

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 05:03:25 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	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

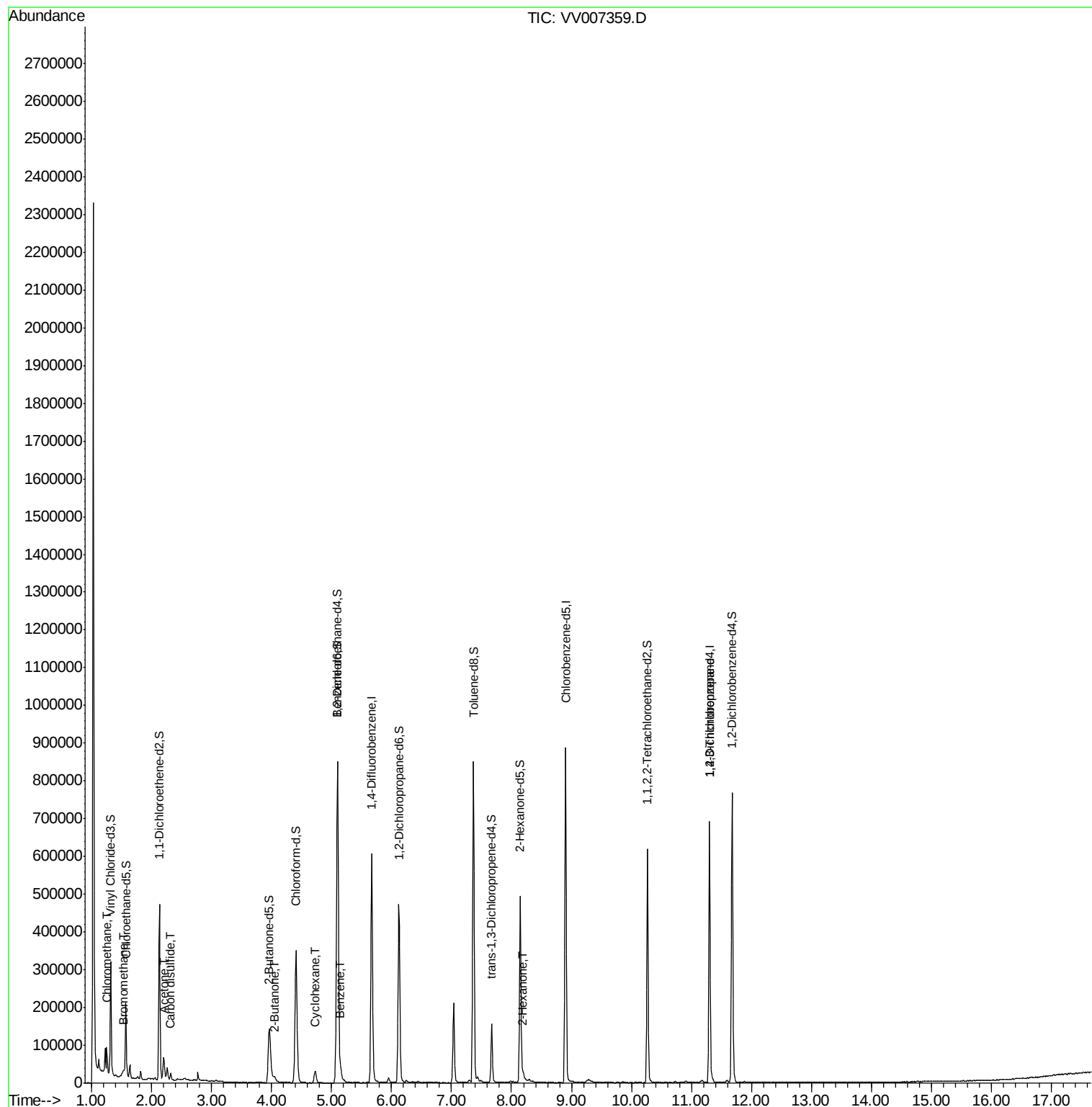
					Qvalue
3) Chloromethane	1.26	50	47428	10.720 ug/L	99
6) Bromomethane	1.53	94	2901	1.342 ug/L	88
13) Acetone	2.21	43	65460	36.003 ug/L	95
14) Carbon disulfide	2.32	76	20717	2.200 ug/L	97
22) 2-Butanone	4.05	43	19569	6.426 ug/L	98
29) Cyclohexane	4.73	56	14597	2.628 ug/L	98
33) Benzene	5.15	78	30951	1.931 ug/L	100
48) 2-Hexanone	8.20	43	7459	1.880 ug/L #	95
59) 1,2,3-Trichloropropane	11.30	75	21357	4.077 ug/L #	86

