

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007938.D
 Acq On : 28 Sep 2018 05:24
 Operator : SY/MD
 Sample : J5062-08
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 07:48:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 28 03:46:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	84249	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	79958	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40387	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19818	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.59	69	19572	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.14	63	34201	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	3.96	46	65274	48.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.10%
24) Chloroform-d	4.41	84	48647	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.09	65	27111	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.10	84	94933	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.13	67	29632	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.36	98	88362	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.67	79	9371	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.14	63	50958	49.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.10%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	22315	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	37052	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

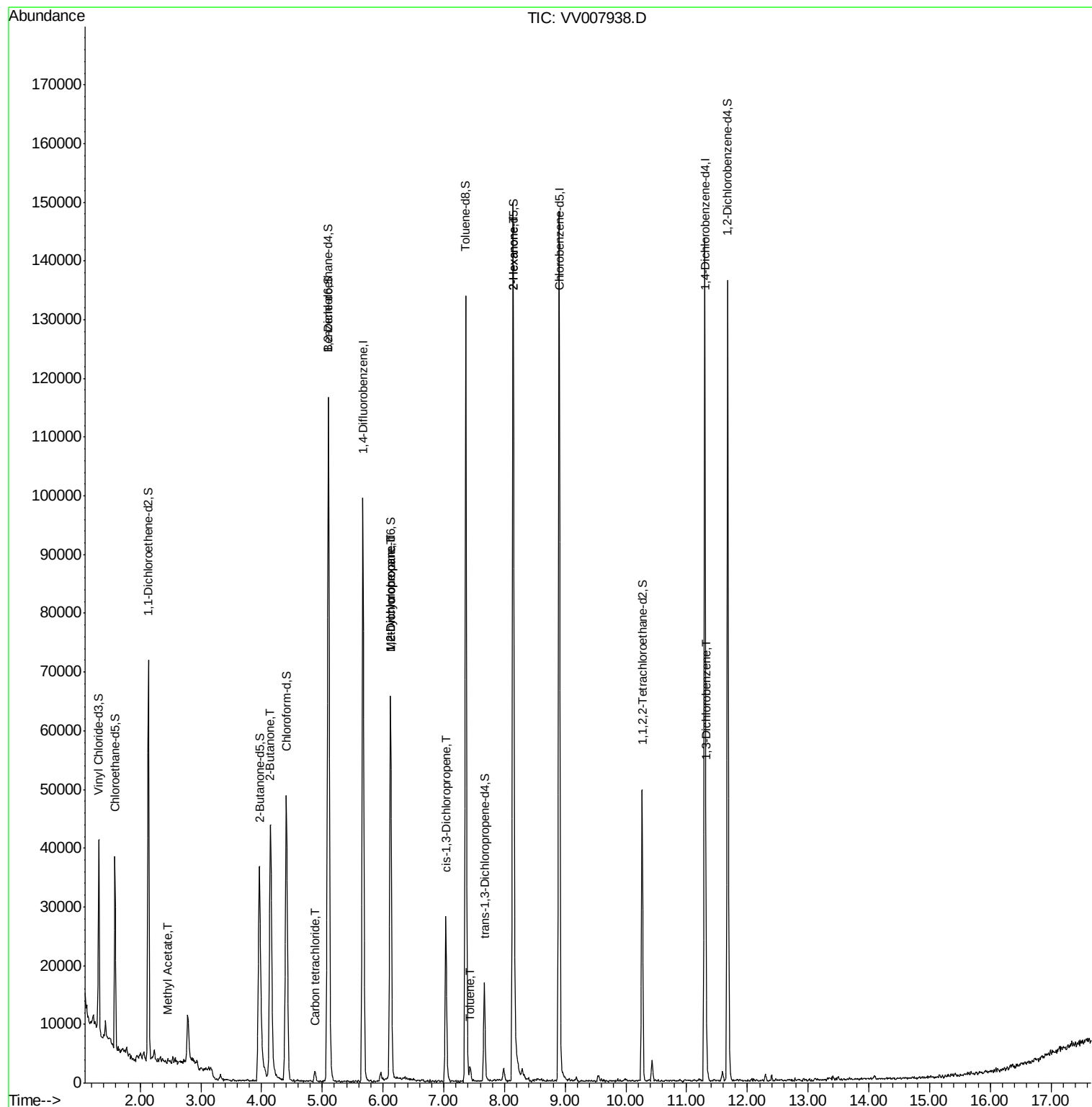
					Ovalue
15) Methyl Acetate	2.47	43	339	0.134 ug/L #	51
21) 2-Butanone	4.14	43	69783	44.253 ug/L #	50
31) Carbon tetrachloride	4.88	117	1319	0.156 ug/L	92
35) Methylcyclohexane	6.12	83	7626	0.776 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3407	0.582 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	750	0.096 ug/L #	81
42) Toluene	7.43	91	1967	0.079 ug/L	77
48) 2-Hexanone	8.14	43	6995	2.740 ug/L #	76
62) 1,3-Dichlorobenzene	11.32	146	805	0.060 ug/L	89

