

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090418\
 Data File : VV007358.D
 Acq On : 05 Sep 2018 04:13
 Operator : SY/MD
 Sample : J4695-15
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGA9

Quant Time: Sep 05 05:04:44 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	517871	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	493306	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	192628	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	164971	44.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.20%
7) Chloroethane-d5	1.57	69	106242	43.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.68%
11) 1,1-Dichloroethene-d2	2.13	63	232182	35.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.26%
21) 2-Butanone-d5	3.96	46	254749	84.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.67%
24) Chloroform-d	4.41	84	350984	45.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.74%
26) 1,2-Dichloroethane-d4	5.09	65	221033	47.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.76%
32) Benzene-d6	5.10	84	706812	47.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.08%
36) 1,2-Dichloropropane-d6	6.12	67	238151	47.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.60%
41) Toluene-d8	7.37	98	572814	44.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.52%
43) trans-1,3-Dichloropropene-	7.67	79	90263	42.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.06%
47) 2-Hexanone-d5	8.14	63	163664	83.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.79%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	307213	45.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.28%
64) 1,2-Dichlorobenzene-d4	11.68	152	215283	52.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

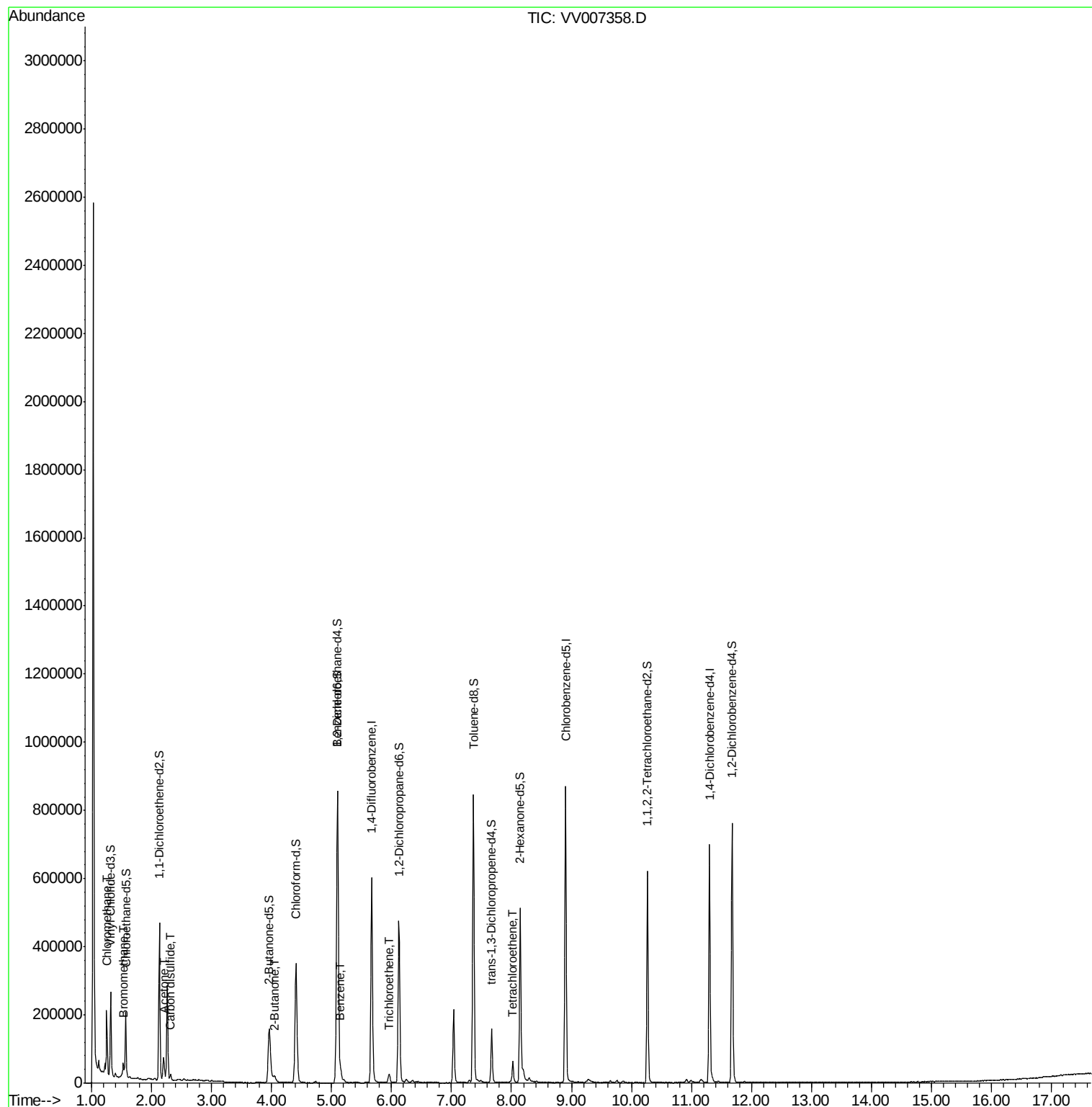
						Ovalue
3) Chloromethane	1.25	50	132667	30.43	ug/L	99
6) Bromomethane	1.53	94	11498	5.40	ug/L	96
13) Acetone	2.20	43	69788	38.95	ug/L	96
14) Carbon disulfide	2.32	76	19573	2.11	ug/L #	91
22) 2-Butanone	4.05	43	23893	7.96	ug/L	76
33) Benzene	5.15	78	31448	1.99	ug/L	100
34) Trichloroethene	5.97	95	6382	1.66	ug/L	99
46) Tetrachloroethene	8.02	164	14622	4.72	ug/L	94