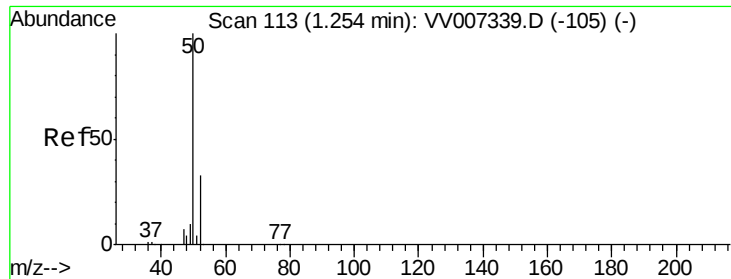
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 10.720 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 :

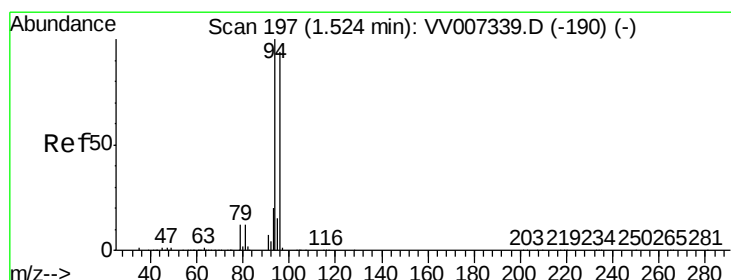
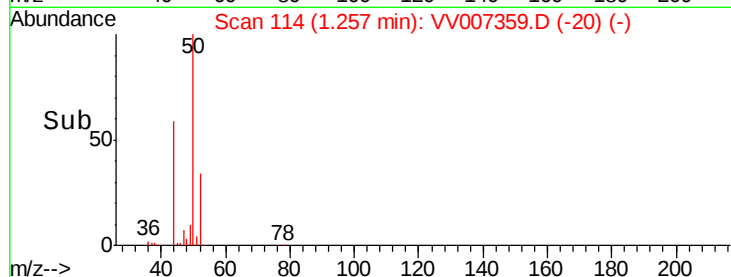
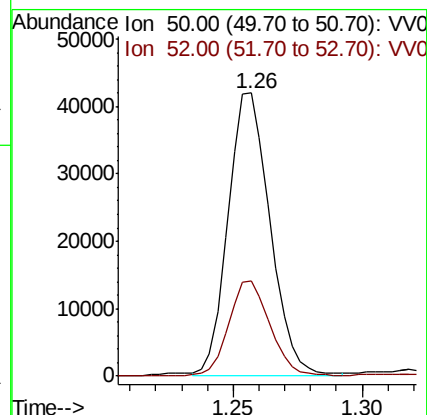
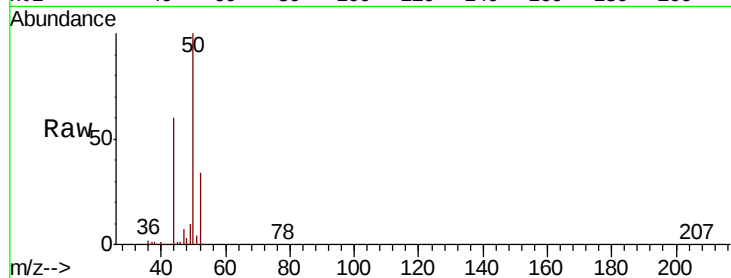
BEGB0

