

Data File : VV008694.D
Acq On : 21 Nov 2018 12:26
Operator : SY/MD
Sample : J6026-04RE
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0FK3

Quant Time: Nov 22 00:40:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 22 00:36:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	167943	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	152905	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64479	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38571	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.59	69	28125	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.14	63	56276	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	3.96	46	105160	39.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.80%
24) Chloroform-d	4.41	84	86860	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.09	65	45632	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	5.10	84	186222	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.12	67	57329	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.36	98	166864	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	7.67	79	17035	3.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.40%
46) 2-Hexanone-d5	8.14	63	69715	31.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	62.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34860	3.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	53424	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

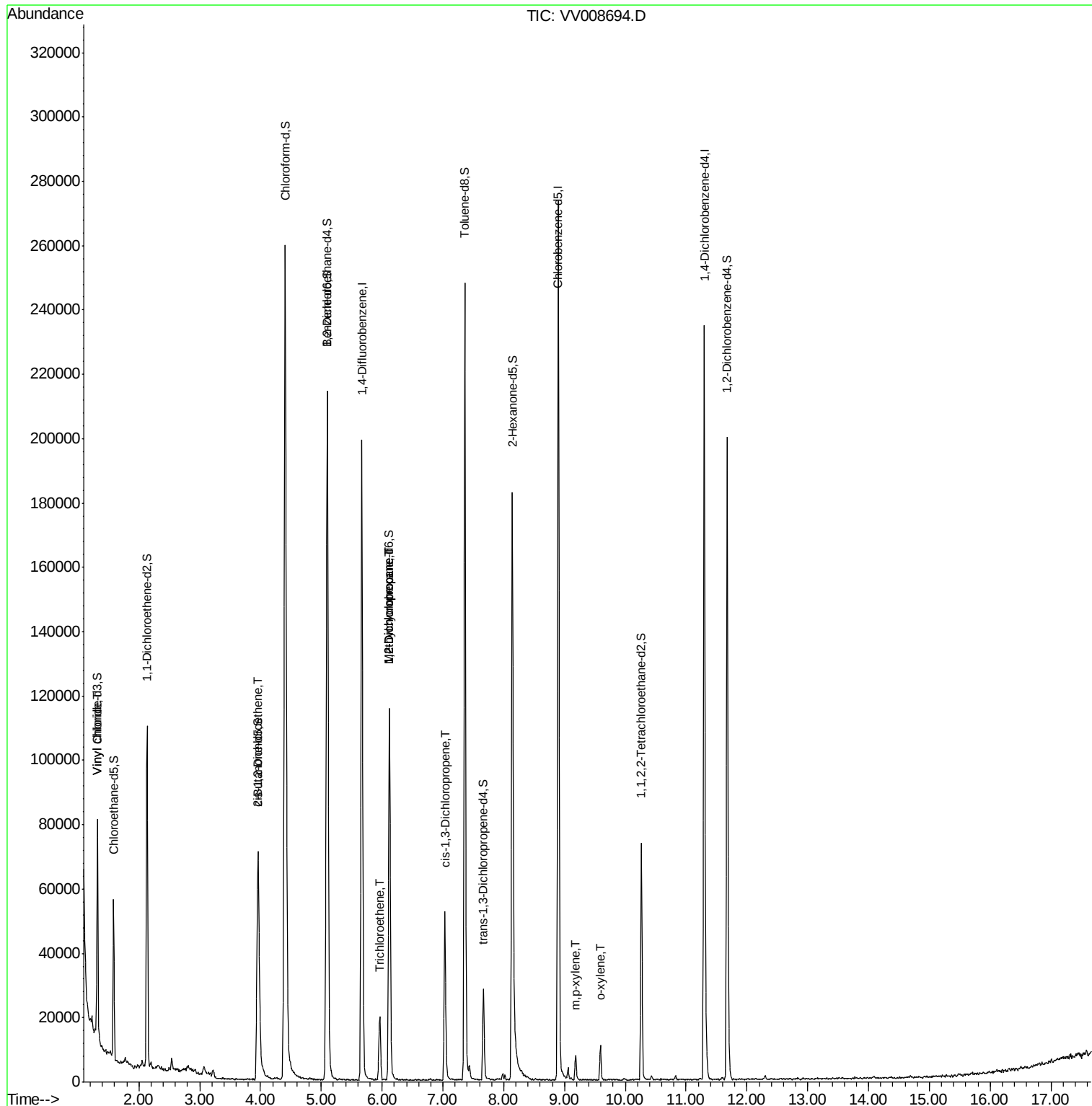
					Qvalue
5) Vinyl chloride	1.32	62	785	0.074 ug/L #	10
22) cis-1,2-Dichloroethene	3.97	96	9341	0.732 ug/L	91
34) Trichloroethene	5.96	95	6369	0.497 ug/L	95
35) Methylcyclohexane	6.12	83	12967	0.598 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6053	0.475 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1287	0.075 ug/L #	51
53) m,p-xylene	9.18	106	2232	0.109 ug/L	99
54) o-xylene	9.59	106	2952	0.148 ug/L	100

