

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112018\
 Data File : VV008683.D
 Acq On : 20 Nov 2018 19:02
 Operator : SY/MD
 Sample : J5997-07
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YA5

Quant Time: Nov 21 16:21:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 21 01:28:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	280753	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	250469	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	97441	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83403	42.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.22%
7) Chloroethane-d5	1.57	69	59581	55.07	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.14%
11) 1,1-Dichloroethene-d2	2.13	63	115407	35.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.60%
21) 2-Butanone-d5	3.94	46	145711	90.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.26%
24) Chloroform-d	4.41	84	178468	44.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.98%
26) 1,2-Dichloroethane-d4	5.09	65	120062	46.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.58%
32) Benzene-d6	5.10	84	380272	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.62%
36) 1,2-Dichloropropane-d6	6.12	67	120950	49.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.32%
41) Toluene-d8	7.36	98	332026	47.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.96%
43) trans-1,3-Dichloropropene-	7.67	79	45728	41.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.96%
47) 2-Hexanone-d5	8.13	63	98014	89.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	143950	43.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.66%
64) 1,2-Dichlorobenzene-d4	11.68	152	107503	50.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.08%

Target Compounds

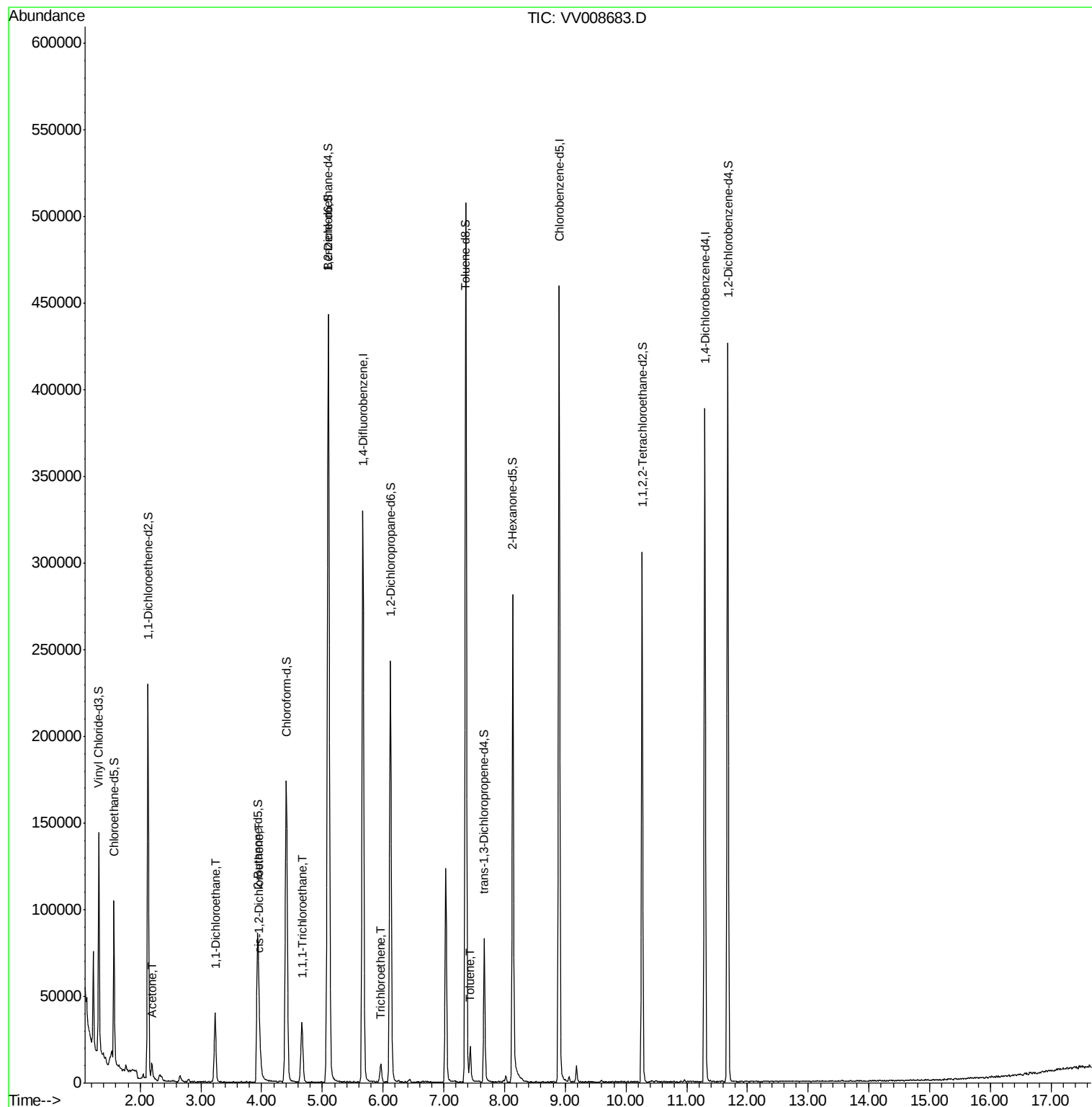
					Ovalue
13) Acetone	2.20	43	7224	4.522	ug/L 100
19) 1,1-Dichloroethane	3.23	63	41401	10.916	ug/L 99
20) cis-1,2-Dichloroethene	3.97	96	4160	1.840	ug/L 75
30) 1,1,1-Trichloroethane	4.66	97	27518	8.891	ug/L 96
34) Trichloroethene	5.96	95	3398	1.592	ug/L 93
42) Toluene	7.43	91	13660	1.631	ug/L 94

