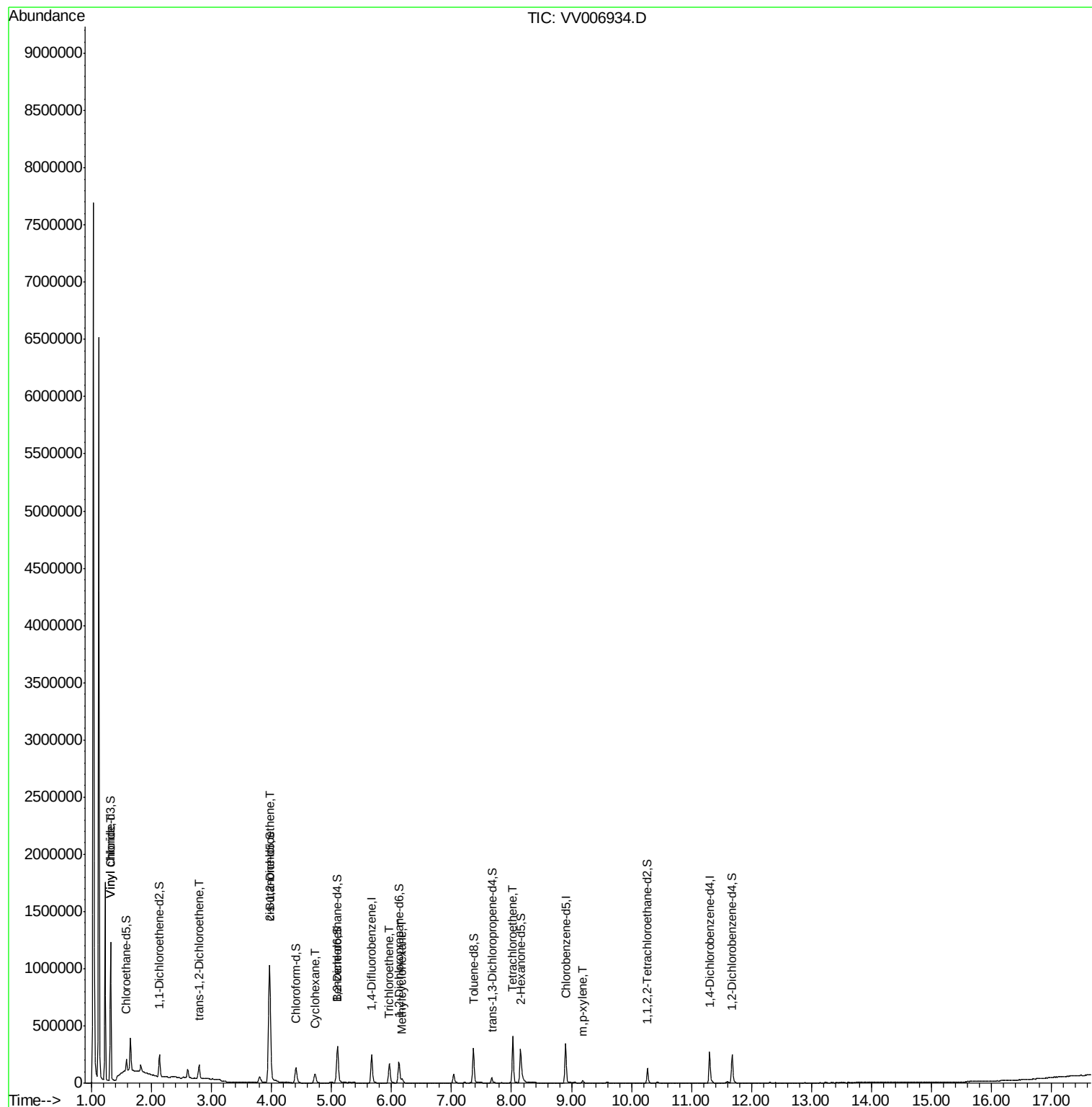
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	90431	4.73	ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	38542	2.64	ug/L	93
22) cis-1,2-Dichloroethene	3.97	96	507261	34.67	ug/L	97
30) Cyclohexane	4.73	56	39275	1.74	ug/L	98
34) Trichloroethene	5.96	95	59460	4.33	ug/L	98
35) Methylcyclohexane	6.18	83	10583	0.50	ug/L	87
47) Tetrachloroethene	8.02	164	90050	8.62	ug/L	98
53) m,p-xylene	9.19	106	5493	0.28	ug/L	85