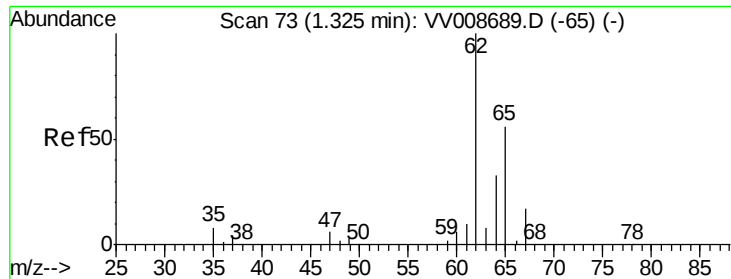
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.074 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

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Acq: 21 Nov 2018 12:26

Instrument :

MSVOA_V

ClientSampleId :

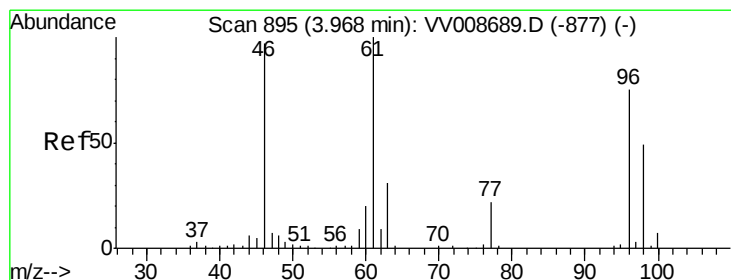
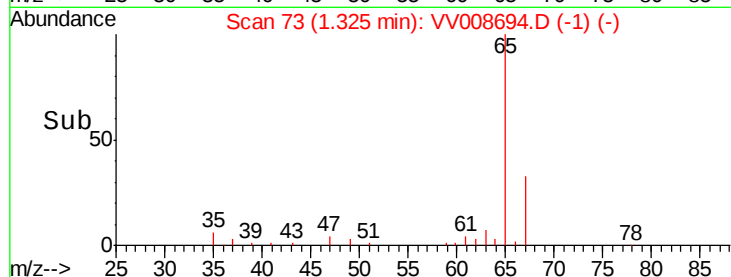
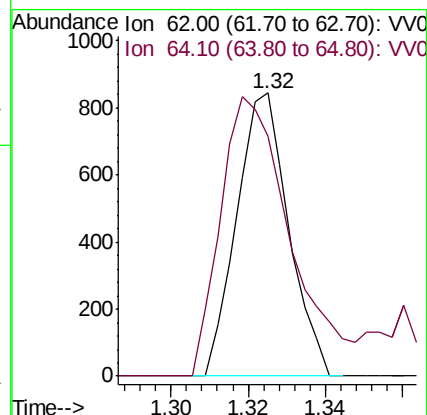
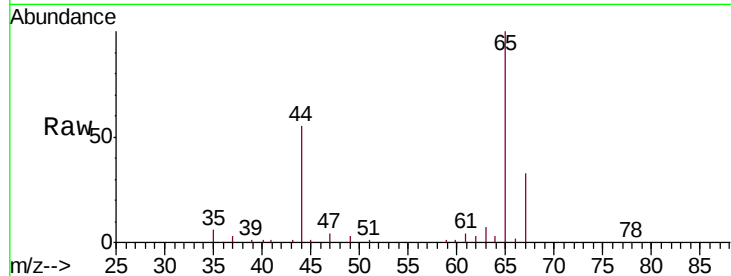
H0FK3