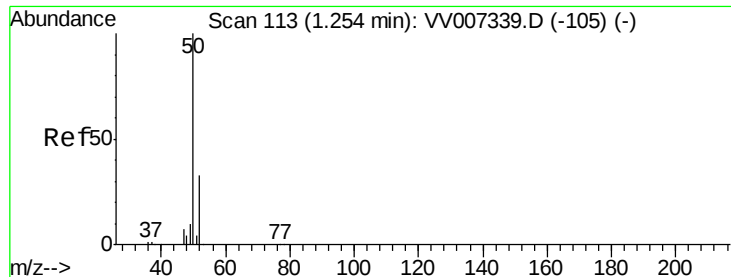
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 30.43 ug/L

RT: 1.25 min Scan# 113

Delta R.T. 0.00 min

Lab File: VV007358.D

Acq: 05 Sep 2018 04:13

Instrument :

MSVOA_V

ClientSampleId :

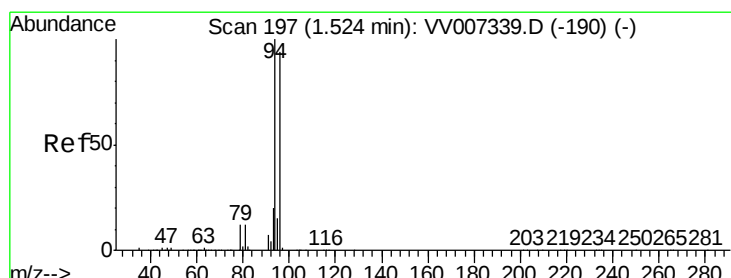
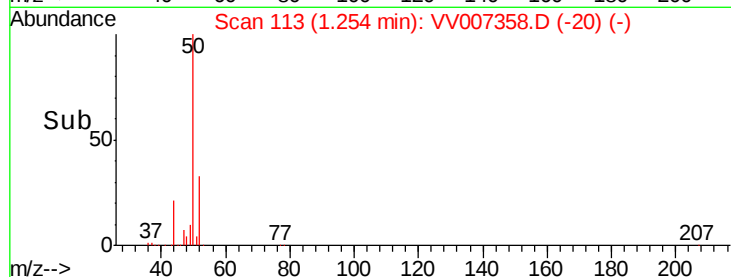
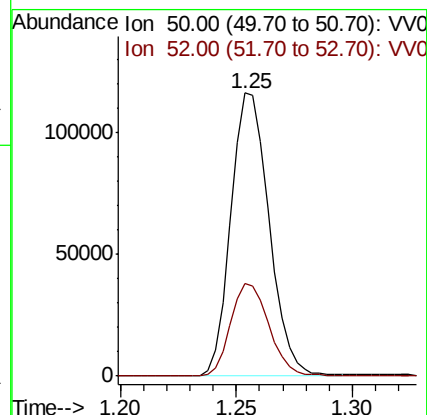
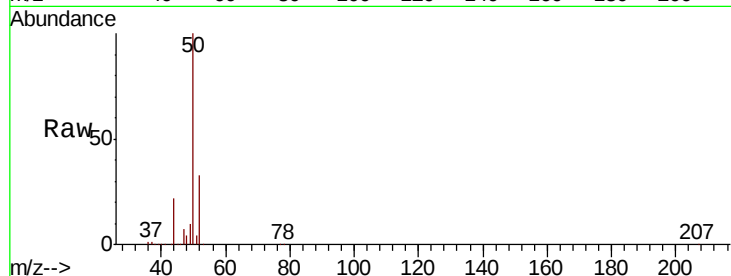
BEGA9