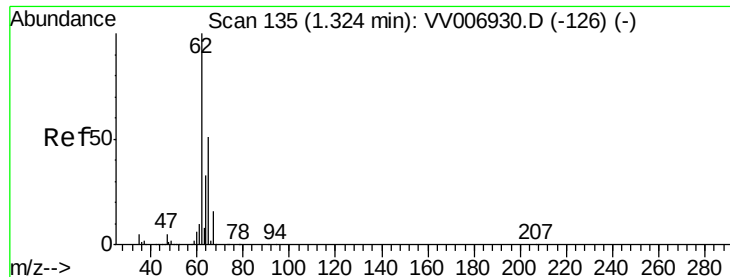
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.73 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006934.D

Acq: 08 Aug 2018 15:24

Instrument :

MSVOA_V

ClientSampleId :

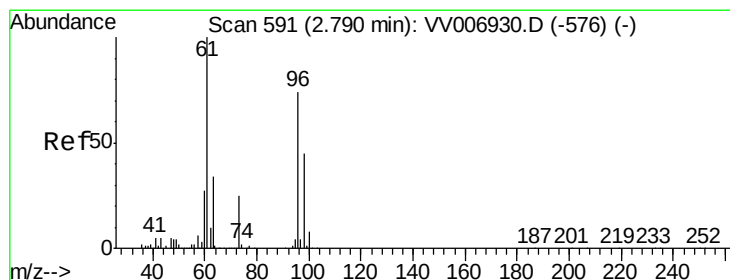
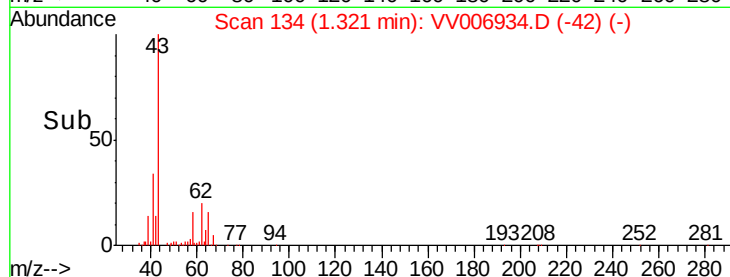
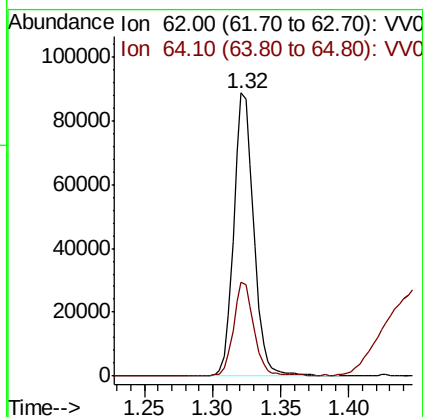
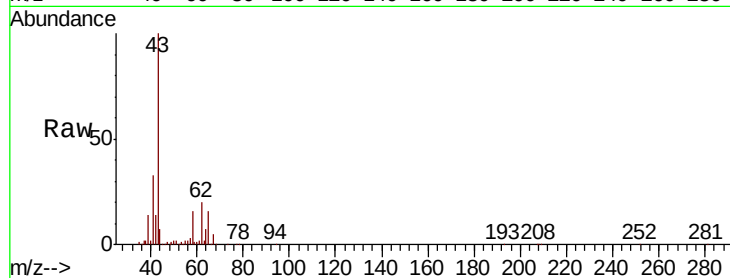
ESWT7