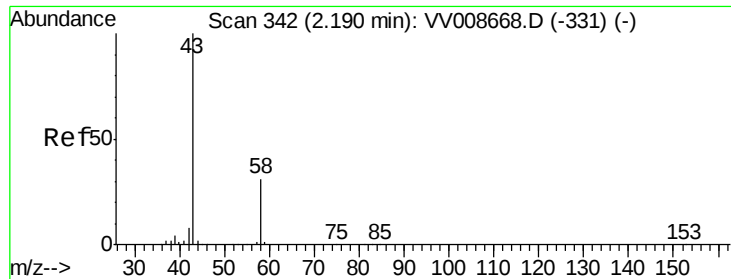
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.522 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV008683.D

Acq: 20 Nov 2018 19:02

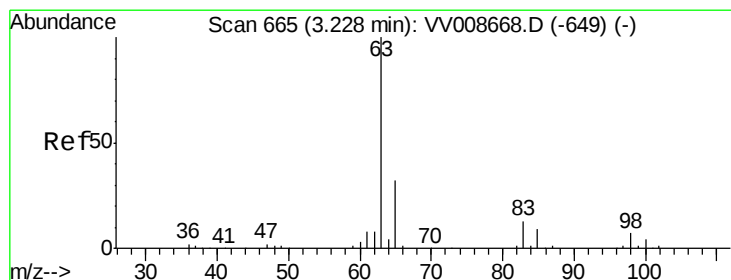
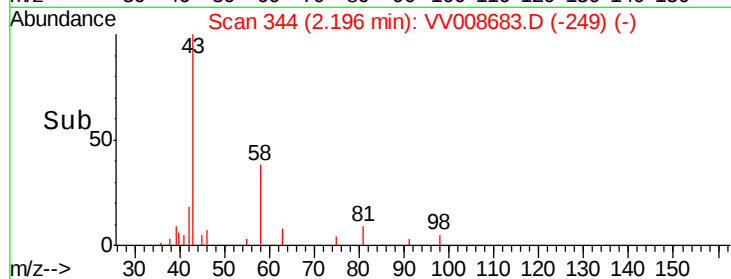
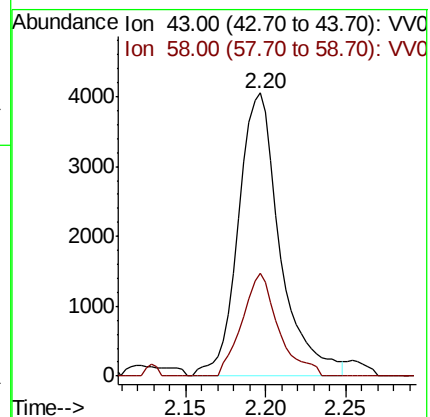
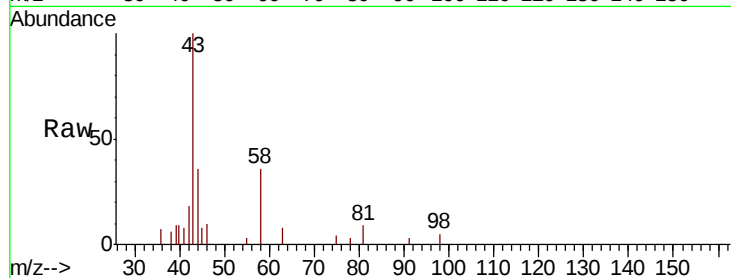
Instrument :
MSVOA_V
ClientSampleId :
E3YA5