Tgt Ion: 62 Resp: 785

Ion Ratio Lower Upper

62 100

64 84.7 23.4 43.4#



#22

cis-1,2-Dichloroethene

Concen: 0.732 ug/L

RT: 3.97 min Scan# 895

Delta R.T. -0.00 min

Lab File: VV008694.D

Acq: 21 Nov 2018 12:26

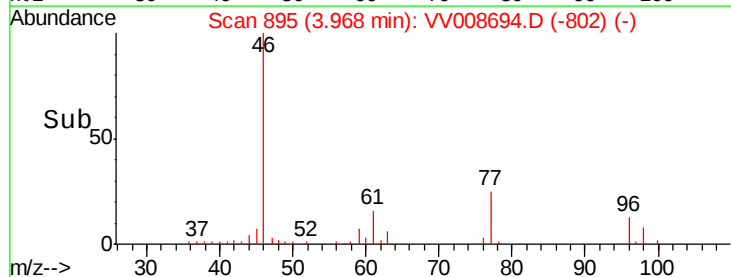
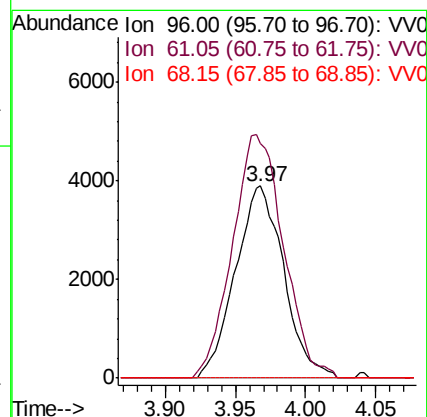
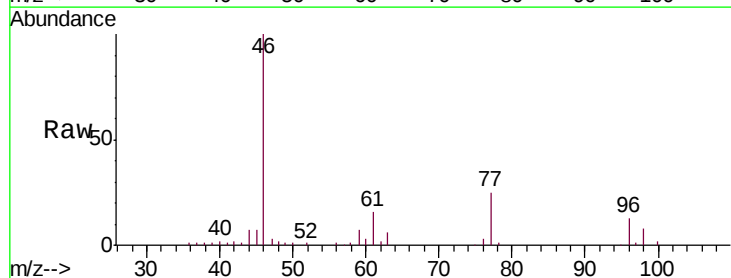
Tgt Ion: 96 Resp: 9341

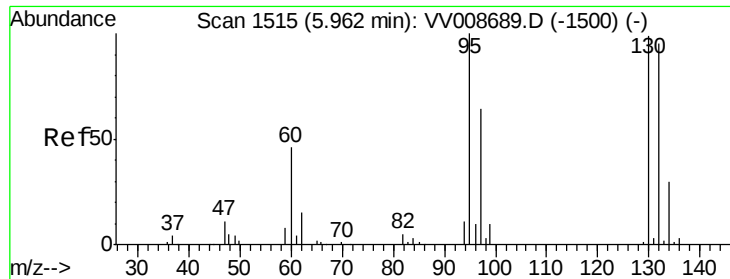
Ion Ratio Lower Upper

96 100

61 122.2 93.2 173.2

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.497 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV008694.D

Acq: 21 Nov 2018 12:26

Instrument :

MSVOA_V

ClientSampleId :

