

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090418\
 Data File : VV007347.D
 Acq On : 04 Sep 2018 23:41
 Operator : SY/MD
 Sample : J4695-02
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEE43

Quant Time: Sep 05 01:39:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 05 01:26:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	498621	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	469601	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	187095	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	166197	46.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.34%
7) Chloroethane-d5	1.57	69	130633	55.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.98%
11) 1,1-Dichloroethene-d2	2.13	63	227418	36.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.50%
21) 2-Butanone-d5	3.96	46	289381	99.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.89%
24) Chloroform-d	4.41	84	351126	47.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.32%
26) 1,2-Dichloroethane-d4	5.09	65	221971	49.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.88%
32) Benzene-d6	5.11	84	710166	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.36%
36) 1,2-Dichloropropane-d6	6.12	67	238104	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.40%
41) Toluene-d8	7.37	98	550933	45.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.44%
43) trans-1,3-Dichloropropene-	7.67	79	92830	45.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.90%
47) 2-Hexanone-d5	8.14	63	190015	102.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.20%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	315198	48.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.30%
64) 1,2-Dichlorobenzene-d4	11.68	152	215387	53.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.12%

Target Compounds

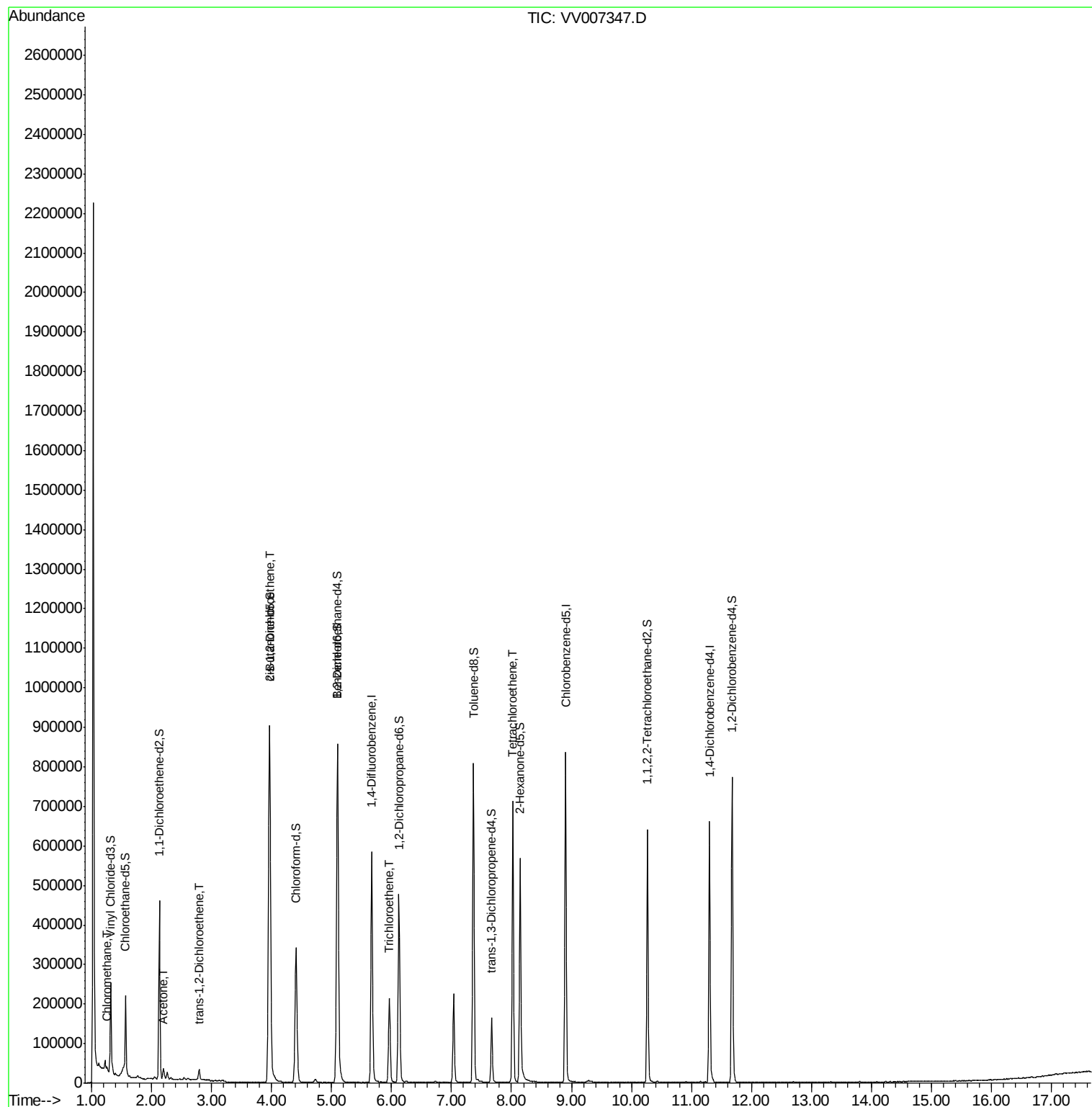
						Ovalue
3) Chloromethane	1.26	50	9810	2.34	ug/L	93
13) Acetone	2.20	43	23453	13.59	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	10677	3.10	ug/L	94
20) cis-1,2-Dichloroethene	3.97	96	429593	108.52	ug/L	99
34) Trichloroethene	5.96	95	72641	19.81	ug/L	98
46) Tetrachloroethene	8.02	164	166748	56.55	ug/L	98