Tot Ion: 43 Resp: 7224

Ion Ratio Lower Upper

43 100

58 31.5 0.0 62.8



#19

1,1-Dichloroethane

Concen: 10.916 ug/L

RT: 3.23 min Scan# 667

Delta R.T. 0.00 min

Lab File: VV008683.D

Acq: 20 Nov 2018 19:02

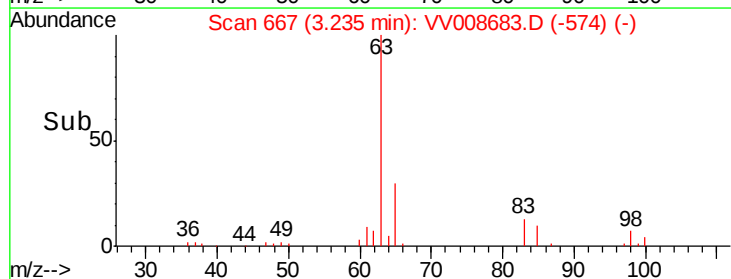
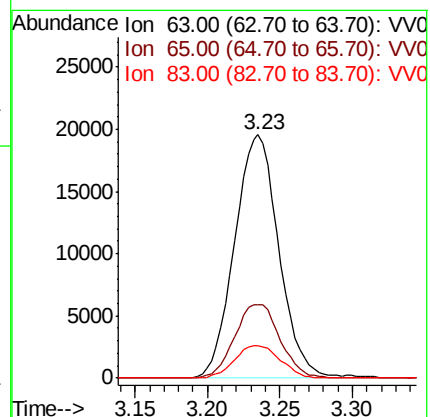
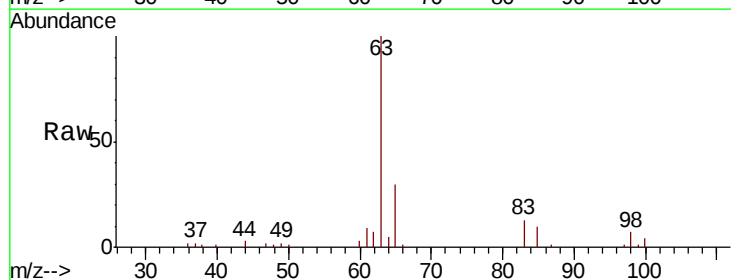
Tgt Ion: 63 Resp: 41401

