

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090418\
 Data File : VV007359.D
 Acq On : 05 Sep 2018 04:38
 Operator : SY/MD
 Sample : J4695-16
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGB0

Quant Time: Sep 05 05:06:42 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	525521	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	501011	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	193801	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	164906	43.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.86%
7) Chloroethane-d5	1.58	69	115534	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.98%
11) 1,1-Dichloroethene-d2	2.13	63	234321	35.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.88%
21) 2-Butanone-d5	3.96	46	252599	82.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.73%
24) Chloroform-d	4.41	84	353078	45.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.94%
26) 1,2-Dichloroethane-d4	5.09	65	220018	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.94%
32) Benzene-d6	5.11	84	706825	46.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.62%
36) 1,2-Dichloropropane-d6	6.12	67	238395	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.22%
41) Toluene-d8	7.37	98	576987	44.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.78%
43) trans-1,3-Dichloropropene-	7.67	79	90143	41.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.64%
47) 2-Hexanone-d5	8.14	63	158650	79.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.98%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	303917	43.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.94%
64) 1,2-Dichlorobenzene-d4	11.68	152	214271	51.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.88%

Target Compounds

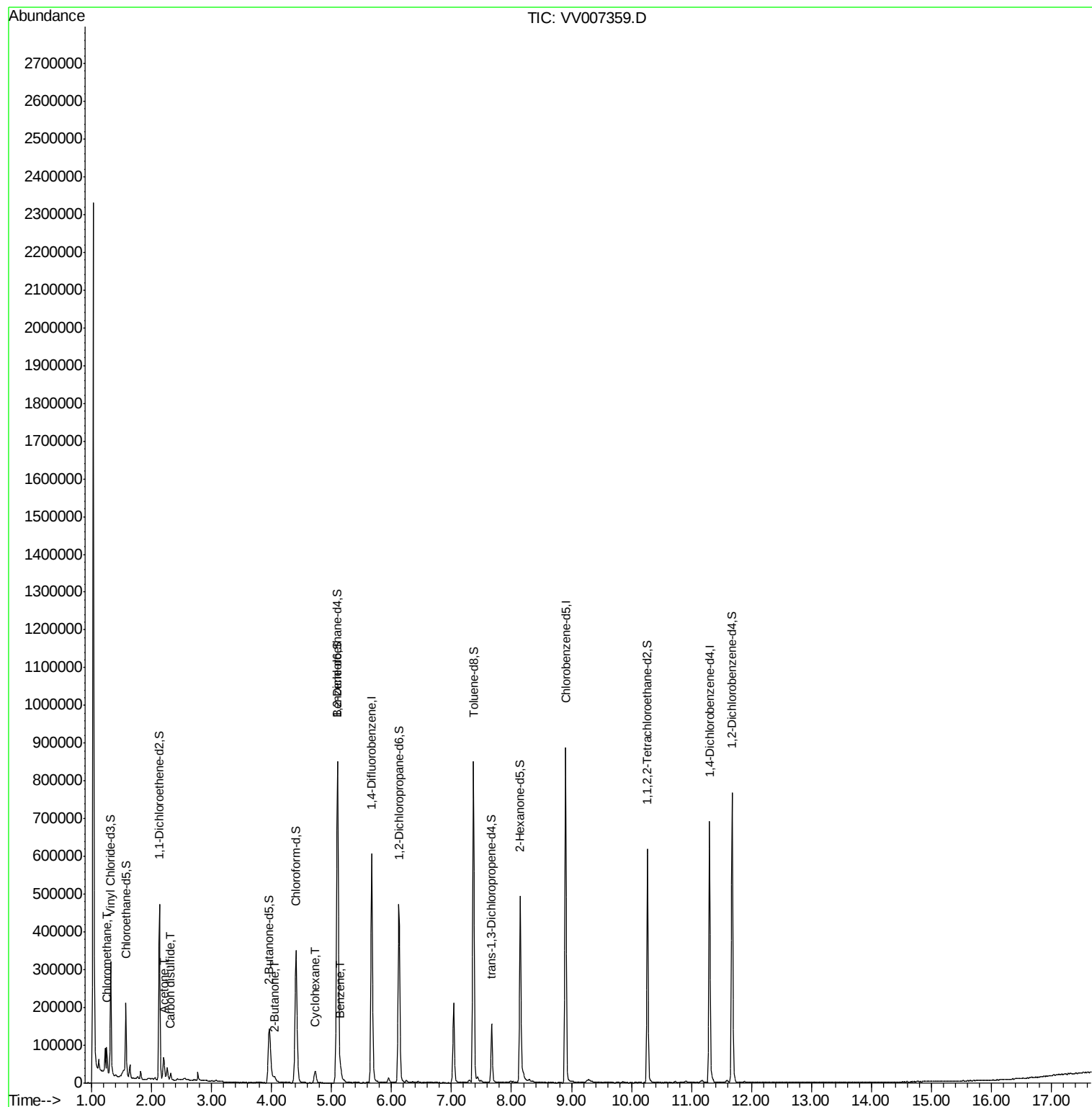
					Ovalue
3) Chloromethane	1.26	50	47428	10.72	ug/L 99
13) Acetone	2.21	43	65460	36.00	ug/L 95
14) Carbon disulfide	2.32	76	20717	2.20	ug/L 97
22) 2-Butanone	4.05	43	19569	6.43	ug/L 98
29) Cyclohexane	4.73	56	14597	2.63	ug/L 98
33) Benzene	5.15	78	30951	1.93	ug/L 100