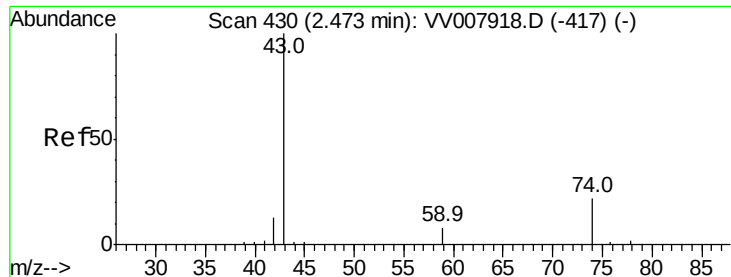
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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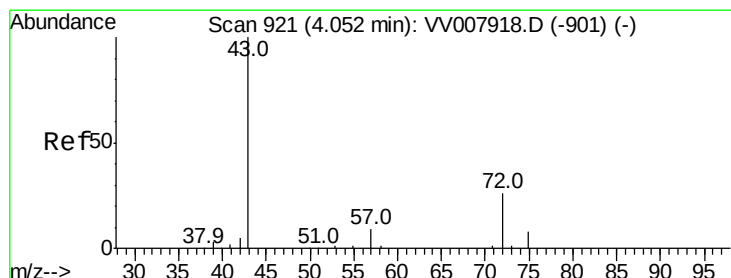
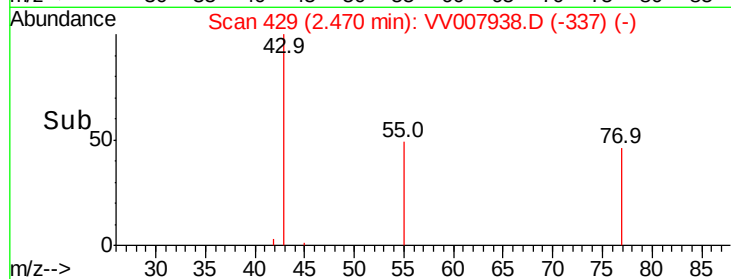
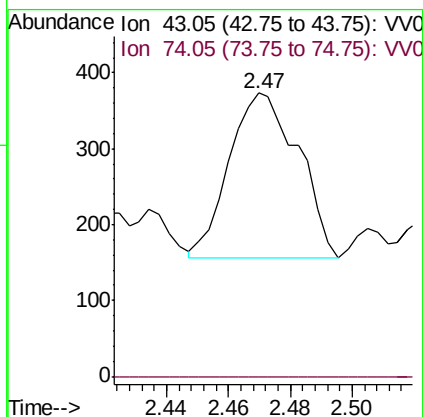
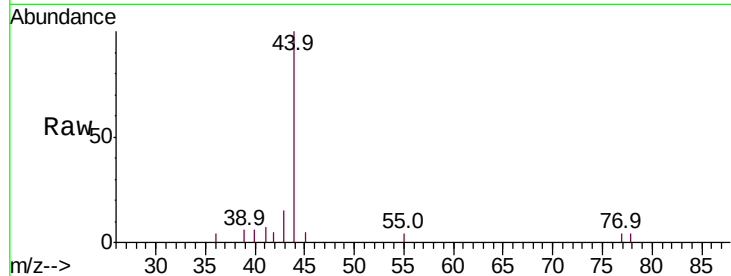




#15
Methyl Acetate
Concen: 0.134 ug/L
RT: 2.47 min Scan# 429
Delta R.T. -0.00 min
Lab File: VV007938.D
Acq: 28 Sep 2018 05:24