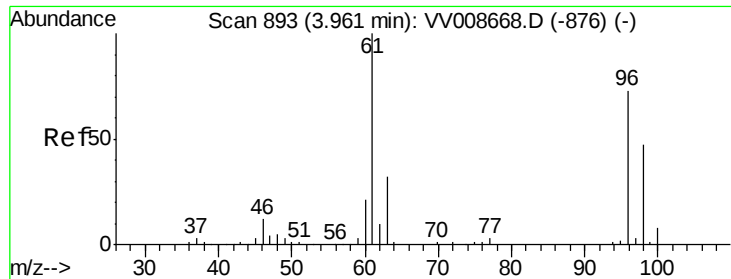
Ion Ratio Lower Upper

63 100

65 30.3 20.9 38.9

83 13.3 9.9 18.5

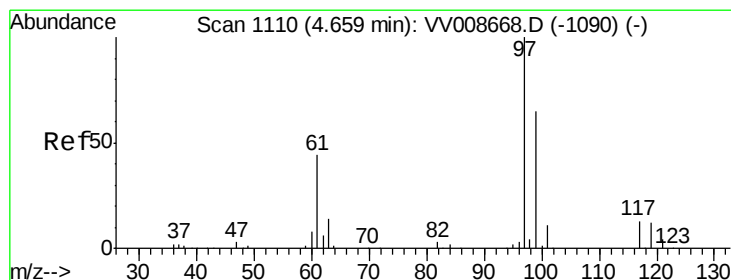
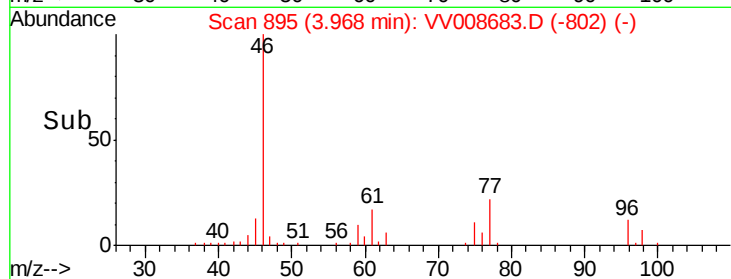
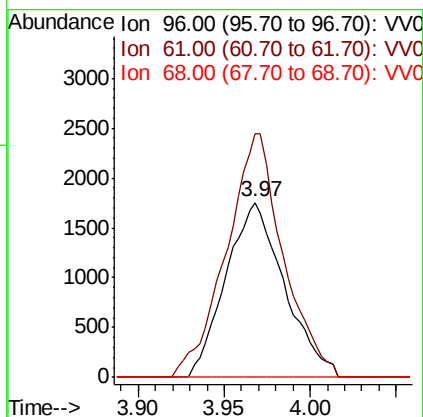
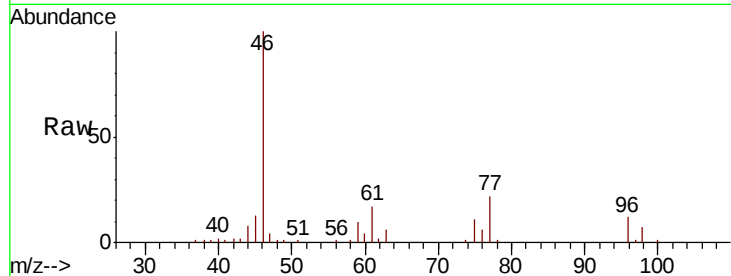




#20
 cis-1,2-Dichloroethene
 Concen: 1.840 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: VV008683.D
 Acq: 20 Nov 2018 19:02

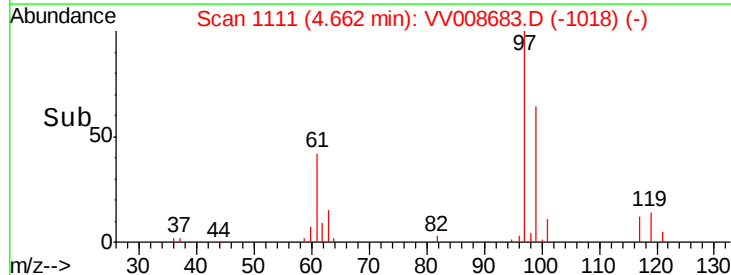
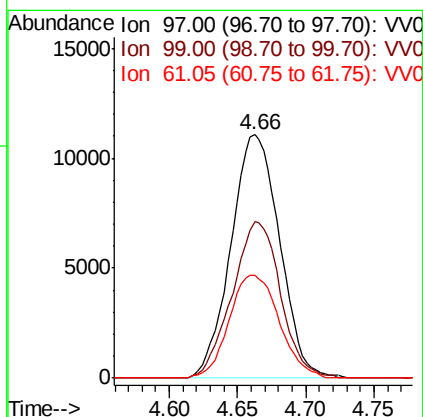
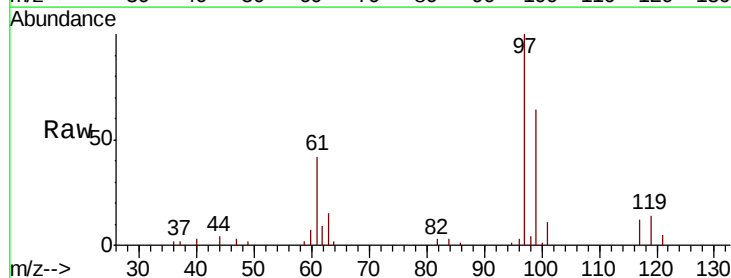
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 MSVOA_V
 ClientSampleId :
 E3YA5

