

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV103018\
 Data File : VV008480.D
 Acq On : 30 Oct 2018 20:06
 Operator : SY/MD
 Sample : J5716-19MS
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBQ9MS

Quant Time: Oct 31 08:32:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 31 07:14:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	191565	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	173000	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	73415	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40719	38.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.78%
7) Chloroethane-d5	1.56	69	24600	32.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	64.24%#
11) 1,1-Dichloroethene-d2	2.13	63	80597	42.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.14%
21) 2-Butanone-d5	3.94	46	102819	89.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.20%
24) Chloroform-d	4.41	84	109898	42.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.02%
26) 1,2-Dichloroethane-d4	5.09	65	77548	44.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.68%
32) Benzene-d6	5.10	84	218459	44.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.62%
36) 1,2-Dichloropropane-d6	6.12	67	76151	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.00%
41) Toluene-d8	7.36	98	194324	43.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.82%
43) trans-1,3-Dichloropropene-	7.67	79	35907	43.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.38%
47) 2-Hexanone-d5	8.14	63	80685	90.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.30%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	109764	47.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.72%
64) 1,2-Dichlorobenzene-d4	11.68	152	68805	45.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.64%

Target Compounds

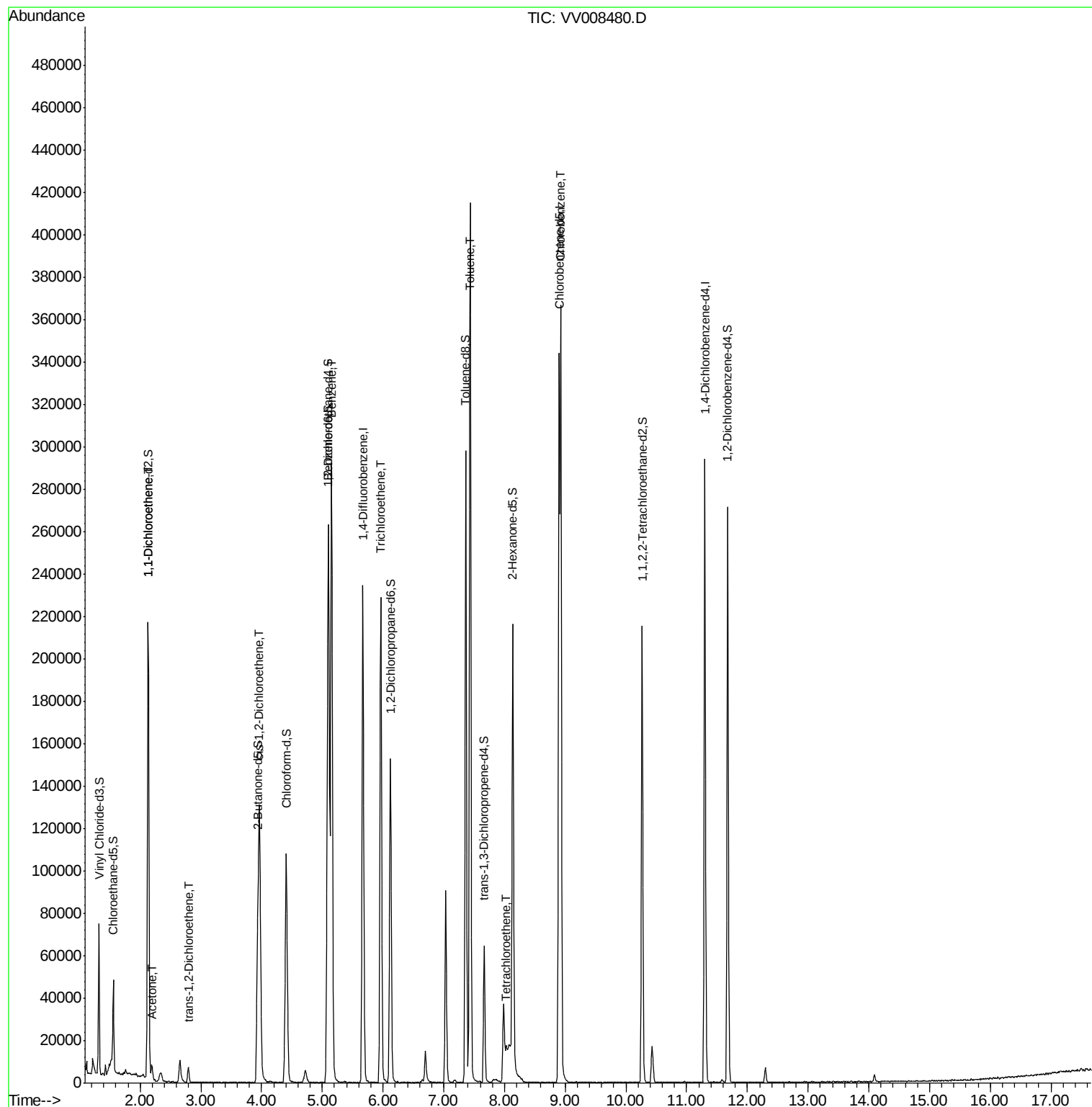
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	42827	49.827	ug/L	95
13) Acetone	2.19	43	4341	4.852	ug/L	92
17) trans-1,2-Dichloroethene	2.79	96	2681	2.046	ug/L	90
20) cis-1,2-Dichloroethene	3.96	96	61979	41.522	ug/L	94
33) Benzene	5.15	78	285631	50.509	ug/L	100
34) Trichloroethene	5.96	95	84289	58.219	ug/L	98
42) Toluene	7.43	91	295554	50.315	ug/L	99
46) Tetrachloroethene	8.03	164	1467	1.554	ug/L	83
51) Chlorobenzene	8.93	112	179429	49.609	ug/L	99