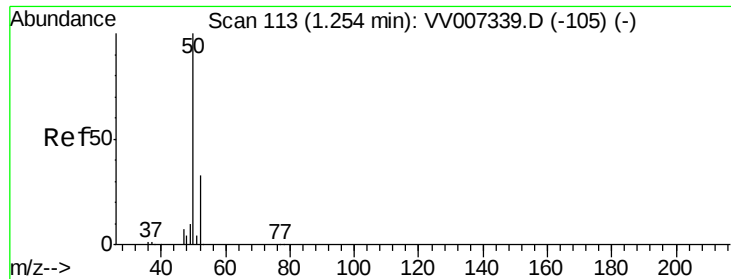
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 10.72 ug/L

RT: 1.26 min Scan# 114

Delta R.T. 0.00 min

Lab File: VV007359.D

Acq: 05 Sep 2018 04:38

Instrument :

MSVOA_V

ClientSampleId :

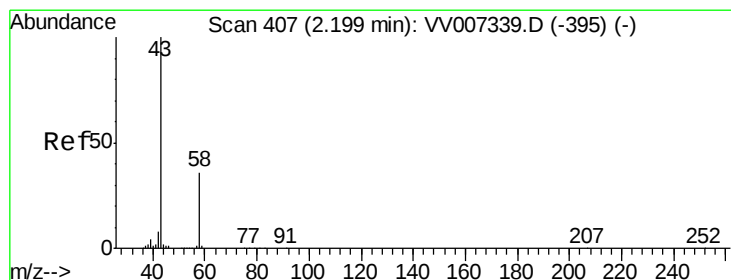
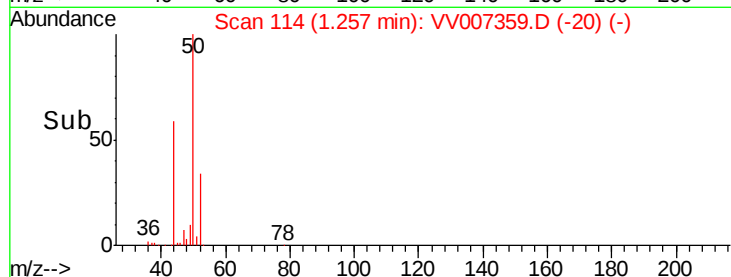
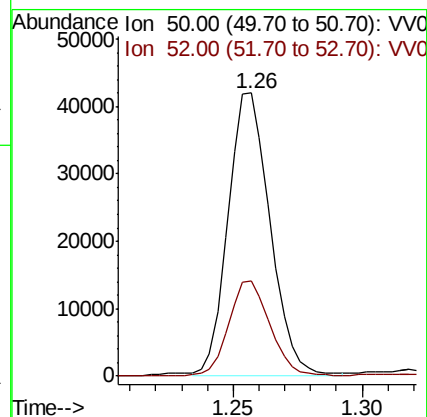
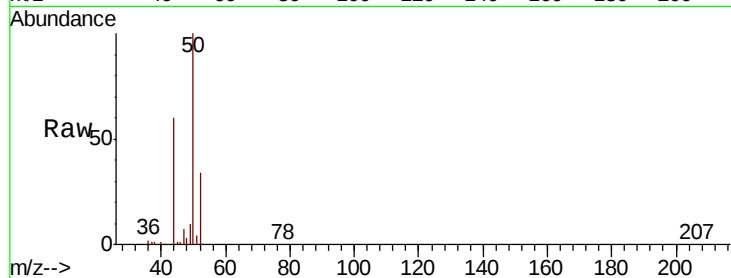
BEGBO