Tot Ion: 62 Resp: 90431

Ion Ratio Lower Upper

62 100

64 33.2 22.1 41.1



#18

trans-1,2-Dichloroethene

Concen: 2.64 ug/L

RT: 2.79 min Scan# 592

Delta R.T. 0.00 min

Lab File: VV006934.D

Acq: 08 Aug 2018 15:24

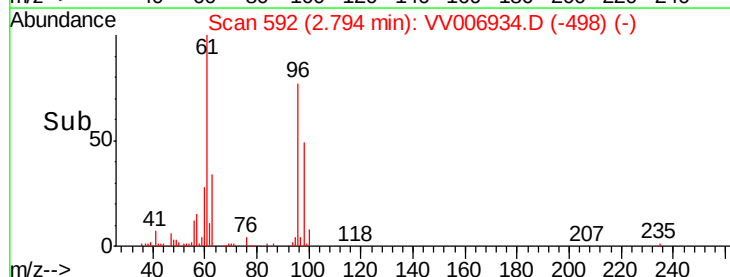
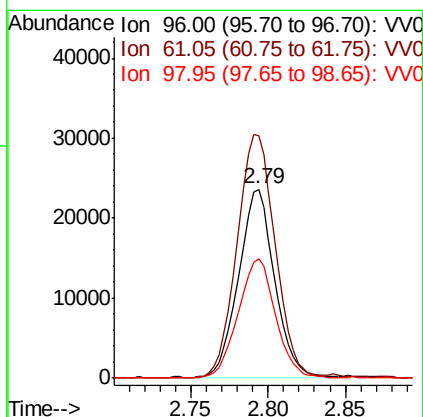
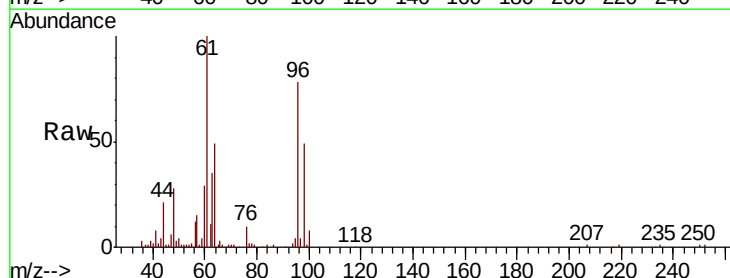
Tgt Ion: 96 Resp: 38542

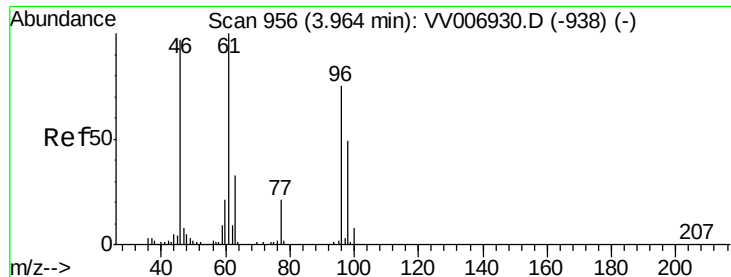
Ion Ratio Lower Upper

96 100

61 128.7 97.3 180.7

98 63.0 42.8 79.6





#22

cis-1,2-Dichloroethene

Concen: 34.67 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV006934.D

Acq: 08 Aug 2018 15:24

Instrument :

MSVOA_V

ClientSampleId :