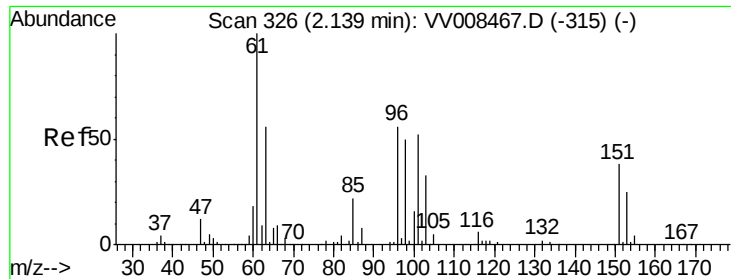
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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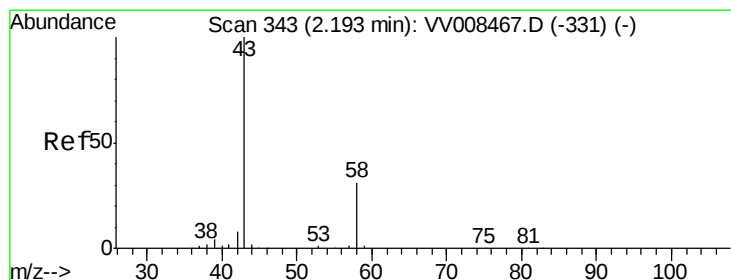
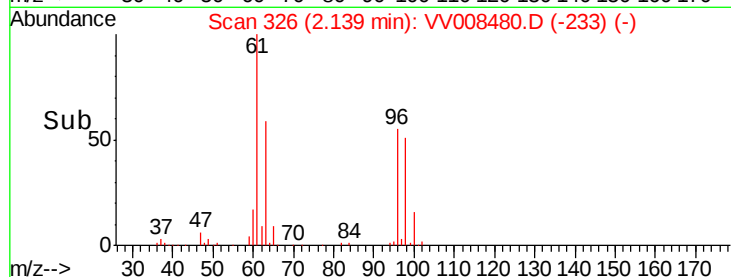
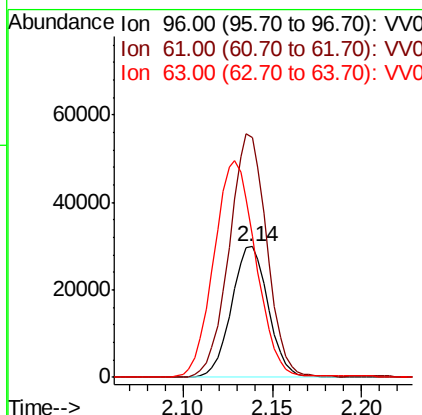
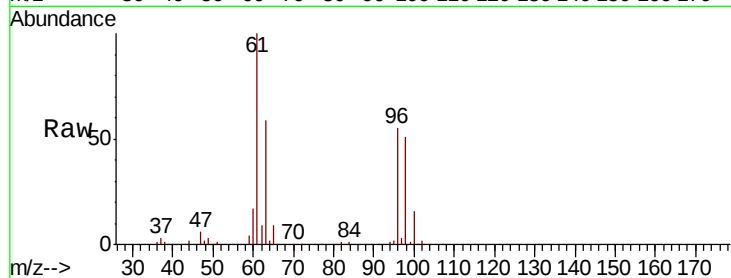