H0FK3

Tgt Ion: 95 Resp: 6369

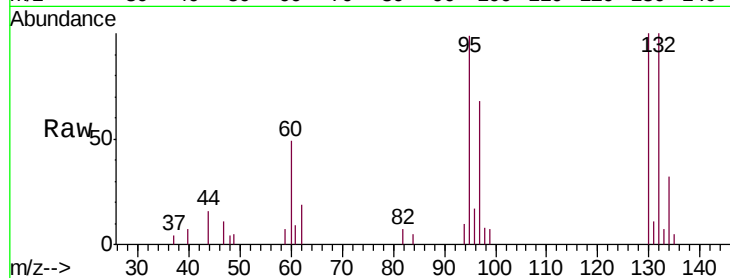
Ion Ratio Lower Upper

95 100

97 68.7 45.1 83.7

132 100.7 66.3 123.1

130 100.5 68.0 126.4

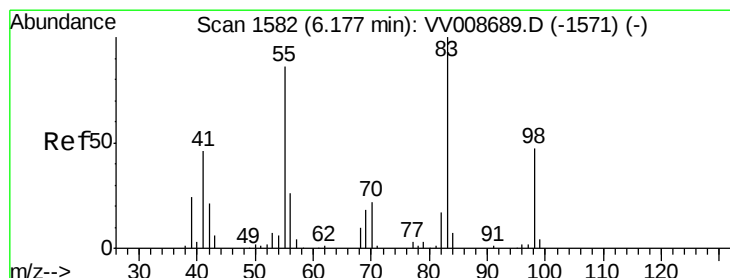
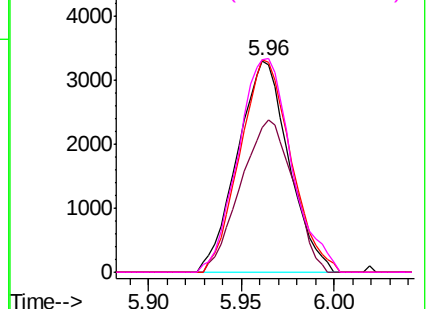
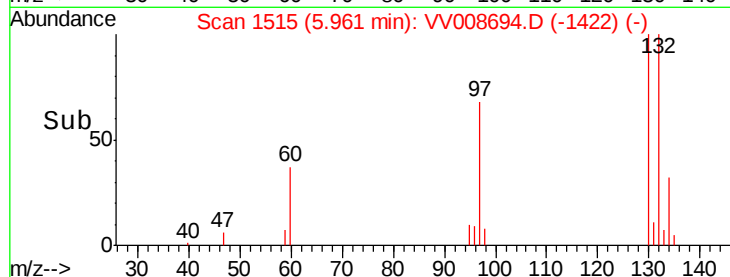


Abundance Ion 95.00 (94.70 to 95.70): VV008694.D (-1422) (-)

Ion 96.95 (96.65 to 97.65): VV008694.D (-1422) (-)

Ion 131.95 (131.65 to 132.65): VV008694.D (-1422) (-)

Ion 129.95 (129.65 to 130.65): VV008694.D (-1422) (-)