ESWT7

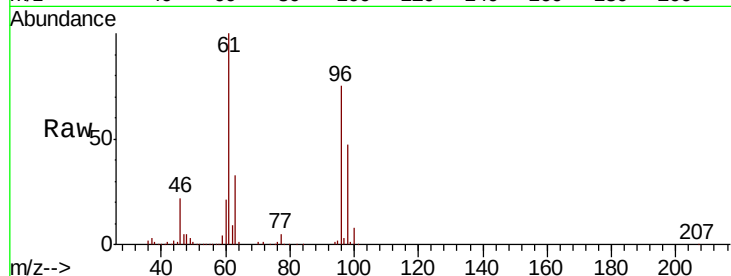
Tot Ion: 96 Resp: 507261

Ion Ratio Lower Upper

96 100

61 133.3 95.5 177.4

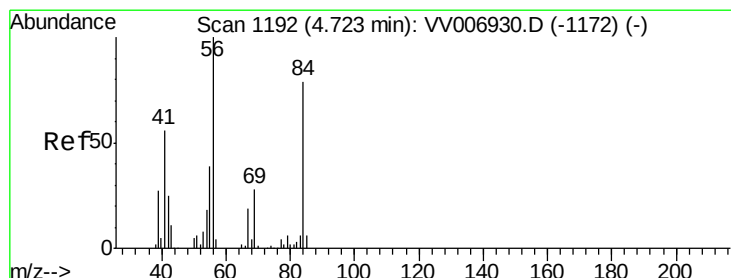
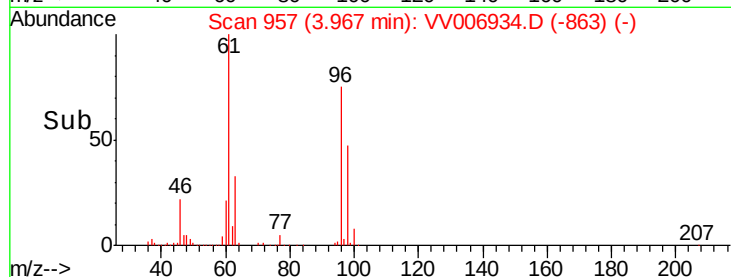
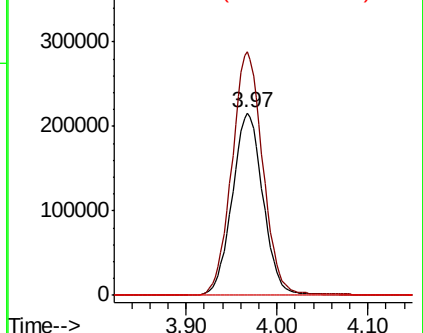
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV006930.D (-938) (-)

Ion 61.05 (60.75 to 61.75): VV006930.D (-938) (-)

Ion 68.15 (67.85 to 68.85): VV006930.D (-938) (-)



#30

Cyclohexane

Concen: 1.74 ug/L

RT: 4.73 min Scan# 1193

Delta R.T. 0.00 min

Lab File: VV006934.D

Acq: 08 Aug 2018 15:24

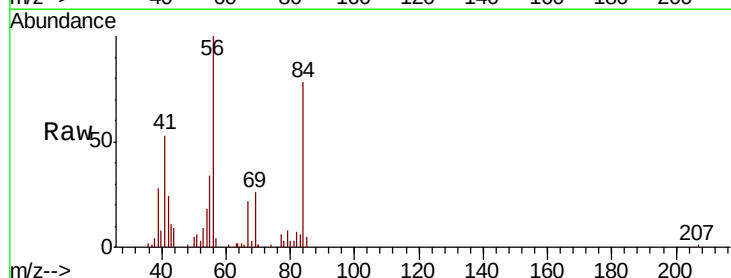
Tgt Ion: 56 Resp: 39275

Ion Ratio Lower Upper

56 100

69 27.7 24.2 36.2

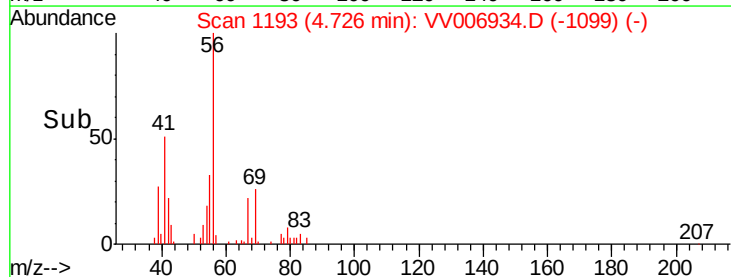
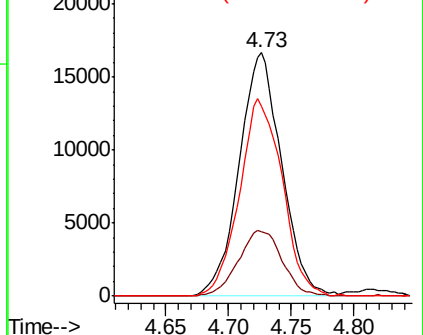
84 81.1 65.5 98.3