Tgt Ion: 50 Resp: 47428

Ion Ratio Lower Upper

50 100

52 33.8 23.2 43.2



#6

Bromomethane

Concen: 1.342 ug/L

RT: 1.53 min Scan# 199

Delta R.T. 0.01 min

Lab File: VV007359.D

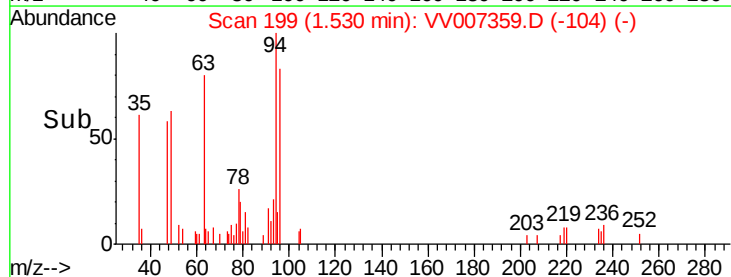
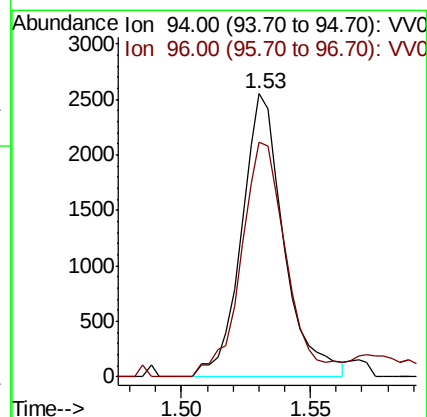
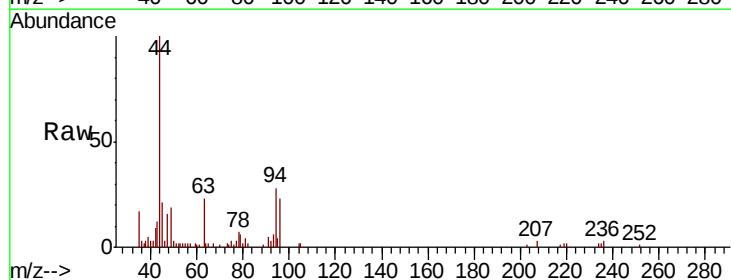
Acq: 05 Sep 2018 04:38

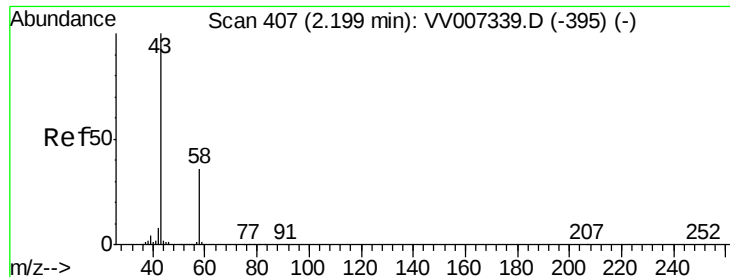
Tgt Ion: 94 Resp: 2901

Ion Ratio Lower Upper

94 100

96 82.9 65.9 122.5





#13

Acetone

Concen: 36.003 ug/L

RT: 2.21 min Scan# 409

Delta R.T. 0.01 min

Lab File: VV007359.D

Acq: 05 Sep 2018 04:38

Instrument :

MSVOA_V

ClientSampleId :