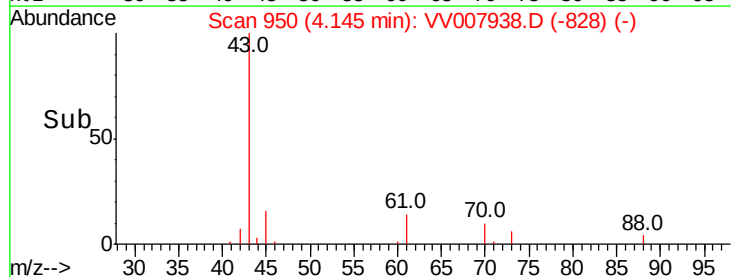
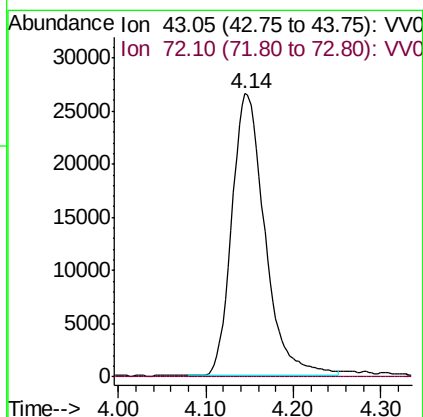
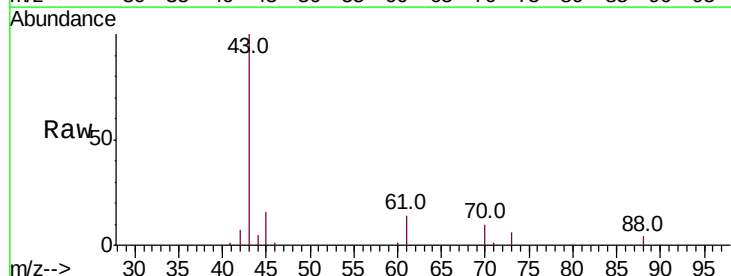
Instrument :
MSVOA_V
ClientSampled :

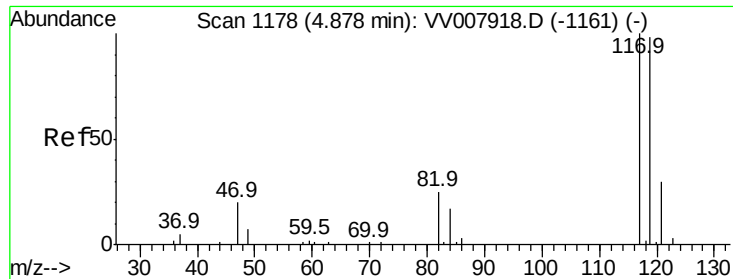
Tot Ion: 43 Resp: 339
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#21
2-Butanone
Concen: 44.253 ug/L
RT: 4.14 min Scan# 950
Delta R.T. 0.09 min
Lab File: VV007938.D
Acq: 28 Sep 2018 05:24

Tgt Ion: 43 Resp: 69783
Ion Ratio Lower Upper
43 100
72 0.0 12.5 37.5#





#31

Carbon tetrachloride

Concen: 0.156 ug/L

RT: 4.88 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VV007938.D

Acq: 28 Sep 2018 05:24

Instrument :

MSVOA_V

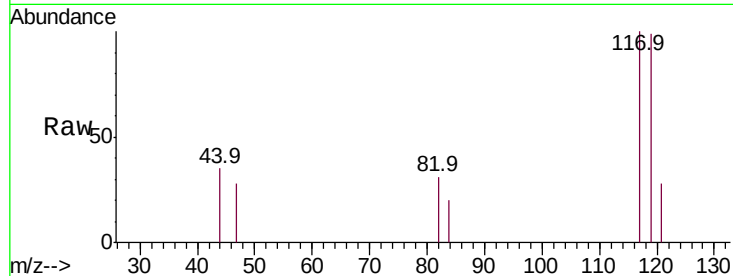
ClientSampleId :