#12
 1,1-Dichloroethene
 Concen: 49.827 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VV008480.D
 Acq: 30 Oct 2018 20:06

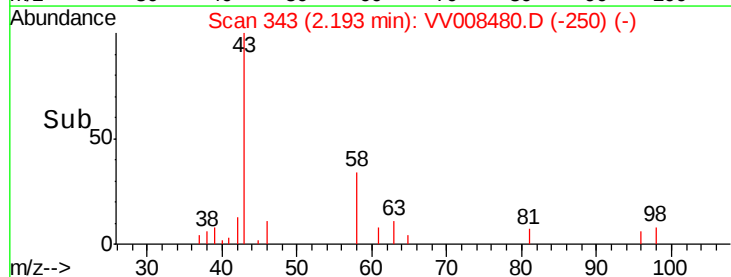
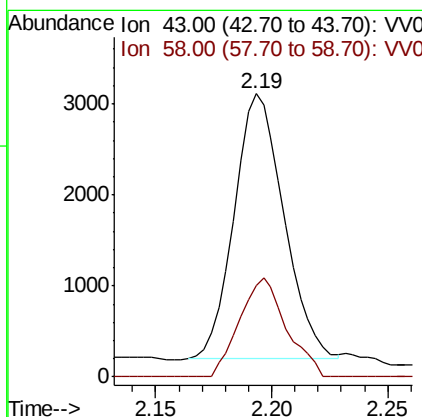
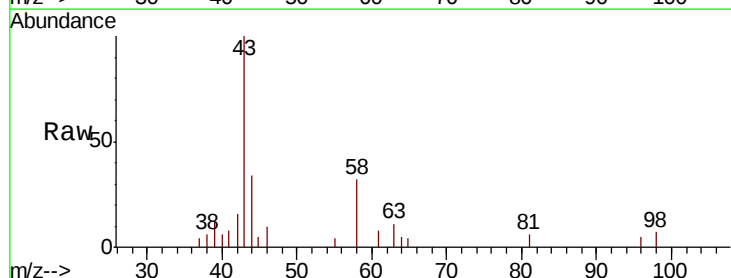
Instrument :
 MSVOA_V
 ClientSampleId :
 ETBQ9MS

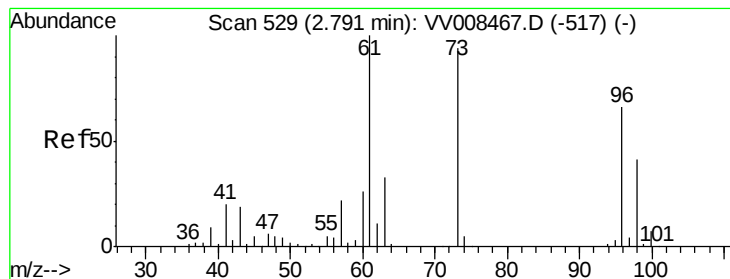
Tot Ion	Ratio	Lower	Upper
96	100		
61	183.2	130.3	242.1
63	108.6	84.4	156.8



#13
 Acetone
 Concen: 4.852 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. -0.00 min
 Lab File: VV008480.D
 Acq: 30 Oct 2018 20:06

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.2	0.0	61.4





#17

trans-1,2-Dichloroethene

Concen: 2.046 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.00 min

Lab File: VV008480.D

Acq: 30 Oct 2018 20:06

Instrument :

MSVOA_V

ClientSampleId :