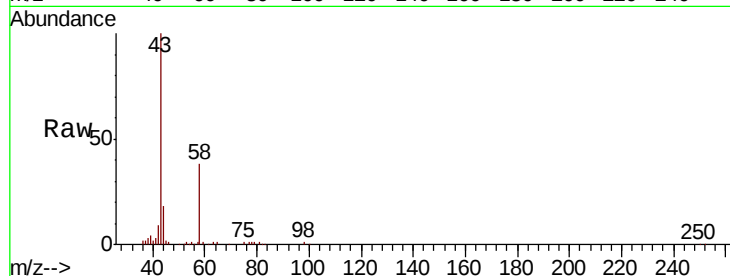
BEGB0

Tgt Ion: 43 Resp: 65460

Ion Ratio Lower Upper

43 100

58 38.5 0.0 71.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.21

40000

30000

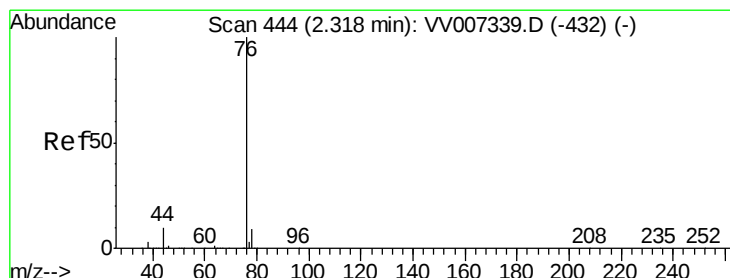
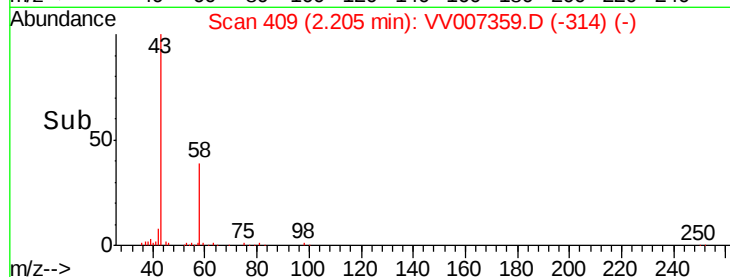
20000

10000

0

Time-->

2.15 2.20 2.25 2.30



#14

Carbon disulfide

Concen: 2.200 ug/L

RT: 2.32 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV007359.D

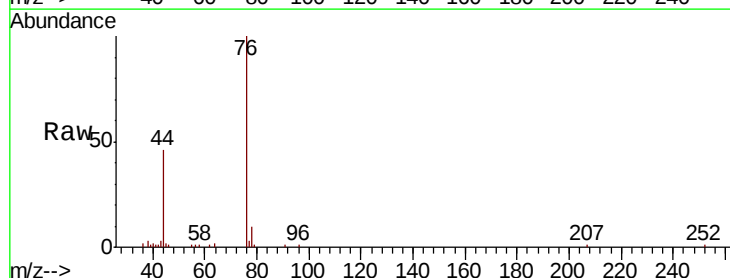
Acq: 05 Sep 2018 04:38

Tgt 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

2.32

15000

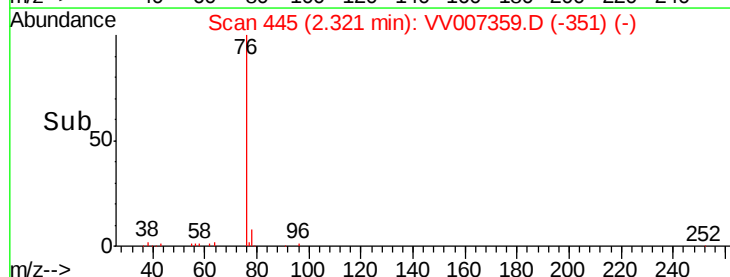
10000

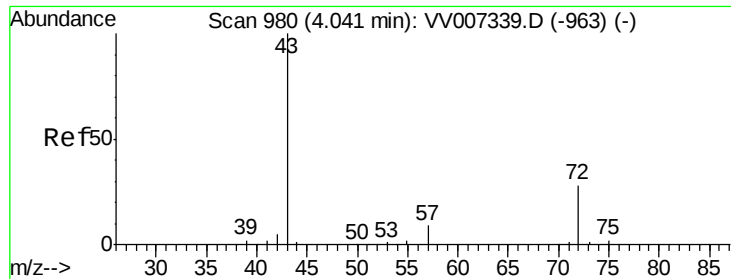
5000

0

Time-->

2.25 2.30 2.35





#22

2-Butanone

Concen: 6.426 ug/L

RT: 4.05 min Scan# 984

Delta R.T. 0.01 min

Lab File: VV007359.D

Acq: 05 Sep 2018 04:38

Instrument :

MSVOA_V

ClientSampleId :