#35

Methylcyclohexane

Concen: 0.598 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.06 min

Lab File: VV008694.D

Acq: 21 Nov 2018 12:26

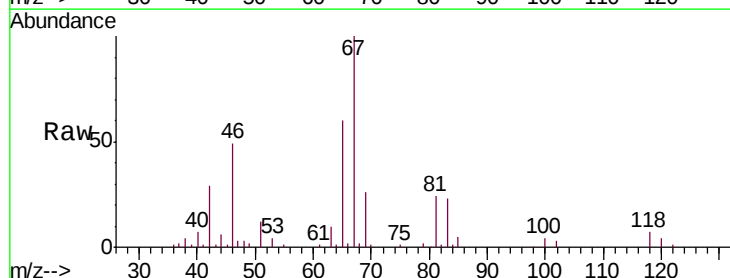
Tgt Ion: 83 Resp: 12967

Ion Ratio Lower Upper

83 100

55 0.6 65.6 98.4#

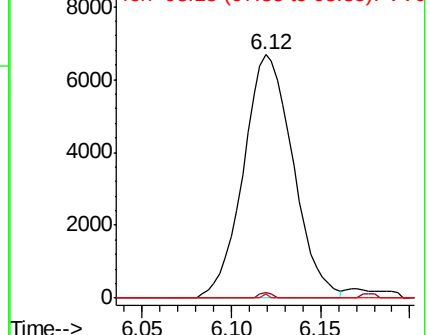
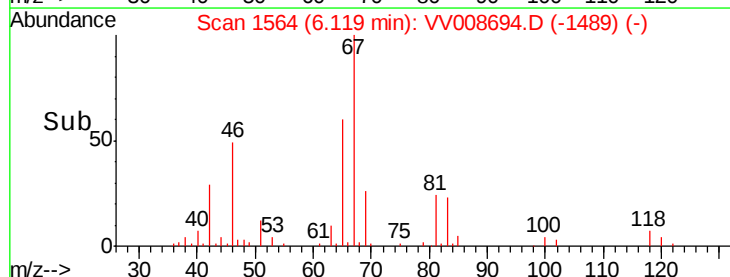
98 0.1 36.4 54.6#

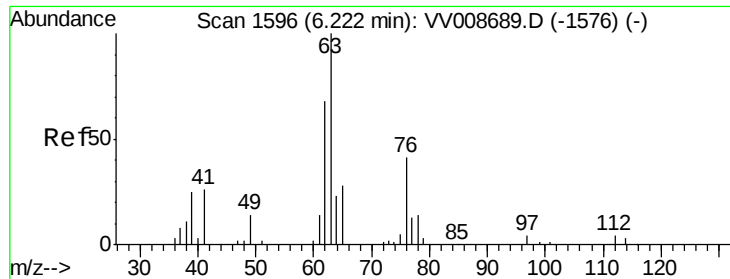


Abundance Ion 83.15 (82.85 to 83.85): VV008694.D (-1489) (-)

Ion 55.10 (54.80 to 55.80): VV008694.D (-1489) (-)

Ion 98.15 (97.85 to 98.85): VV008694.D (-1489) (-)

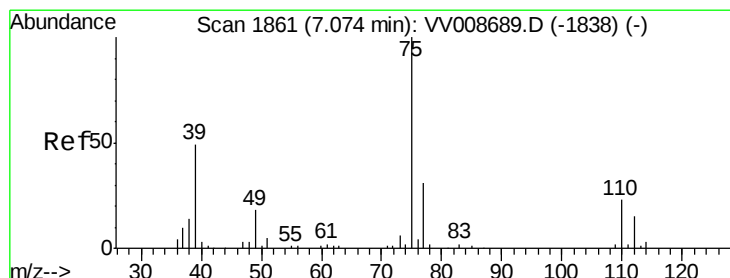
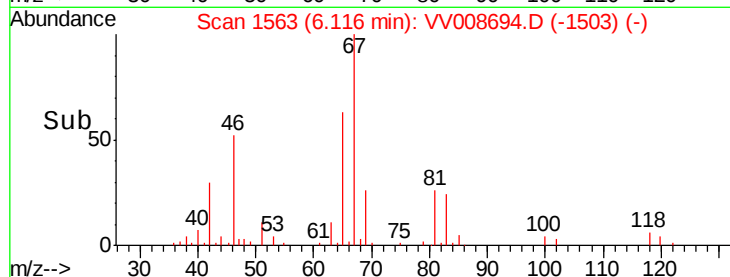
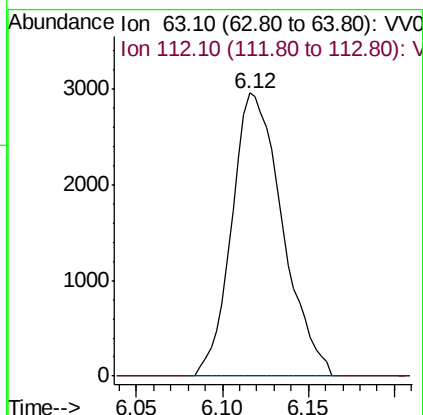
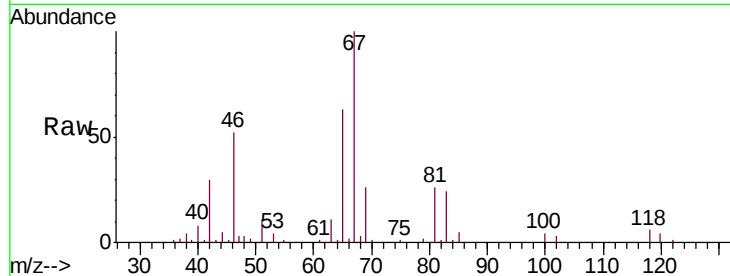