ETBQ9MS

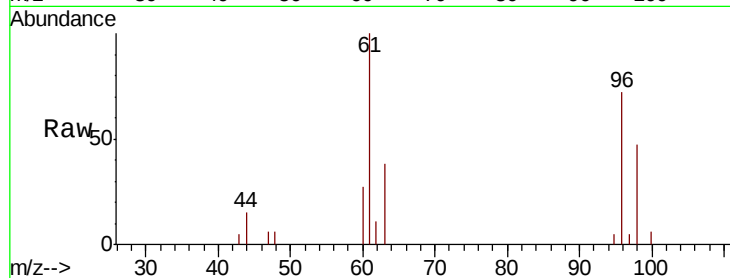
Tot Ion: 96 Resp: 2681

Ion Ratio Lower Upper

96 100

61 139.0 108.6 201.6

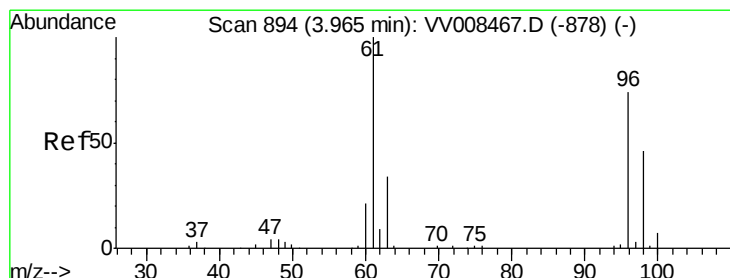
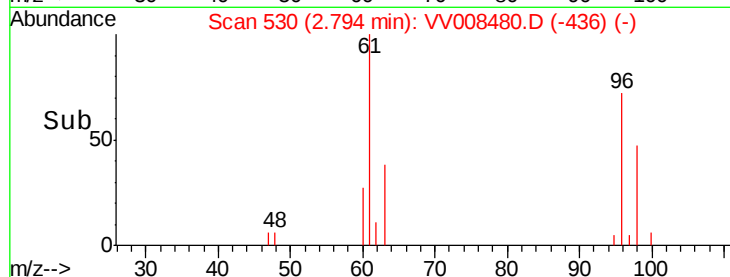
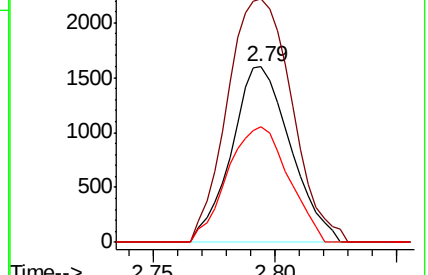
98 65.9 44.3 82.3



Abundance Ion 96.00 (95.70 to 96.70): VV008467.D (-517) (-)

Ion 61.00 (60.70 to 61.70): VV008467.D (-517) (-)

Ion 98.00 (97.70 to 98.70): VV008467.D (-517) (-)



#20

cis-1,2-Dichloroethene

Concen: 41.522 ug/L

RT: 3.96 min Scan# 894

Delta R.T. -0.00 min

Lab File: VV008480.D

Acq: 30 Oct 2018 20:06

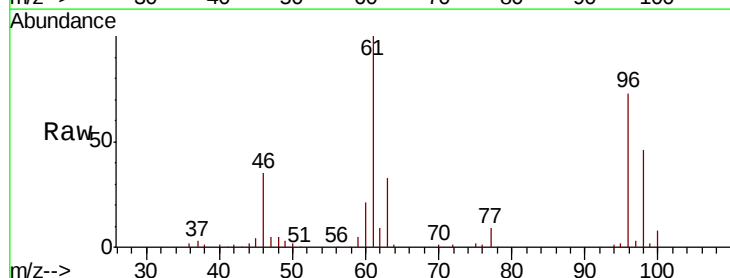
Tgt Ion: 96 Resp: 61979

Ion Ratio Lower Upper

96 100

61 137.2 100.9 187.5

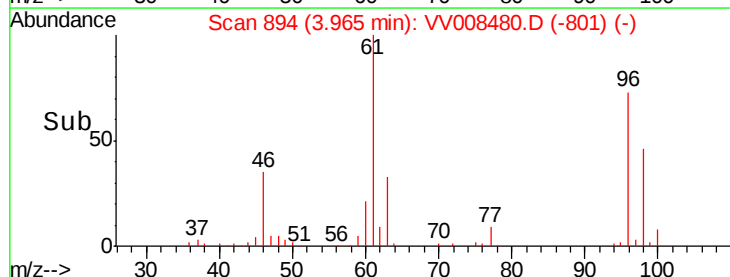
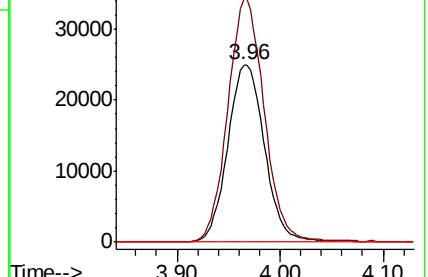
68 0.0 0.0 0.0