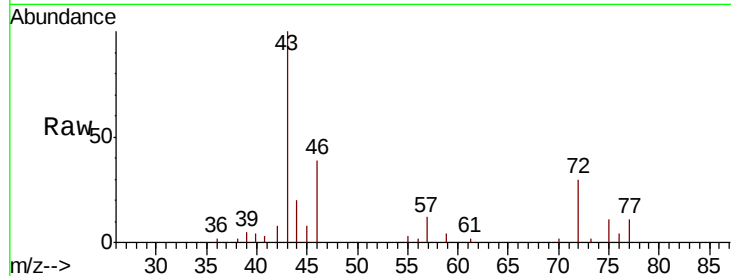
BEGB0

Tgt Ion: 43 Resp: 19569

Ion Ratio Lower Upper

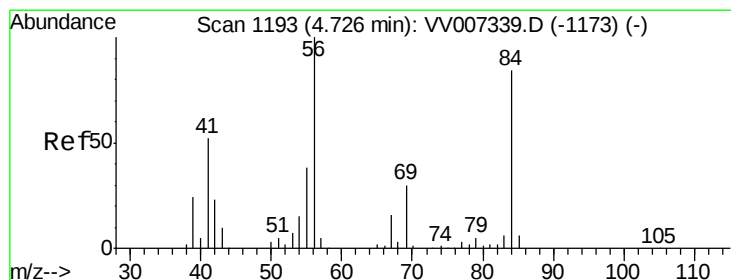
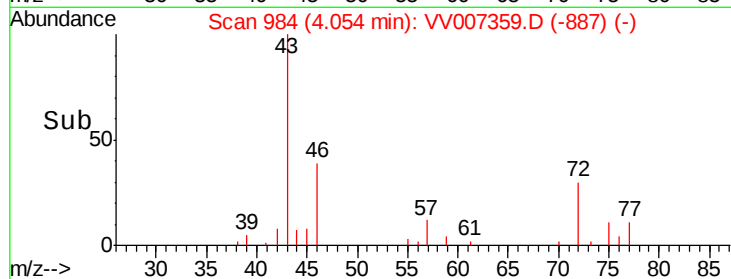
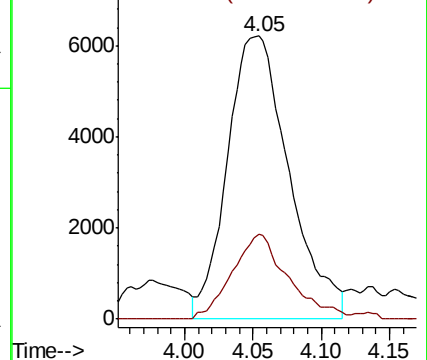
43 100