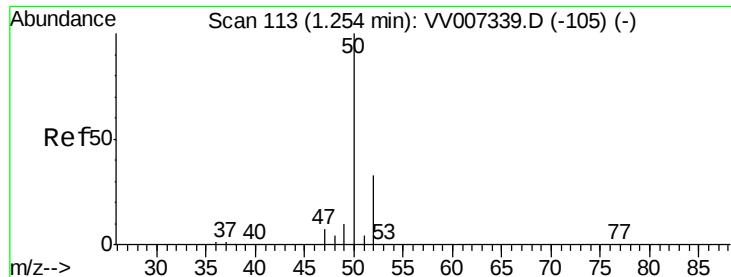
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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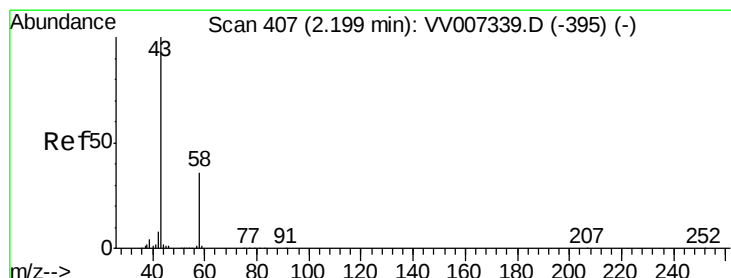
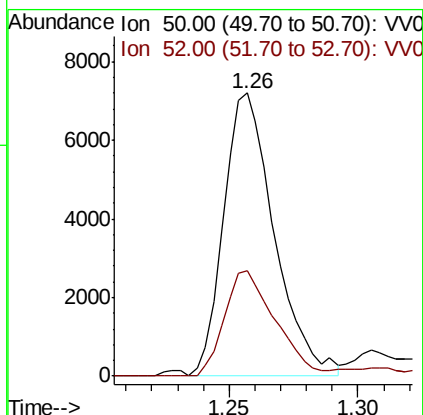
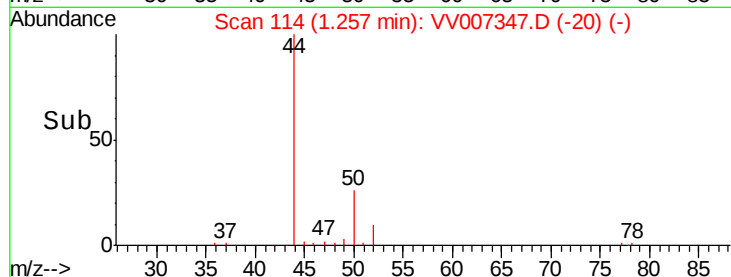
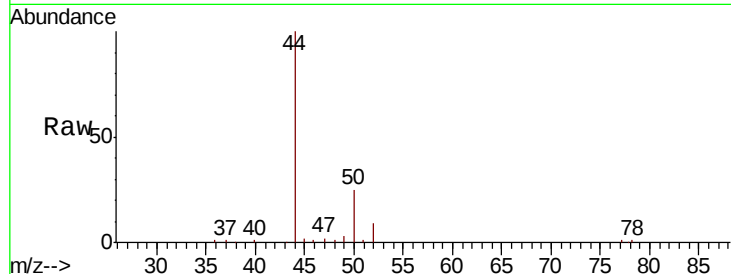