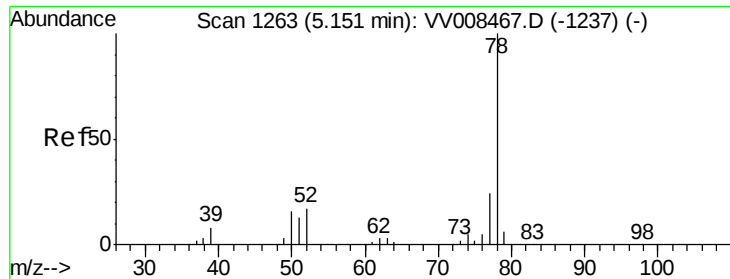


Abundance Ion 96.00 (95.70 to 96.70): VV008467.D (-878) (-)

Ion 61.00 (60.70 to 61.70): VV008467.D (-878) (-)

Ion 68.00 (67.70 to 68.70): VV008467.D (-878) (-)





#33

Benzene

Concen: 50.509 ug/L

RT: 5.15 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VV008480.D

Acq: 30 Oct 2018 20:06

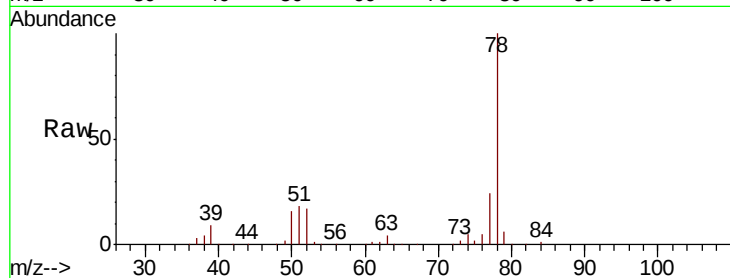
Instrument :

MSVOA_V

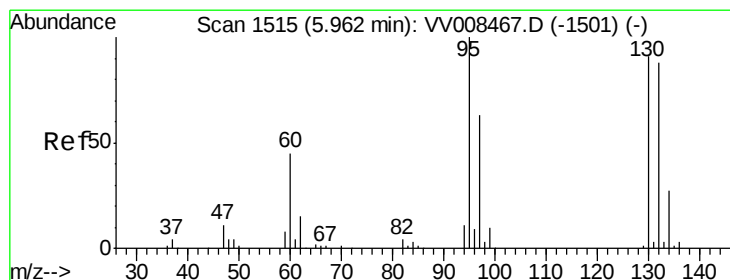
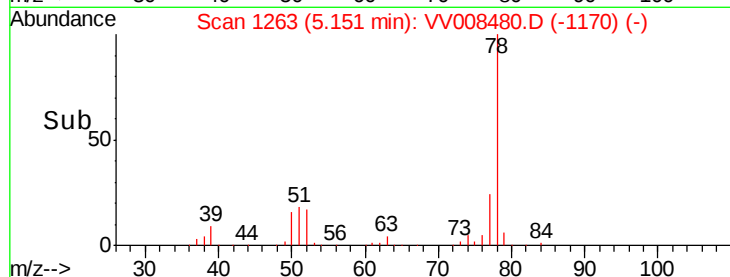
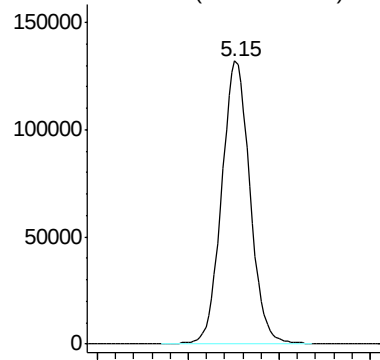
ClientSampleId :

ETBQ9MS

Tgt Ion: 78 Resp: 285631



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 58.219 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008480.D