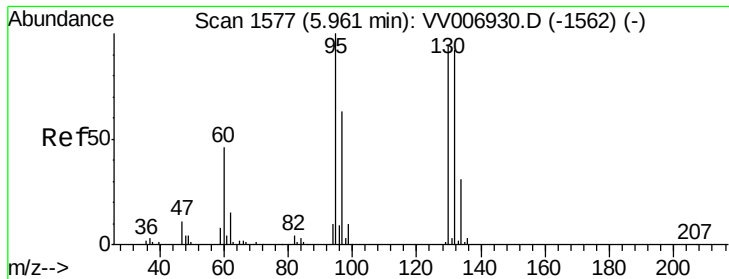


Abundance Ion 56.10 (55.80 to 56.80): VV006930.D (-1172) (-)

Ion 69.15 (68.85 to 69.85): VV006930.D (-1172) (-)

Ion 84.15 (83.85 to 84.85): VV006930.D (-1172) (-)





#34

Trichloroethene

Concen: 4.33 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006934.D

Acq: 08 Aug 2018 15:24

Instrument :

MSVOA_V

ClientSampleId :

ESWT7

Tot Ion: 95 Resp: 59460

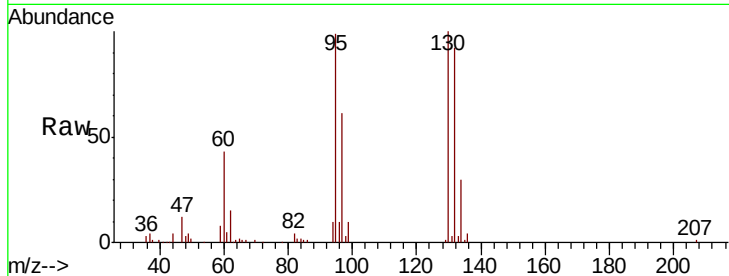
Ion Ratio Lower Upper

95 100

97 61.6 44.4 82.4

132 92.9 65.6 121.8

130 100.7 68.8 127.8

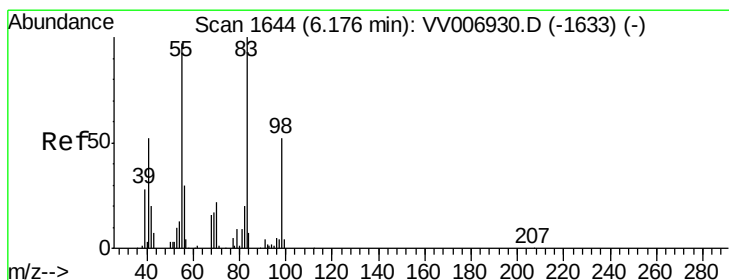
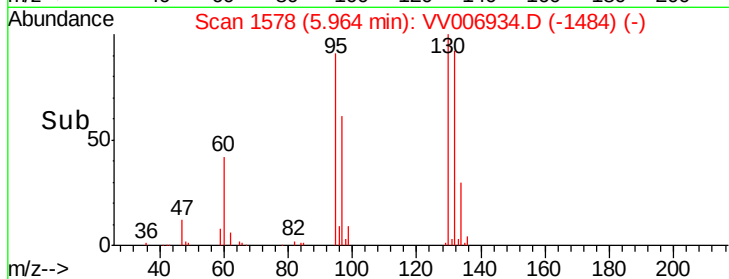
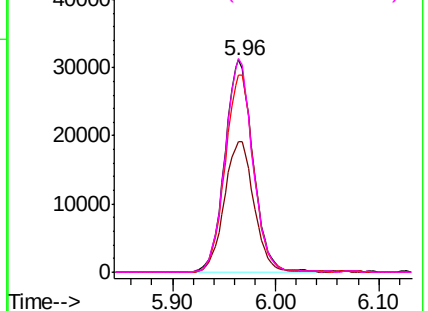