#37
 1,2-Dichloropropane
 Concen: 0.475 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.11 min
 Lab File: VV008694.D
 Acq: 21 Nov 2018 12:26

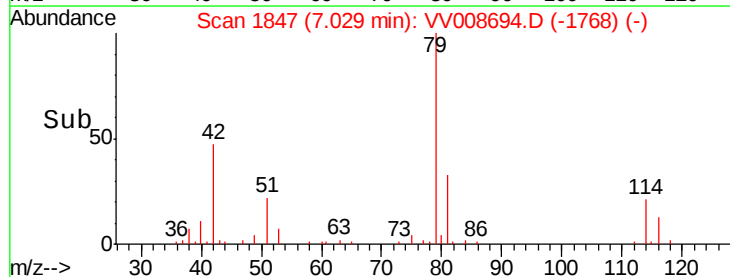
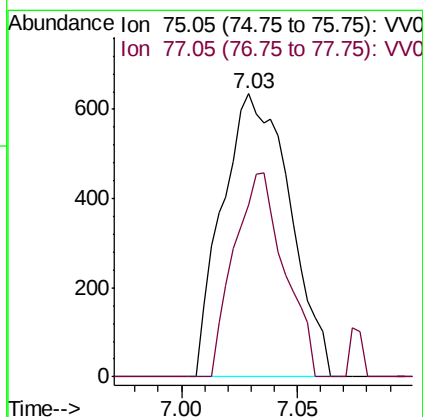
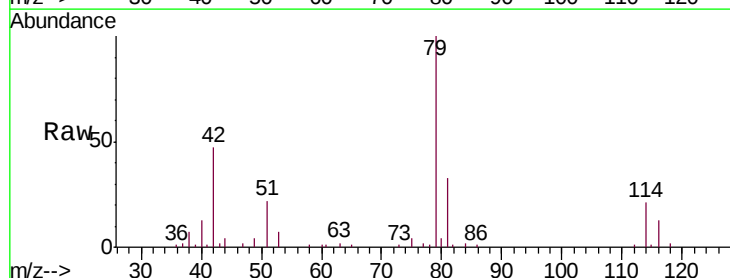
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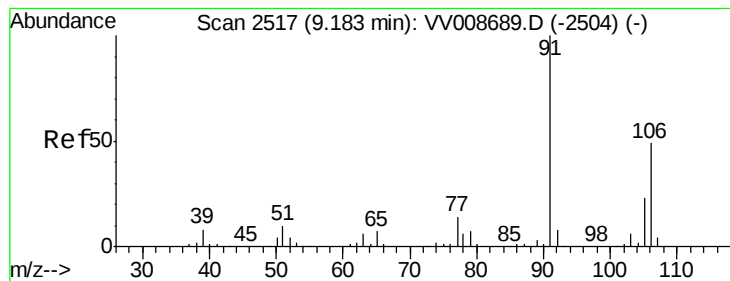
Tgt Ion: 63 Resp: 6053
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.8 4.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.075 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.05 min
 Lab File: VV008694.D
 Acq: 21 Nov 2018 12:26