Tot Ion: 50 Resp: 47428

Ion Ratio Lower Upper

50 100

52 33.8 23.2 43.2



#13

Acetone

Concen: 36.00 ug/L

RT: 2.21 min Scan# 409

Delta R.T. 0.01 min

Lab File: VV007359.D

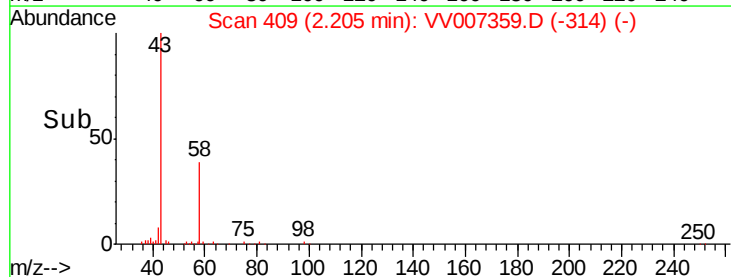
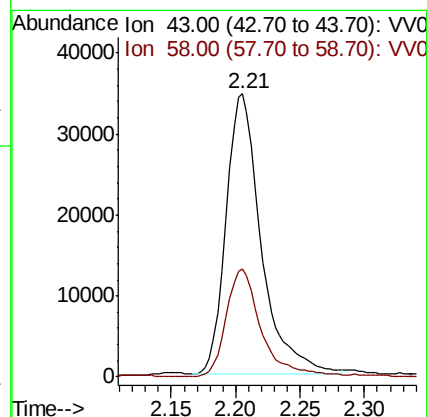
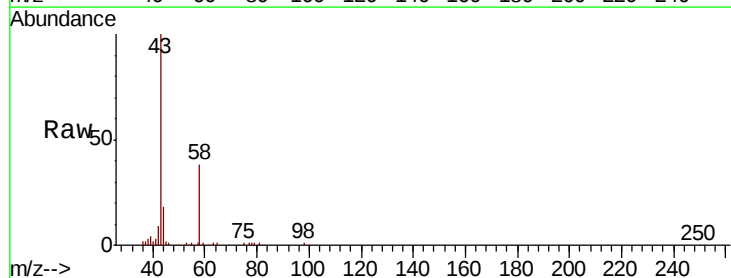
Acq: 05 Sep 2018 04:38

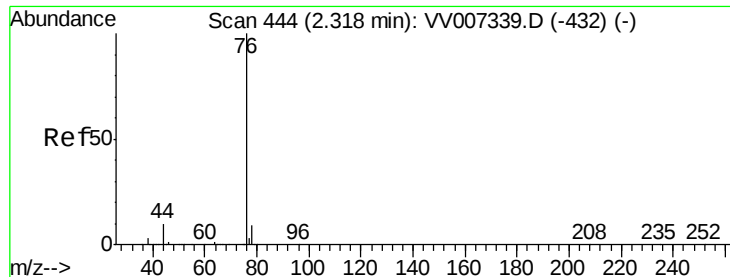
Tgt Ion: 43 Resp: 65460

Ion Ratio Lower Upper

43 100

58 38.5 0.0 71.2





#14

Carbon disulfide

Concen: 2.20 ug/L

RT: 2.32 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV007359.D

Acq: 05 Sep 2018 04:38

Instrument :

MSVOA_V

ClientSampleId :