#3
Chloromethane
Concen: 2.34 ug/L
RT: 1.26 min Scan# 114
Delta R.T. 0.00 min
Lab File: VV007347.D
Acq: 04 Sep 2018 23:41

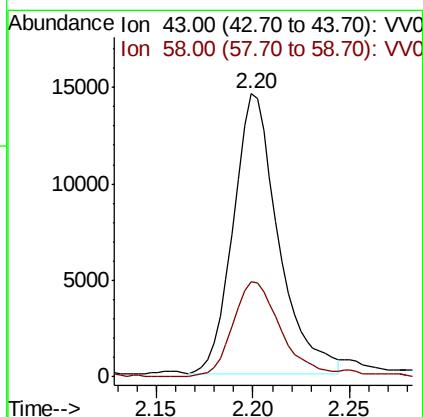
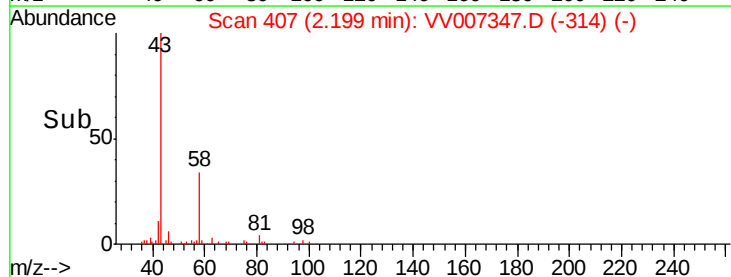
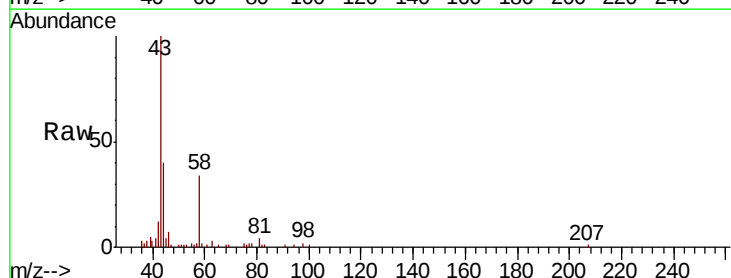
Instrument :
MSVOA_V
ClientSampleId :
BEE43

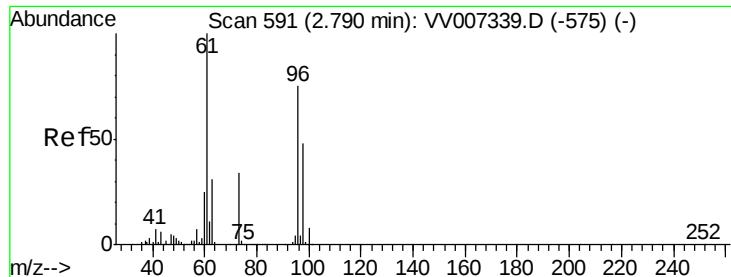
Tot Ion: 50 Resp: 9810
Ion Ratio Lower Upper
50 100
52 37.2 23.2 43.2



#13
Acetone
Concen: 13.59 ug/L
RT: 2.20 min Scan# 407
Delta R.T. 0.00 min
Lab File: VV007347.D
Acq: 04 Sep 2018 23:41

Tgt Ion: 43 Resp: 23453
Ion Ratio Lower Upper
43 100
58 36.5 0.0 71.2





#17

trans-1,2-Dichloroethene

Concen: 3.10 ug/L

RT: 2.79 min Scan# 592

Delta R.T. 0.00 min

Lab File: VV007347.D

Acq: 04 Sep 2018 23:41

Instrument :

MSVOA_V

ClientSampleId :