Tot Ion: 50 Resp: 132667

Ion Ratio Lower Upper

50 100

52 32.6 23.2 43.2



#6

Bromomethane

Concen: 5.40 ug/L

RT: 1.53 min Scan# 199

Delta R.T. 0.01 min

Lab File: VV007358.D

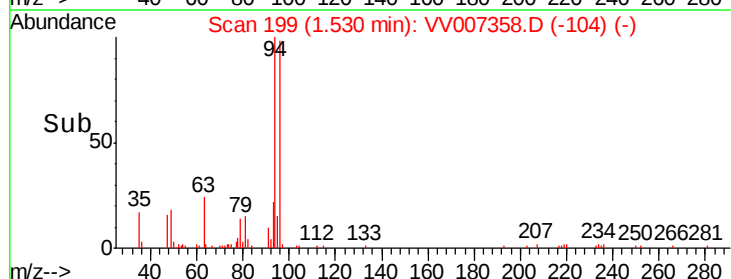
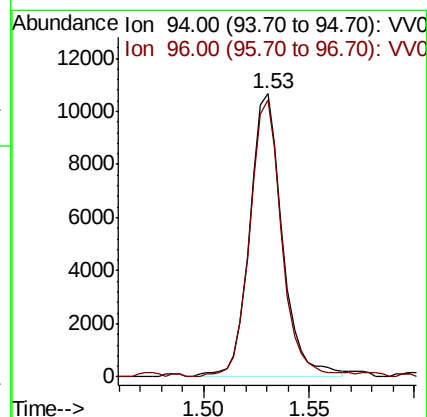
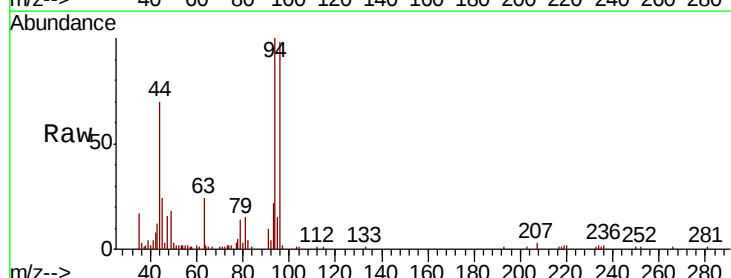
Acq: 05 Sep 2018 04:13

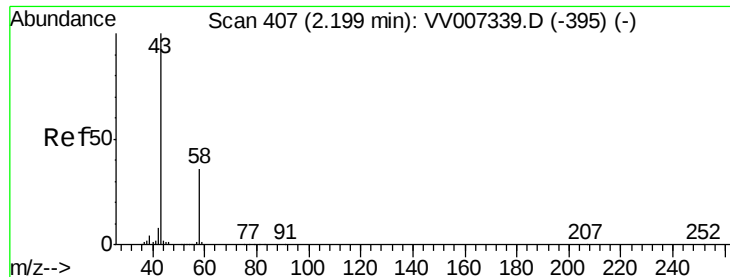
Tgt Ion: 94 Resp: 11498

Ion Ratio Lower Upper

94 100

96 97.7 65.9 122.5





#13

Acetone

Concen: 38.95 ug/L

RT: 2.20 min Scan# 408

Delta R.T. 0.00 min

Lab File: VV007358.D

Acq: 05 Sep 2018 04:13

Instrument :