Acq: 30 Oct 2018 20:06

Tgt Ion: 95 Resp: 84289

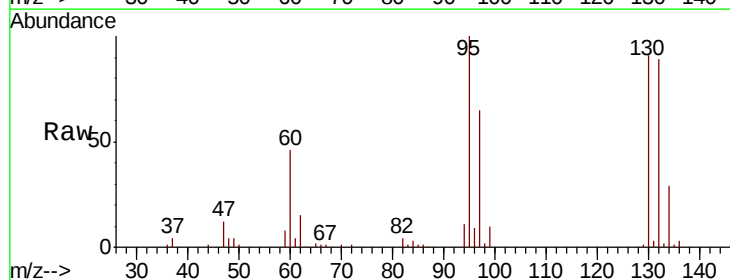
Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.2	84.0
132	89.0	63.8	118.6
130	90.8	64.7	120.1

95 100

97 64.8 45.2 84.0

132 89.0 63.8 118.6

130 90.8 64.7 120.1

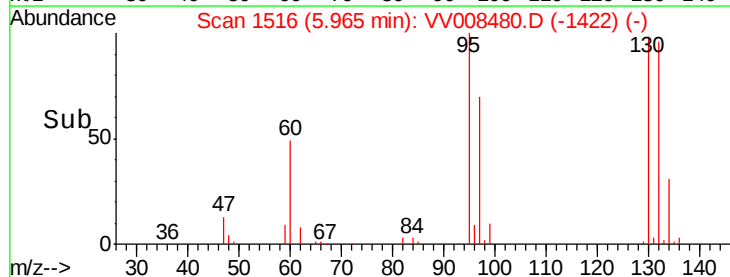
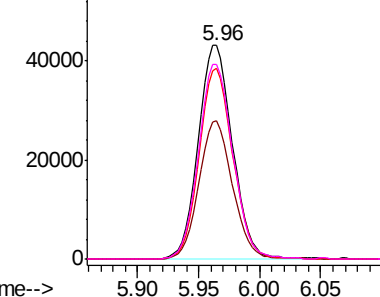


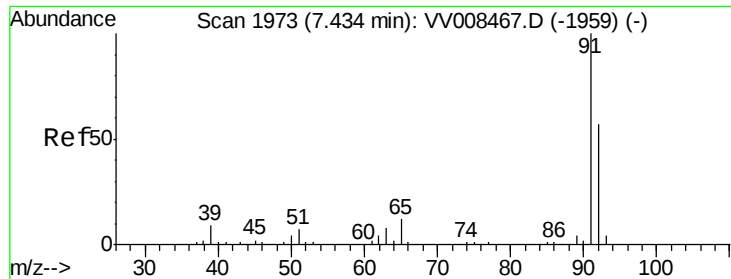
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#42

Toluene

Concen: 50.315 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VV008480.D

Acq: 30 Oct 2018 20:06

Instrument :

MSVOA_V

ClientSampleId :

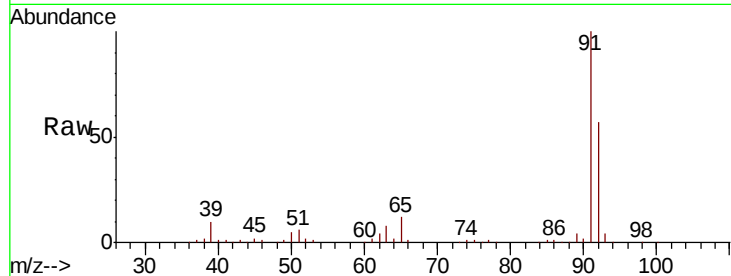
ETBQ9MS

Tot Ion: 91 Resp: 295554

Ion Ratio Lower Upper

91 100

92 57.4 39.5 73.4



Abundance Ion 91.00 (90.70 to 91.70): VV008467.D (-1959) (-)

Ion 92.00 (91.70 to 92.70): VV008467.D (-1959) (-)