BEE43

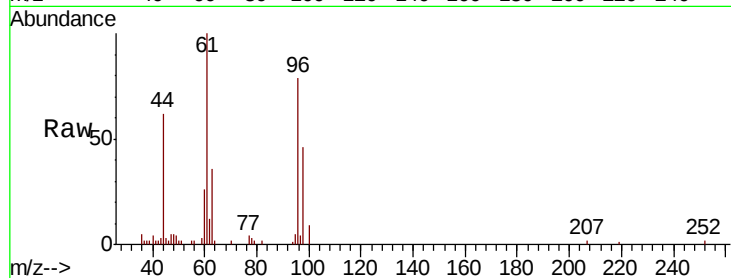
Tot Ion: 96 Resp: 10677

Ion Ratio Lower Upper

96 100

61 127.1 93.1 172.9

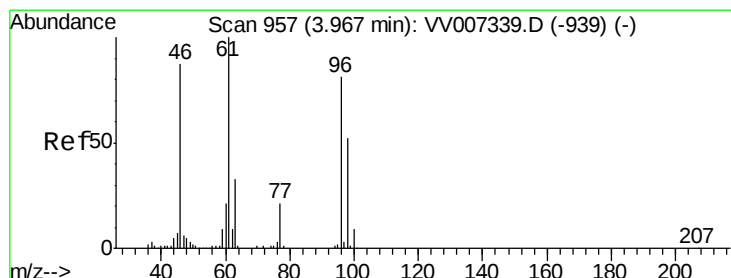
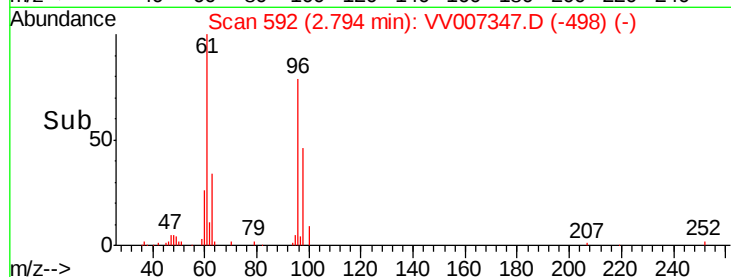
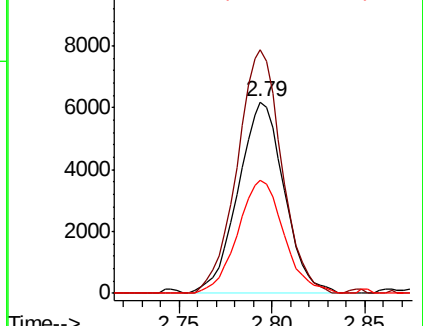
98 58.9 44.9 83.5



Abundance Ion 96.00 (95.70 to 96.70): VV007339.D (-575) (-)

Ion 61.00 (60.70 to 61.70): VV007339.D (-575) (-)

Ion 98.00 (97.70 to 98.70): VV007339.D (-575) (-)



#20

cis-1,2-Dichloroethene

Concen: 108.52 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV007347.D

Acq: 04 Sep 2018 23:41

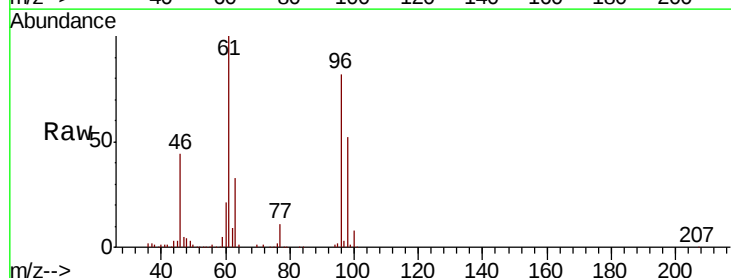
Tgt Ion: 96 Resp: 429593

Ion Ratio Lower Upper

96 100

61 122.4 86.8 161.2

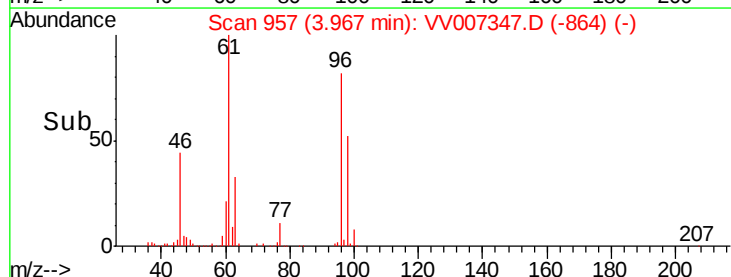
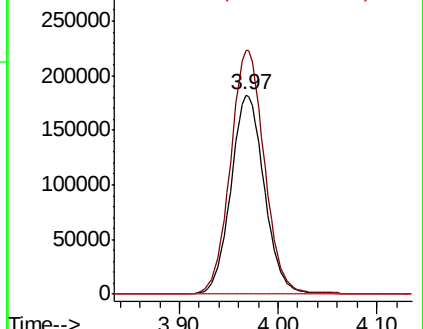
68 0.0 0.0 0.0