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: 2.628 ug/L

RT: 4.73 min Scan# 1193

Delta R.T. 0.00 min

Lab File: VV007359.D

Acq: 05 Sep 2018 04:38

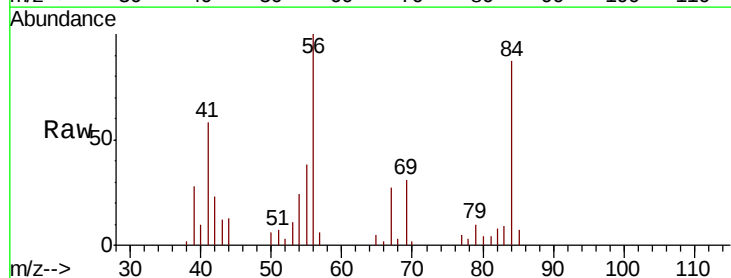
Tgt Ion: 56 Resp: 14597

Ion Ratio Lower Upper

56 100

69 29.2 24.5 36.7

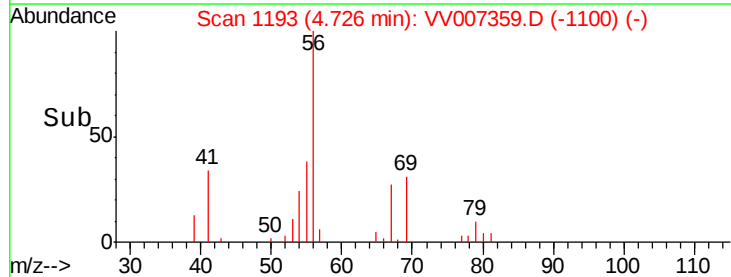
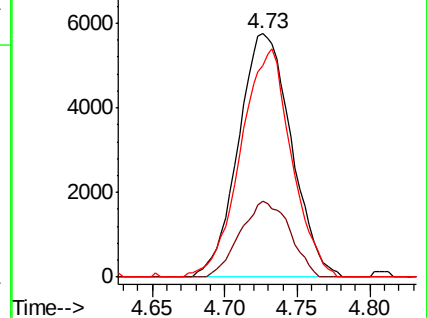
84 89.9 70.6 105.8

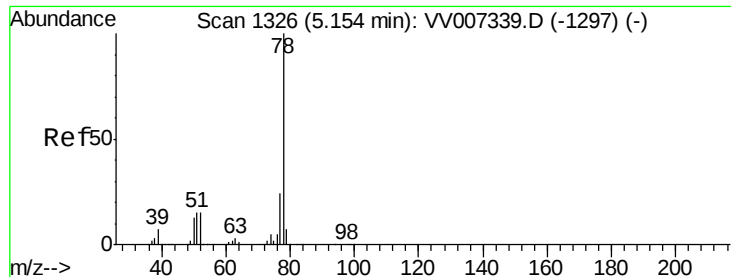


Abundance Ion 56.00 (55.70 to 56.70): VV0

Ion 69.00 (68.70 to 69.70): VV0

Ion 84.00 (83.70 to 84.70): VV0

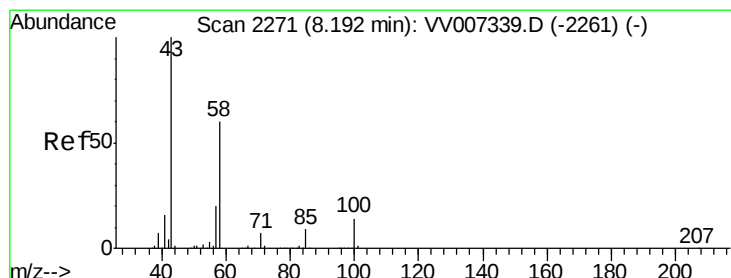
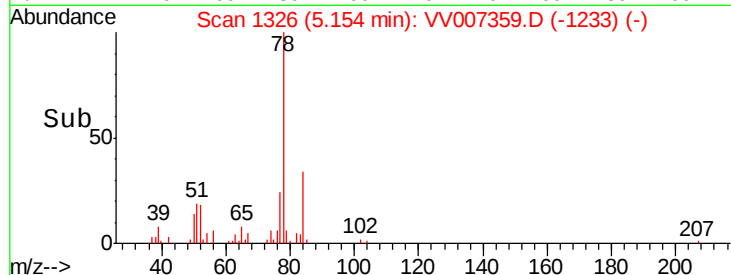
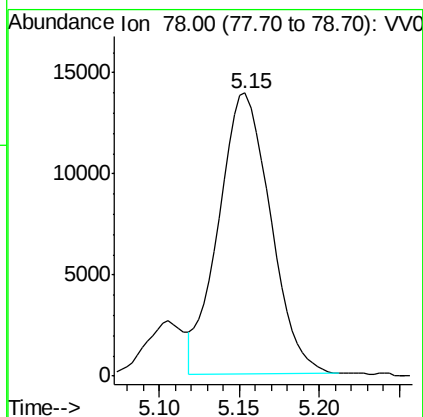
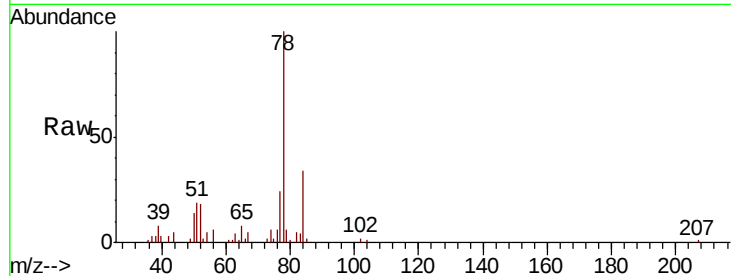