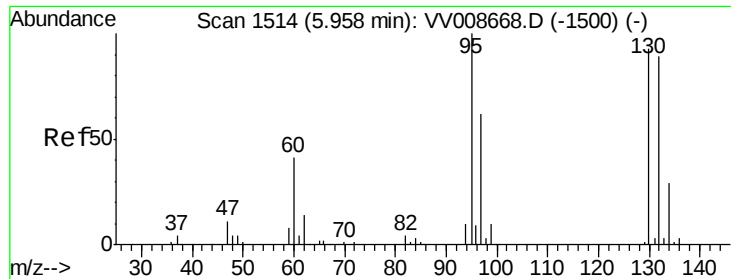
Tot Ion: 96 Resp: 4160
 Ion Ratio Lower Upper
 96 100
 61 139.5 78.8 146.3
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 8.891 ug/L
 RT: 4.66 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: VV008683.D
 Acq: 20 Nov 2018 19:02

Tgt Ion: 97 Resp: 27518
 Ion Ratio Lower Upper
 97 100
 99 63.8 53.0 79.6
 61 43.4 37.4 56.2

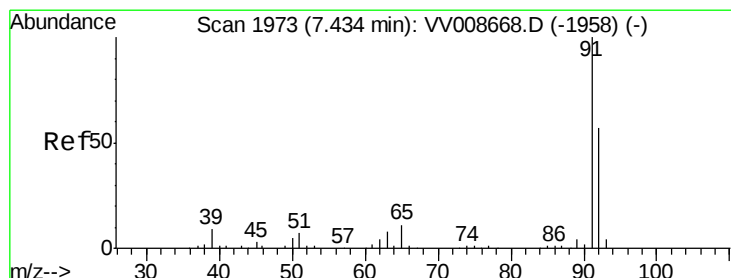
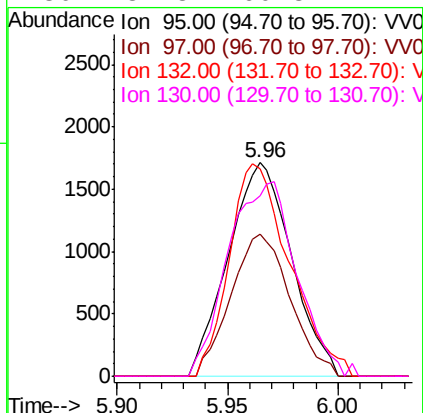
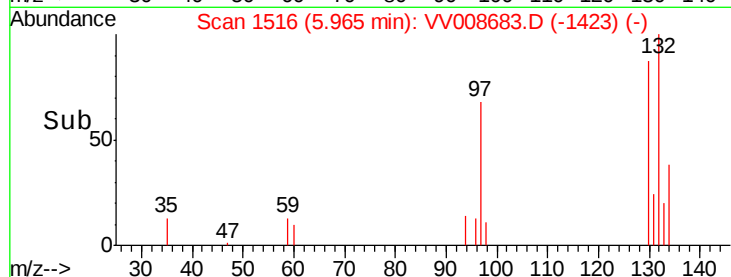
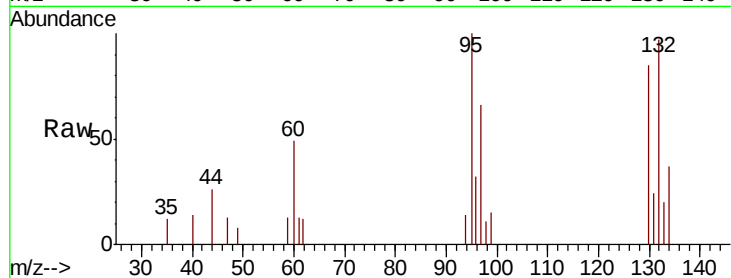




#34
 Trichloroethene
 Concen: 1.592 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV008683.D
 Acq: 20 Nov 2018 19:02

Instrument :
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 E3YA5

Tot Ion: 95 Resp: 3398
 Ion Ratio Lower Upper
 95 100
 97 66.4 43.8 81.3
 132 97.0 58.3 108.3
 130 84.8 60.3 112.1



#42
 Toluene
 Concen: 1.631 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VV008683.D
 Acq: 20 Nov 2018 19:02

Tgt Ion: 91 Resp: 13660
 Ion Ratio Lower Upper
 91 100
 92 54.5 41.6 77.2