MSVOA_V

ClientSampleId :

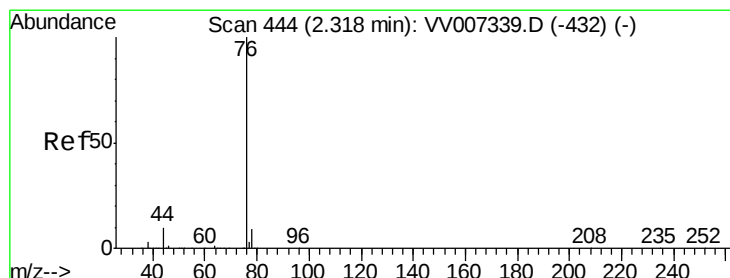
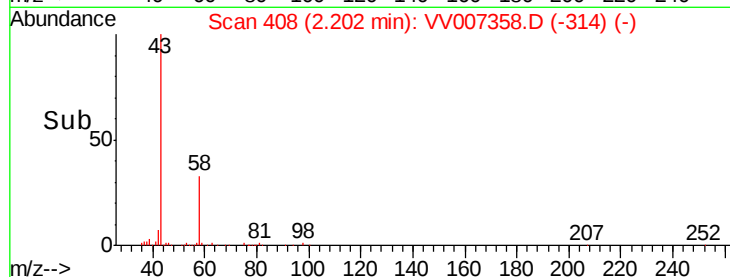
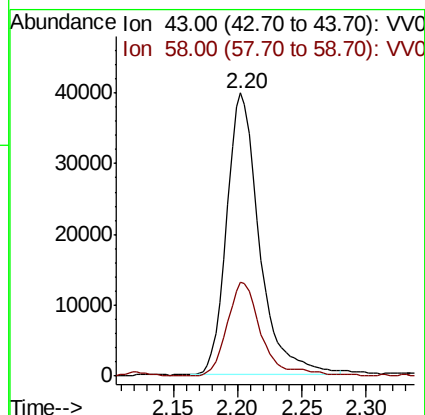
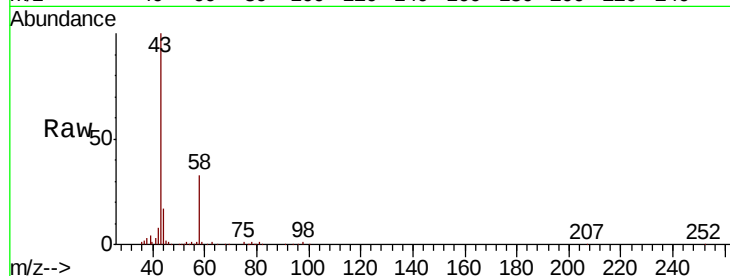
BEGA9

Tot Ion: 43 Resp: 69788

Ion Ratio Lower Upper

43 100

58 33.5 0.0 71.2



#14

Carbon disulfide

Concen: 2.11 ug/L

RT: 2.32 min Scan# 444

Delta R.T. 0.00 min

Lab File: VV007358.D

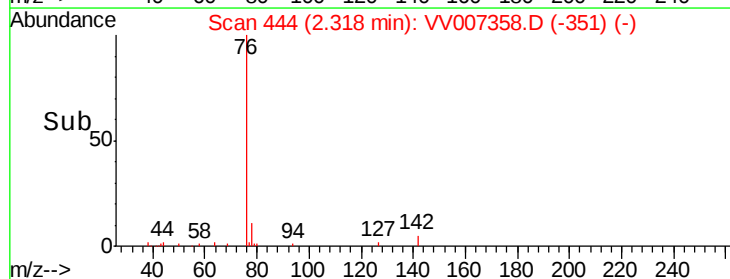
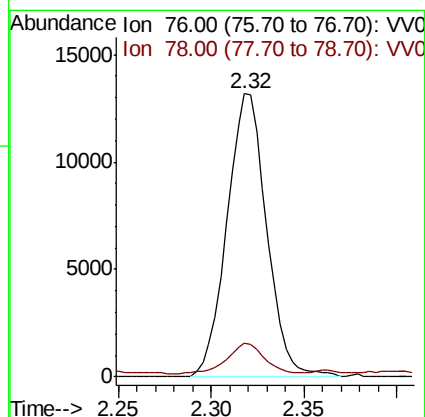
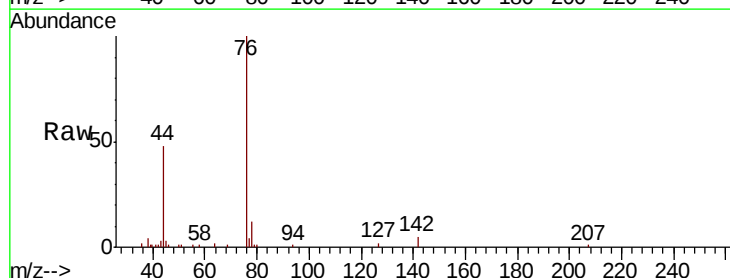
Acq: 05 Sep 2018 04:13