Tot Ion:117 Resp: 1319

Ion Ratio Lower Upper

117 100

119 89.1 77.8 116.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

4.88

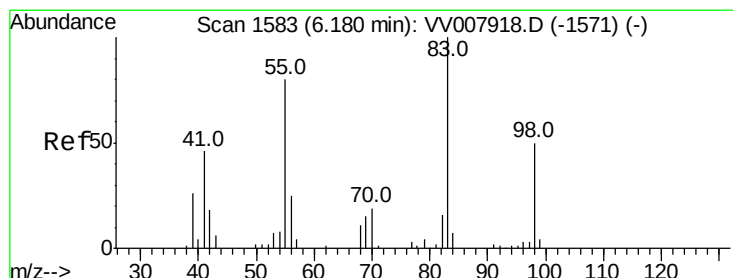
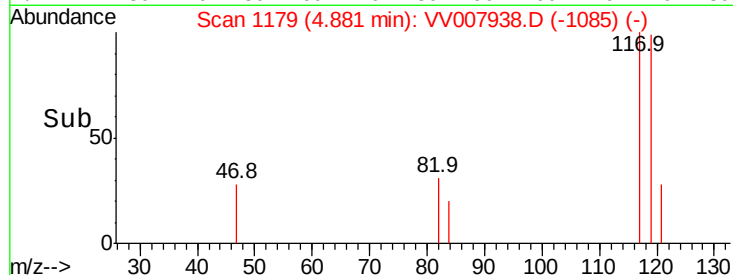
600