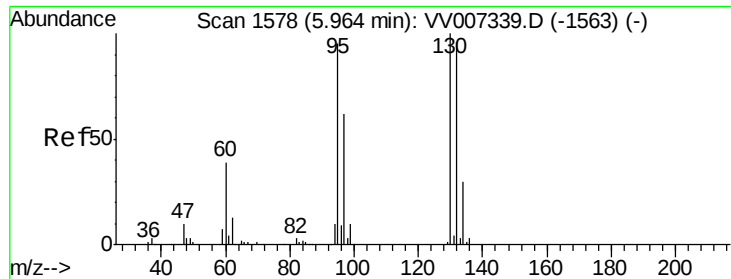


Abundance Ion 96.00 (95.70 to 96.70): VV007339.D (-939) (-)

Ion 61.00 (60.70 to 61.70): VV007339.D (-939) (-)

Ion 68.00 (67.70 to 68.70): VV007339.D (-939) (-)

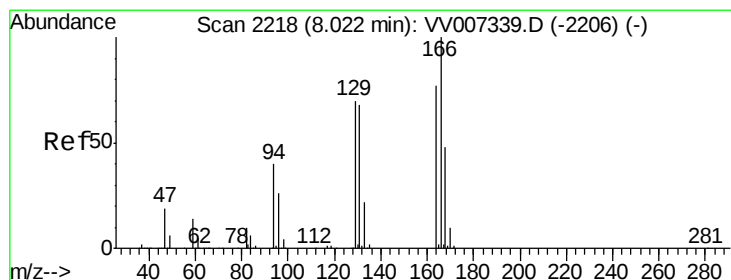
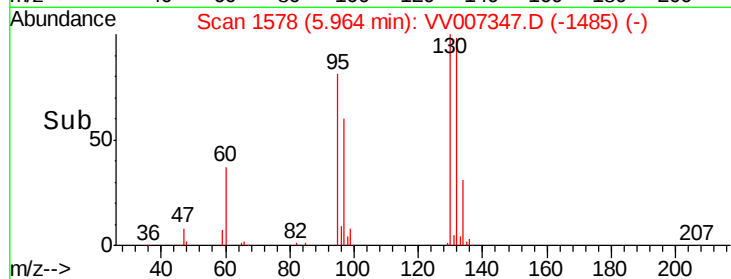
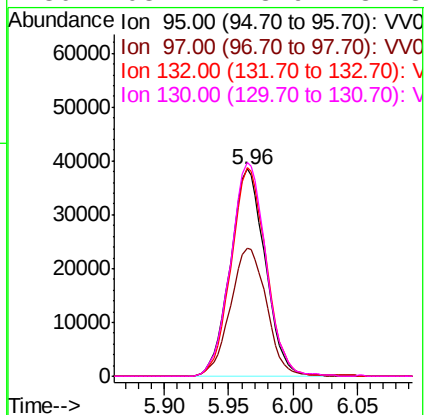
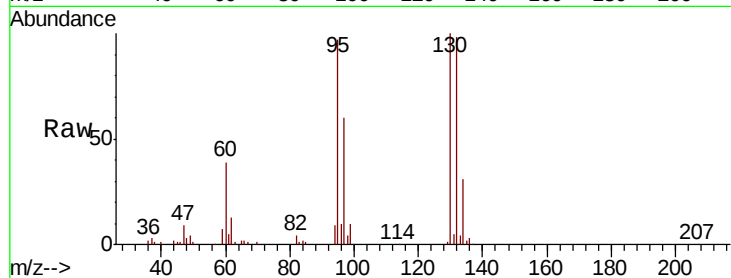




#34
 Trichloroethene
 Concen: 19.81 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VV007347.D
 Acq: 04 Sep 2018 23:41

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Tot Ion:	95	Resp:	72641
Ion	Ratio	Lower	Upper
95	100		
97	62.1	46.1	85.7
132	100.7	70.8	131.6
130	103.2	73.9	137.3



#46
 Tetrachloroethene
 Concen: 56.55 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VV007347.D
 Acq: 04 Sep 2018 23:41

Tgt Ion:	164	Resp:	166748
Ion	Ratio	Lower	Upper
164	100		
129	91.4	63.9	118.7
131	86.9	62.6	116.2
166	127.3	91.6	170.2