#33
Benzene
Concen: 1.931 ug/L
RT: 5.15 min Scan# 1326
Delta R.T. 0.00 min
Lab File: VV007359.D
Acq: 05 Sep 2018 04:38

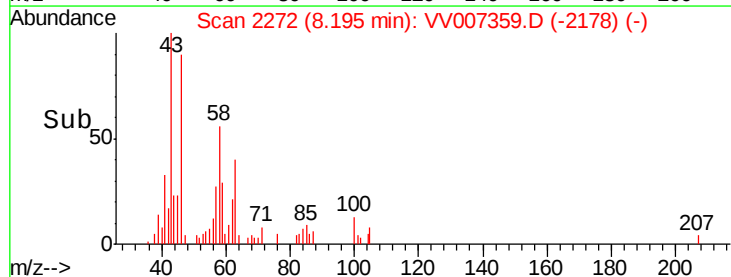
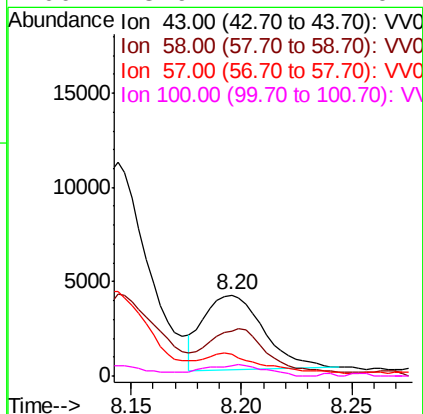
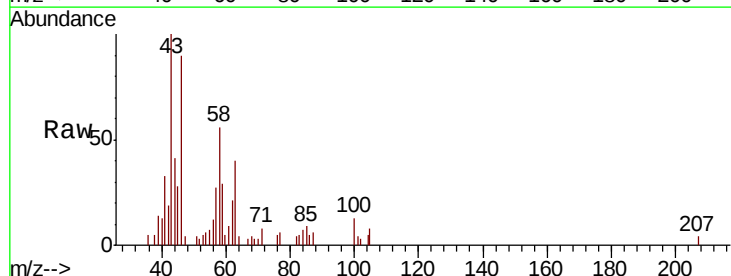
Tgt Ion: 78 Resp: 30951

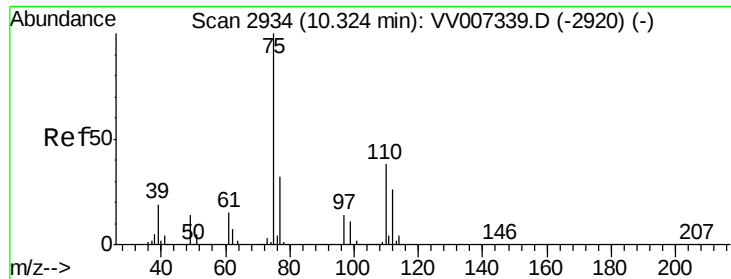
Instrument :
MSVOA_V
ClientSampleId :
BEGB0



#48
2-Hexanone
Concen: 1.880 ug/L
RT: 8.20 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VV007359.D
Acq: 05 Sep 2018 04:38

Tgt Ion: 43 Resp: 7459
Ion Ratio Lower Upper
43 100
58 58.0 48.6 72.8
57 21.8 16.2 24.2
100 8.9 11.1 16.7#





#59

1,2,3-Trichloropropane

Concen: 4.077 ug/L

RT: 11.30 min Scan# 3237

Delta R.T. 0.97 min

Lab File: VV007359.D

Acq: 05 Sep 2018 04:38

Instrument :

MSVOA_V

ClientSampleId :

BEGB0

Tgt Ion: 75 Resp: 21357

Ion Ratio Lower Upper

75 100

77 39.8 25.5 38.3#