400

200

0

Time-->



#35

Methylcyclohexane

Concen: 0.776 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.06 min

Lab File: VV007938.D

Acq: 28 Sep 2018 05:24

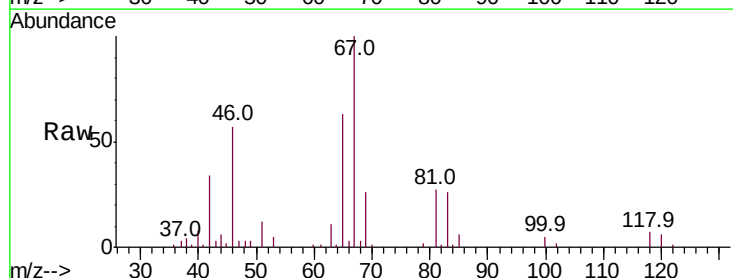
Tgt Ion: 83 Resp: 7626

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.2#

98 0.0 38.0 57.0#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

6.12

5000

4000

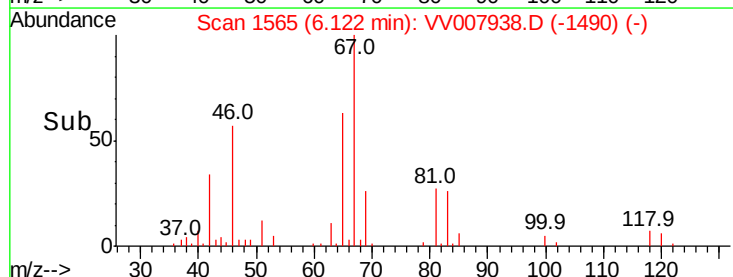
3000

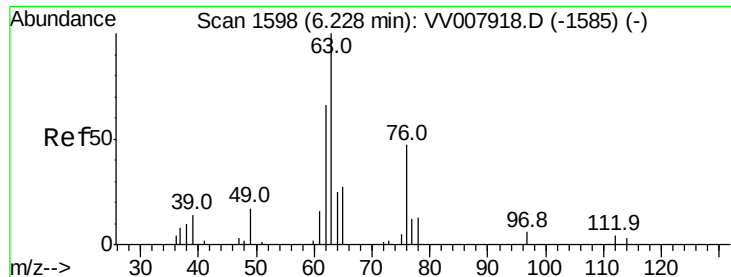
2000

1000

0

Time-->

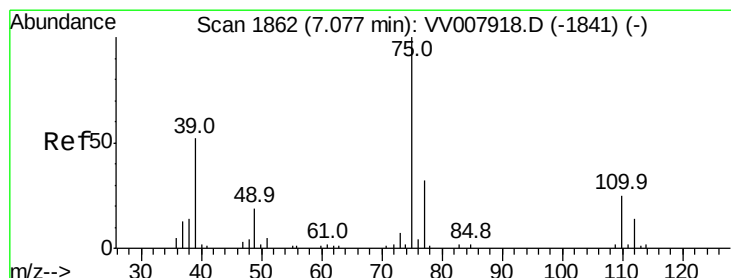
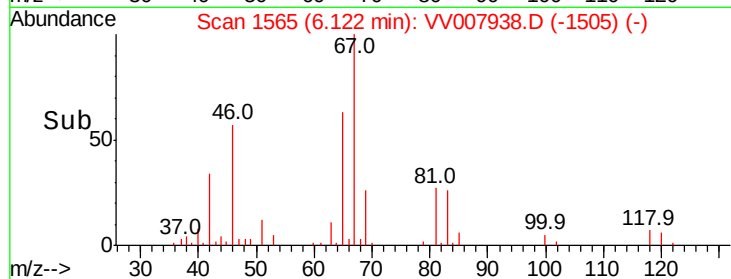
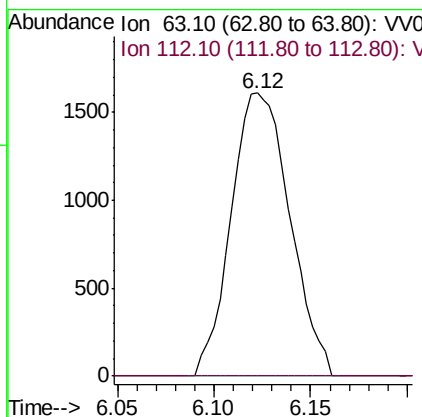
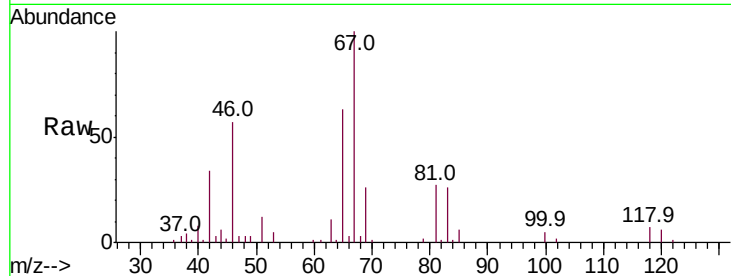




#37
 1,2-Dichloropropane
 Concen: 0.582 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.11 min
 Lab File: VV007938.D
 Acq: 28 Sep 2018 05:24

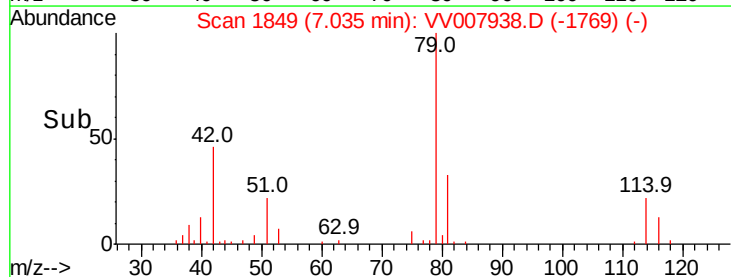
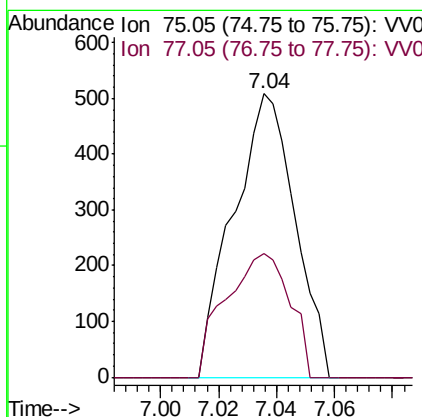
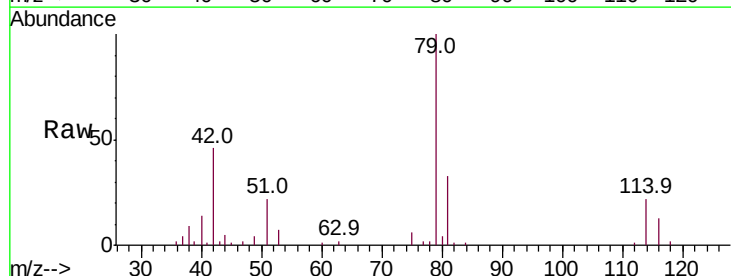
Instrument :
 MSVOA_V
 ClientSampleId :

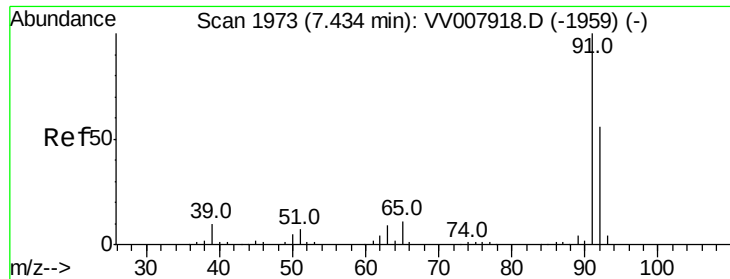
Tot Ion: 63 Resp: 3407
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV007938.D
 Acq: 28 Sep 2018 05:24