Abundance Ion 95.00 (94.70 to 95.70): VV006930.D (-1562) (-)

Ion 96.95 (96.65 to 97.65): VV006930.D (-1562) (-)

Ion 131.95 (131.65 to 132.65): VV006930.D (-1562) (-)

Ion 129.95 (129.65 to 130.65): VV006930.D (-1562) (-)



#35

Methylcyclohexane

Concen: 0.50 ug/L

RT: 6.18 min Scan# 1644

Delta R.T. 0.00 min

Lab File: VV006934.D

Acq: 08 Aug 2018 15:24

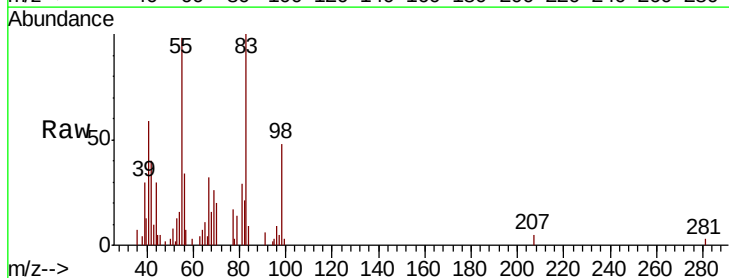
Tgt Ion: 83 Resp: 10583

Ion Ratio Lower Upper

83 100

55 103.3 69.8 104.8

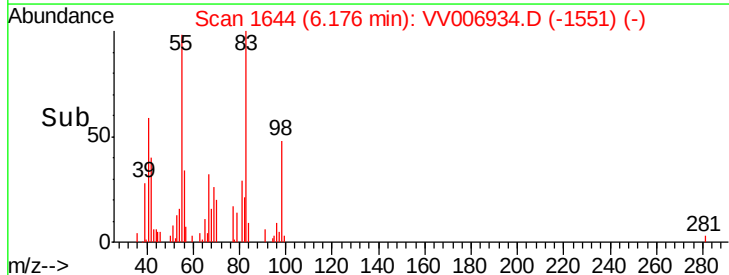
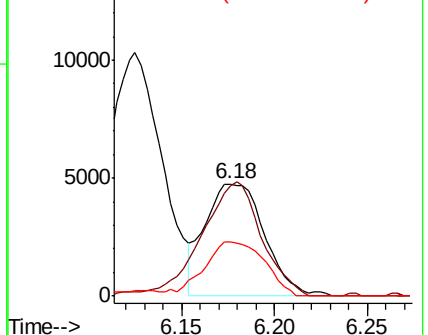
98 48.9 36.4 54.6

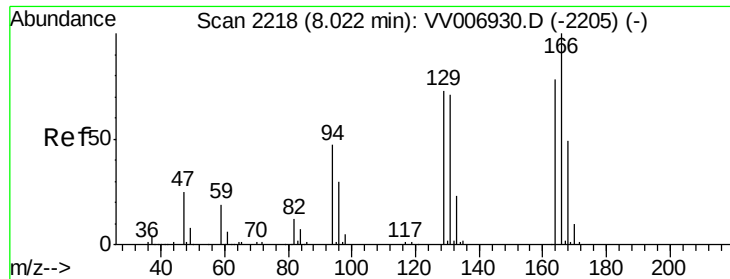


Abundance Ion 83.15 (82.85 to 83.85): VV006930.D (-1633) (-)

Ion 55.10 (54.80 to 55.80): VV006930.D (-1633) (-)