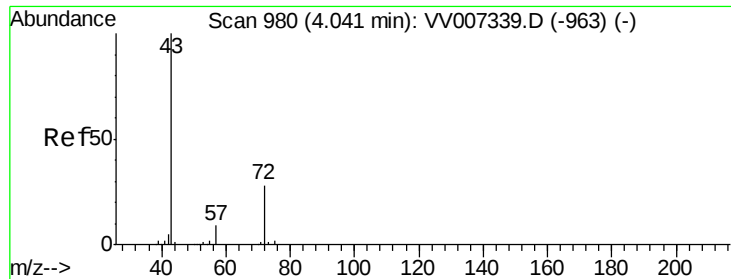
Tgt Ion: 76 Resp: 19573

Ion Ratio Lower Upper

76 100

78 12.0 7.1 10.7#





#22

2-Butanone

Concen: 7.96 ug/L

RT: 4.05 min Scan# 982

Delta R.T. 0.01 min

Lab File: VV007358.D

Acq: 05 Sep 2018 04:13

Instrument :

MSVOA_V

ClientSampled :

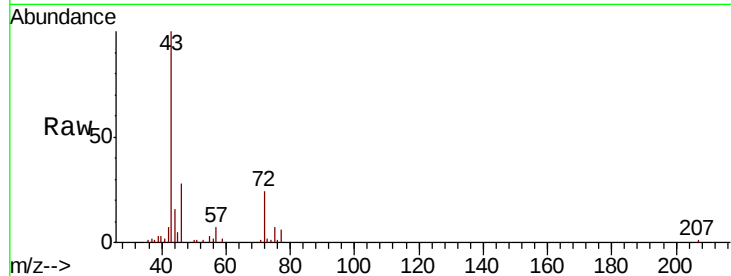
BEGA9

Tot Ion: 43 Resp: 23893

Ion Ratio Lower Upper

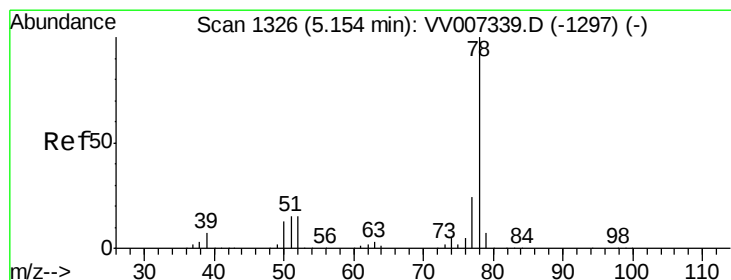
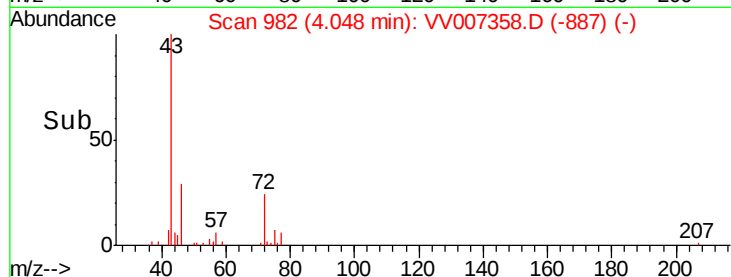
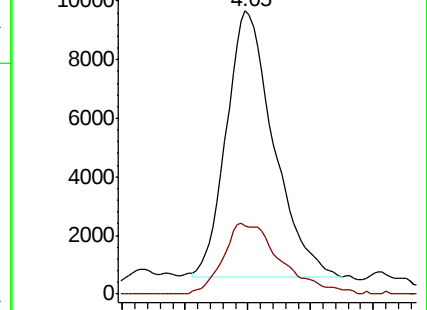
43 100