Tgt Ion: 75 Resp: 1287
 Ion Ratio Lower Upper
 75 100
 77 60.6 23.0 42.8#





#53

m,p-xylene

Concen: 0.109 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. -0.00 min

Lab File: VV008694.D

Acq: 21 Nov 2018 12:26

Instrument :

MSVOA_V

ClientSampleId :

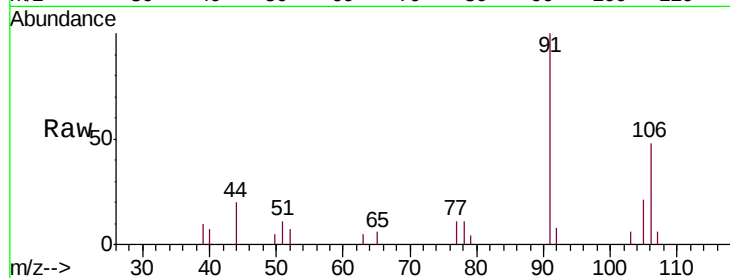
H0FK3

Tgt Ion:106 Resp: 2232

Ion Ratio Lower Upper

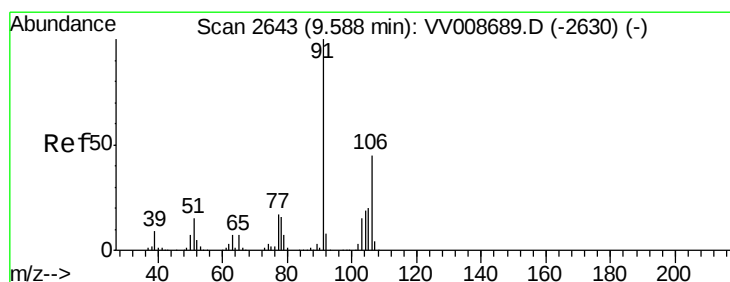
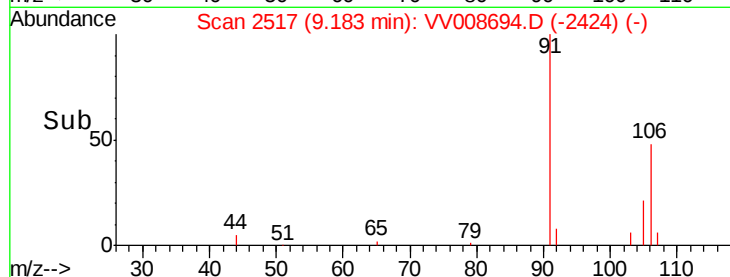
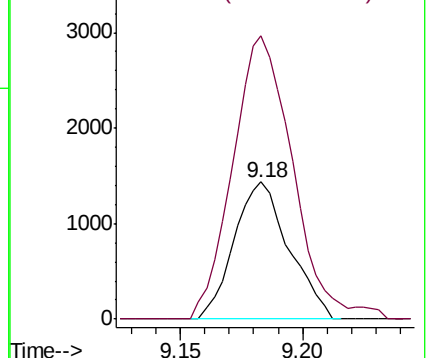
106 100

91 206.5 144.0 267.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 0.148 ug/L

RT: 9.59 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VV008694.D

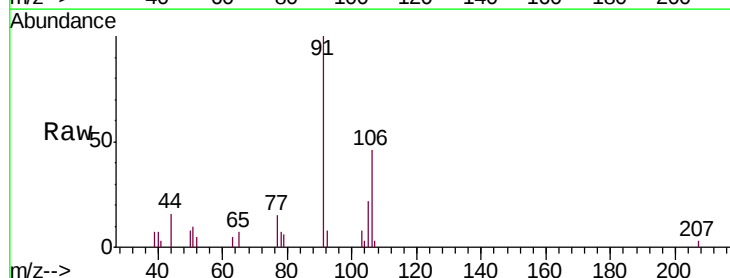
Acq: 21 Nov 2018 12:26

Tgt Ion:106 Resp: 2952

Ion Ratio Lower Upper

106 100

91 217.8 152.9 284.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