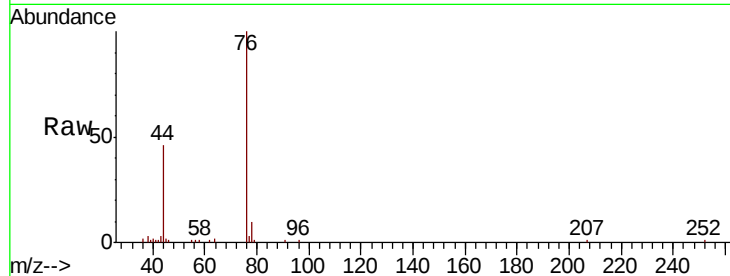
BEGB0

Tot Ion: 76 Resp: 20717

Ion Ratio Lower Upper

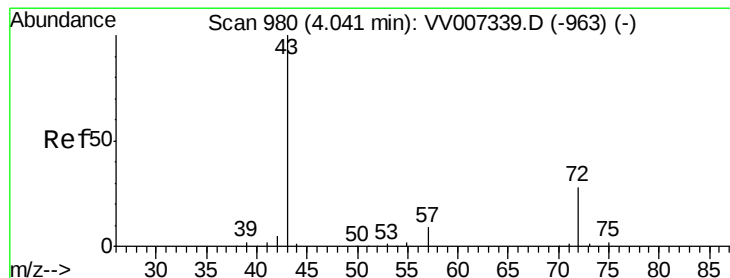
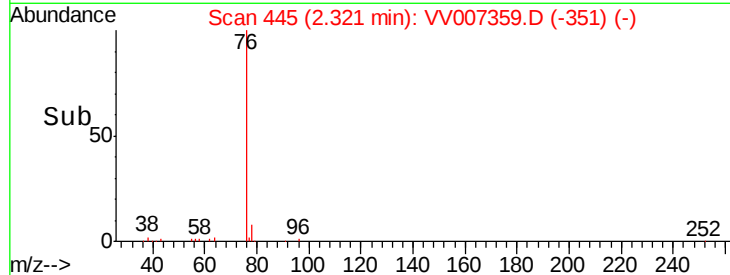
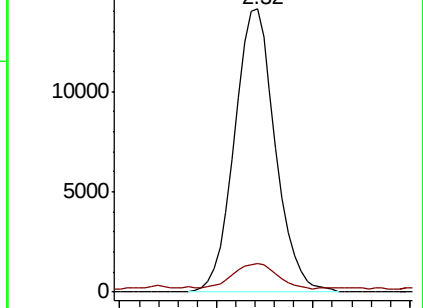
76 100

78 10.2 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0



#22

2-Butanone

Concen: 6.43 ug/L

RT: 4.05 min Scan# 984

Delta R.T. 0.01 min

Lab File: VV007359.D

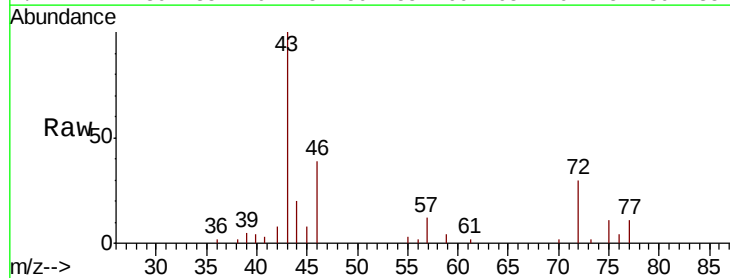
Acq: 05 Sep 2018 04:38

Tgt Ion: 43 Resp: 19569

Ion Ratio Lower Upper

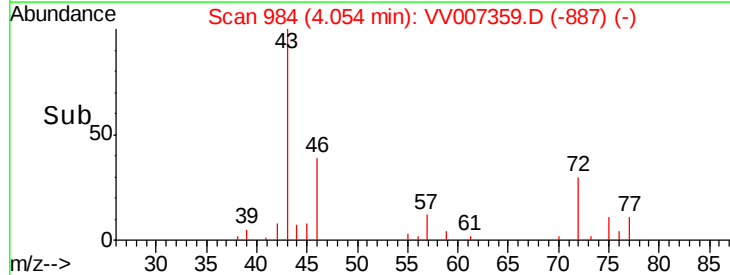
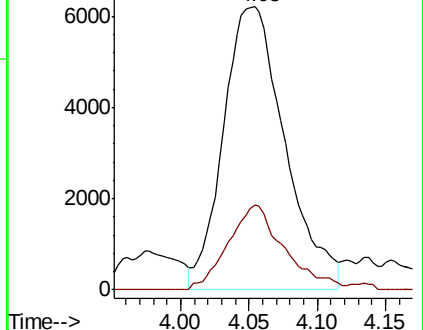
43 100