72 14.9 13.8 41.3



Abundance Ion 43.00 (42.70 to 43.70): VV007339.D (-963) (-)

Ion 72.00 (71.70 to 72.70): VV007339.D (-963) (-)



#33

Benzene

Concen: 1.99 ug/L

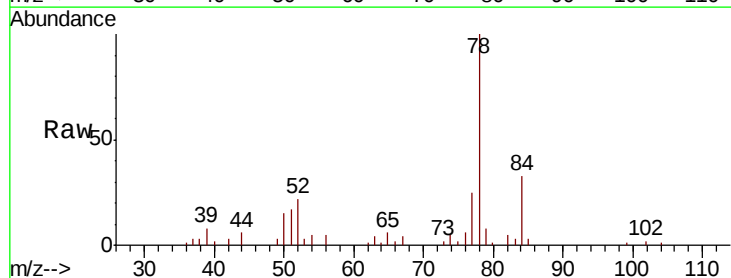
RT: 5.15 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VV007358.D

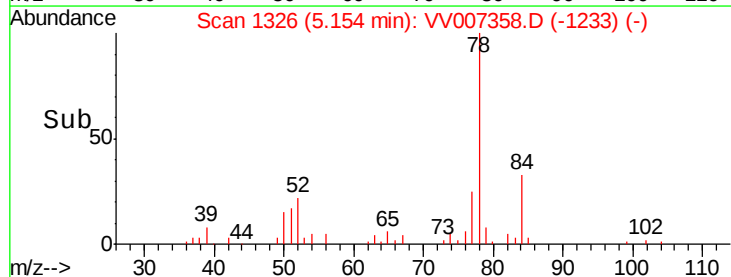
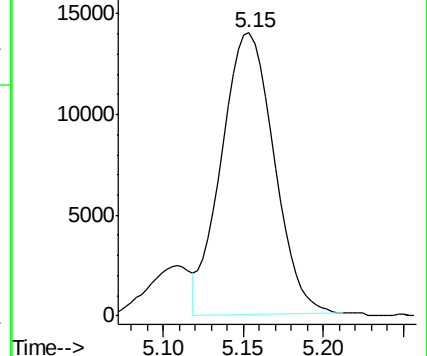
Acq: 05 Sep 2018 04:13

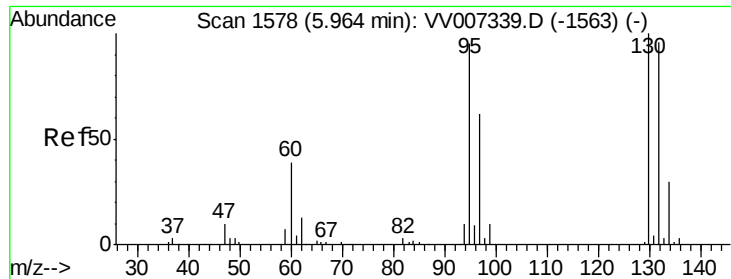
Tgt Ion: 78 Resp: 31448



Abundance Ion 78.00 (77.70 to 78.70): VV007339.D (-1297) (-)

Ion 84.00 (83.70 to 84.70): VV007339.D (-1297) (-)

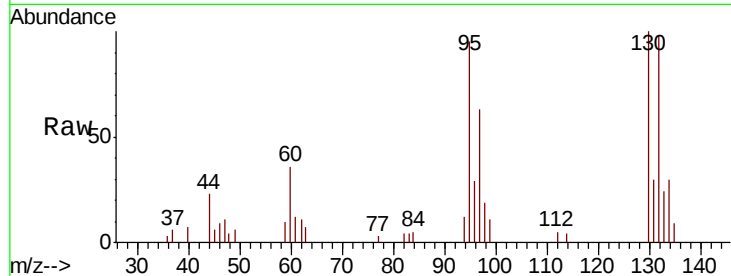




#34
 Trichloroethene
 Concen: 1.66 ug/L
 RT: 5.97 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: VV007358.D
 Acq: 05 Sep 2018 04:13