7.43

200000

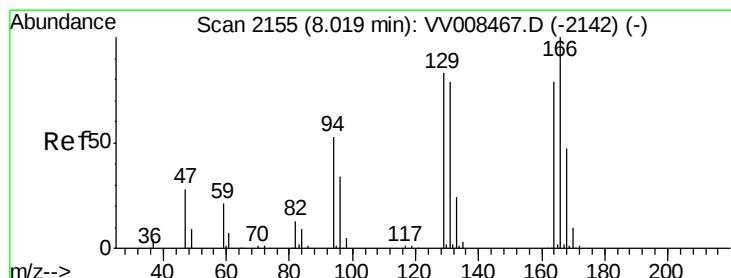
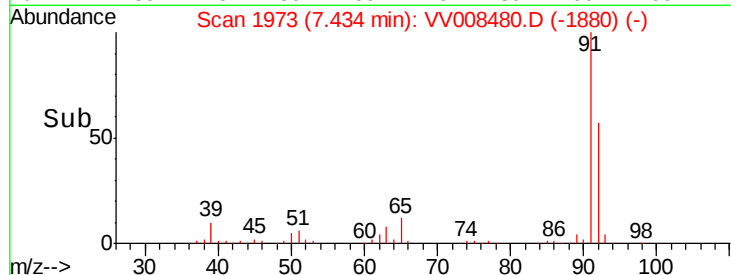
150000

100000

50000

0

Time-->



#46

Tetrachloroethene

Concen: 1.554 ug/L

RT: 8.03 min Scan# 2157

Delta R.T. 0.01 min

Lab File: VV008480.D

Acq: 30 Oct 2018 20:06

Tgt Ion:164 Resp: 1467

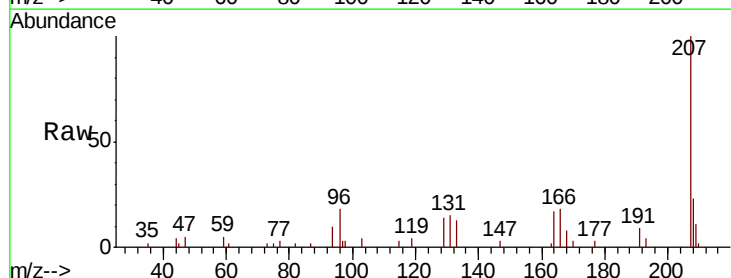
Ion Ratio Lower Upper

164 100

129 83.9 75.0 139.2

131 89.7 71.3 132.3

166 107.0 89.2 165.6



Abundance Ion 164.00 (163.70 to 164.70): VV008467.D (-2142) (-)

Ion 129.00 (128.70 to 129.70): VV008467.D (-2142) (-)

Ion 131.00 (130.70 to 131.70): VV008467.D (-2142) (-)

Ion 166.00 (165.70 to 166.70): VV008467.D (-2142) (-)

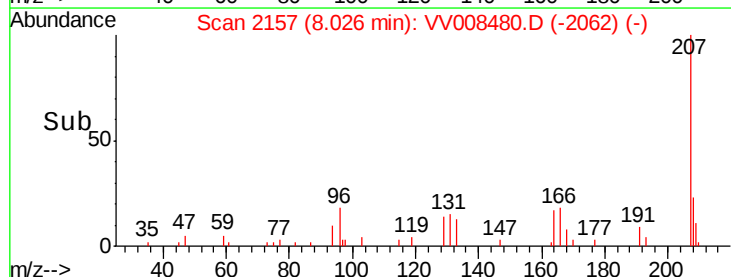
1500

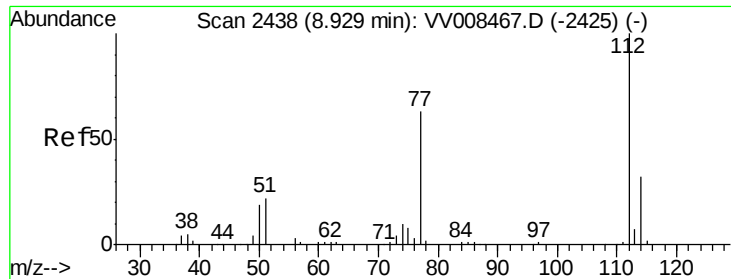
1000

500

0

Time-->





#51

Chlorobenzene

Concen: 49.609 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. -0.00 min

Lab File: VV008480.D

Acq: 30 Oct 2018 20:06

Instrument :

MSVOA_V

ClientSampleId :

ETBQ9MS

Tot Ion:112 Resp: 179429

Ion Ratio Lower Upper

112 100

114 32.2 22.5 41.7

77 64.4 52.0 78.0