Ion 98.15 (97.85 to 98.85): VV006930.D (-1633) (-)





#47

Tetrachloroethene

Concen: 8.62 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV006934.D

Acq: 08 Aug 2018 15:24

Instrument :

MSVOA_V

ClientSampleId :

ESWT7

Tot Ion:164 Resp: 90050

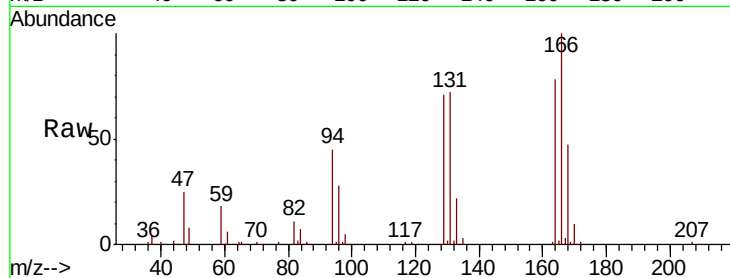
Ion Ratio Lower Upper

164 100

129 91.4 63.1 117.3

131 91.6 62.3 115.7

166 128.0 87.4 162.4

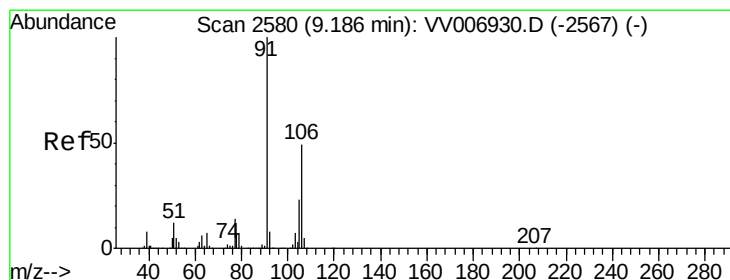
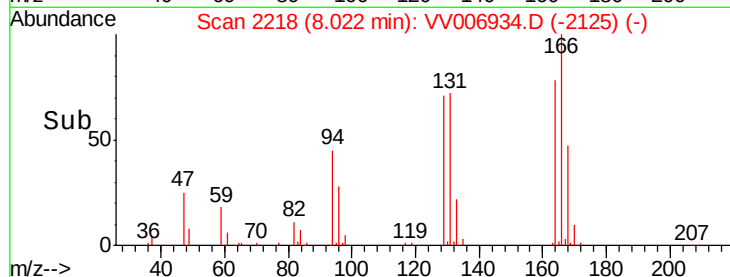
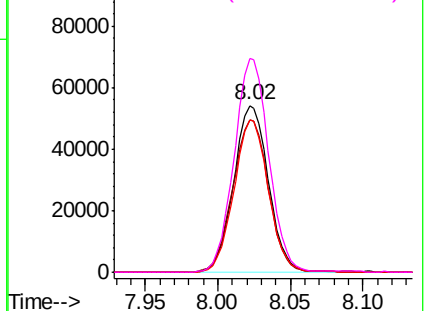


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#53

m,p-xylene

Concen: 0.28 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. 0.00 min

Lab File: VV006934.D

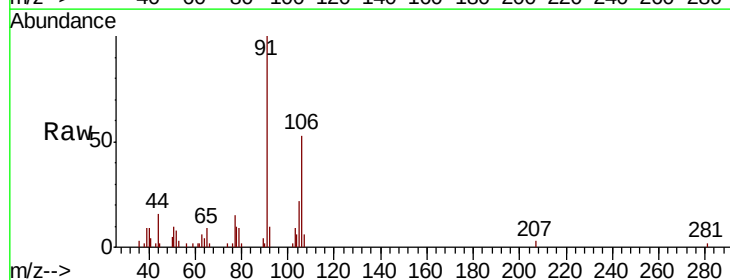
Acq: 08 Aug 2018 15:24

Tgt Ion:106 Resp: 5493

Ion Ratio Lower Upper

106 100

91 188.1 147.7 274.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