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGA9

Tot Ion:	95	Resp:	6382
Ion	Ratio	Lower	Upper
95	100		
97	66.7	46.1	85.7
132	103.4	70.8	131.6
130	105.3	73.9	137.3



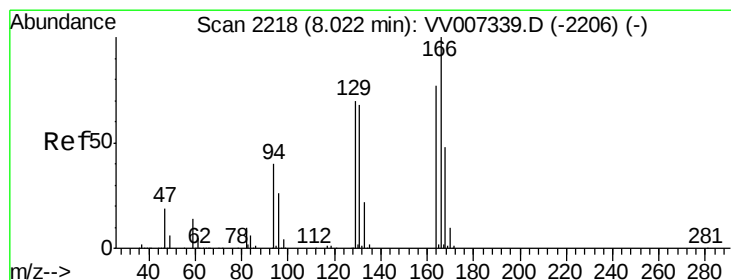
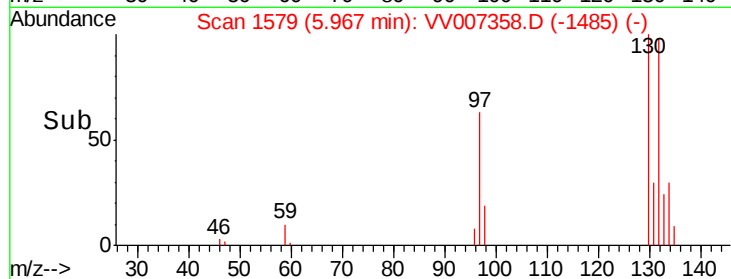
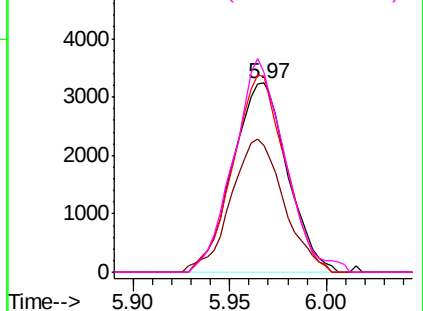
Abundance

Ion 95.00 (94.70 to 95.70): VV007339.D (-1563) (-)

Ion 97.00 (96.70 to 97.70): VV007339.D (-1563) (-)

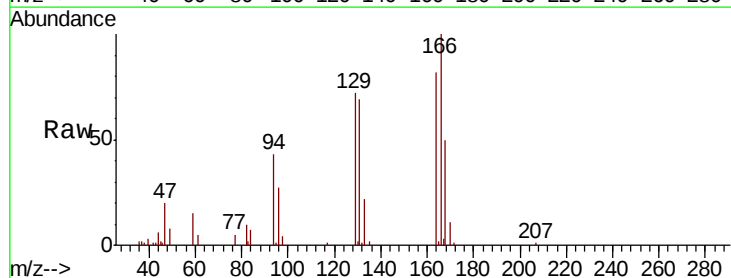
Ion 132.00 (131.70 to 132.70): VV007339.D (-1563) (-)

Ion 130.00 (129.70 to 130.70): VV007339.D (-1563) (-)



#46
 Tetrachloroethene
 Concen: 4.72 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VV007358.D
 Acq: 05 Sep 2018 04:13

Tgt Ion:	164	Resp:	14622
Ion	Ratio	Lower	Upper
164	100		
129	88.1	63.9	118.7
131	83.7	62.6	116.2
166	121.8	91.6	170.2



Abundance

Ion 164.00 (163.70 to 164.70): VV007339.D (-2206) (-)

Ion 129.00 (128.70 to 129.70): VV007339.D (-2206) (-)

Ion 131.00 (130.70 to 131.70): VV007339.D (-2206) (-)

Ion 166.00 (165.70 to 166.70): VV007339.D (-2206) (-)