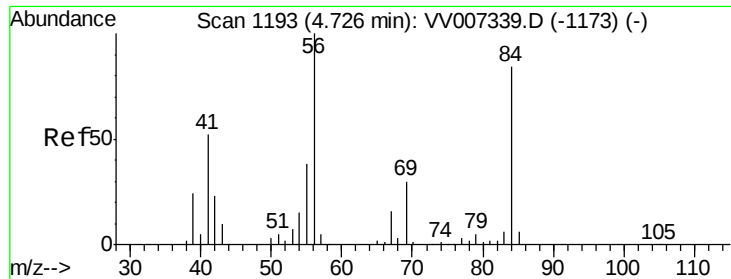
72 26.2 13.8 41.3



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0

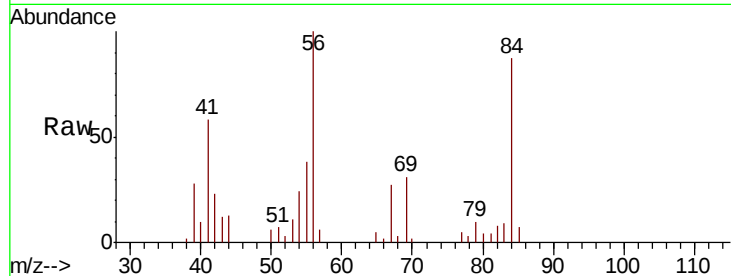




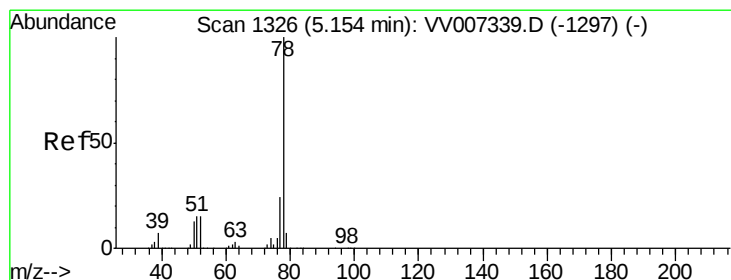
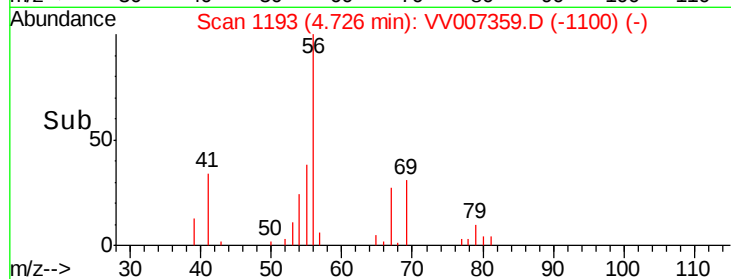
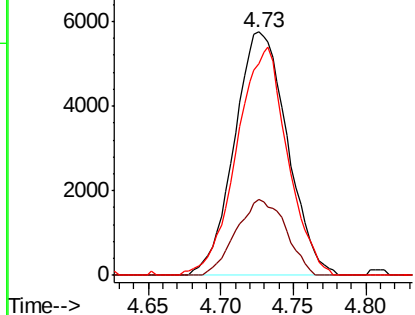
#29
Cyclohexane
Concen: 2.63 ug/L
RT: 4.73 min Scan# 1193
Delta R.T. 0.00 min
Lab File: VV007359.D
Acq: 05 Sep 2018 04:38

Instrument :
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Tot Ion: 56 Resp: 14597
Ion Ratio Lower Upper
56 100
69 29.2 24.5 36.7
84 89.9 70.6 105.8

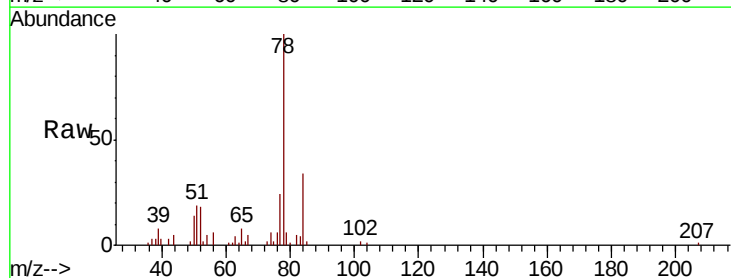


Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0



#33
Benzene
Concen: 1.93 ug/L
RT: 5.15 min Scan# 1326
Delta R.T. 0.00 min
Lab File: VV007359.D
Acq: 05 Sep 2018 04:38

Tgt Ion: 78 Resp: 30951



Abundance Ion 78.00 (77.70 to 78.70): VV0