Tgt Ion: 75 Resp: 750
 Ion Ratio Lower Upper
 75 100
 77 43.5 22.9 42.5#





#42

Toluene

Concen: 0.079 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VV007938.D

Acq: 28 Sep 2018 05:24

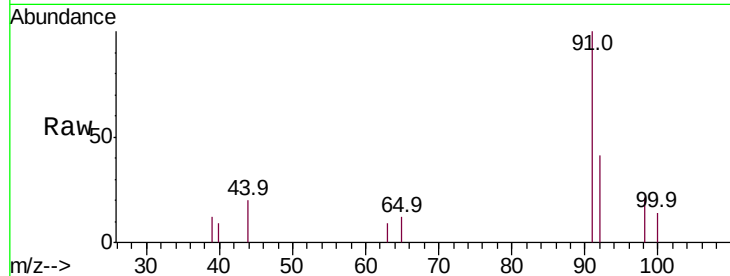
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 91 Resp: 1967

Ion Ratio Lower Upper

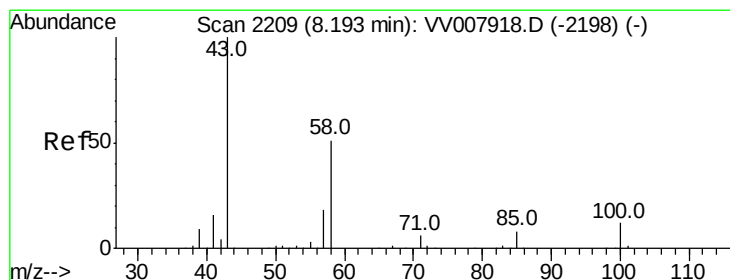
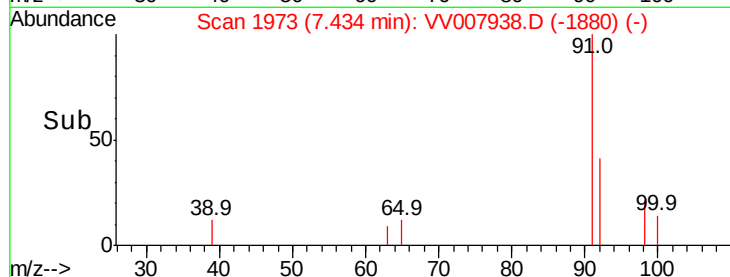
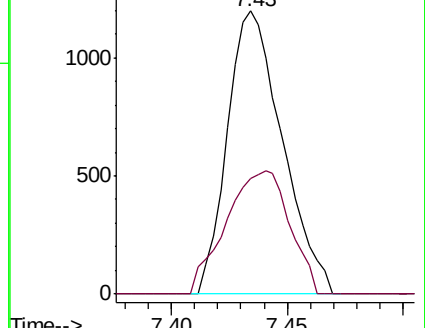
91 100

92 41.0 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VV007918.D (-1959) (-)

Ion 92.15 (91.85 to 92.85): VV007918.D (-1959) (-)



#48

2-Hexanone

Concen: 2.740 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.05 min

Lab File: VV007938.D

Acq: 28 Sep 2018 05:24

Tgt Ion: 43 Resp: 6995

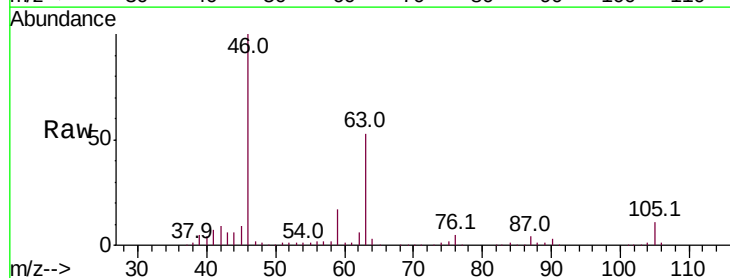
Ion Ratio Lower Upper

43 100

58 38.2 41.9 62.9#

57 31.5 14.3 21.5#

100 0.0 9.2 13.8#

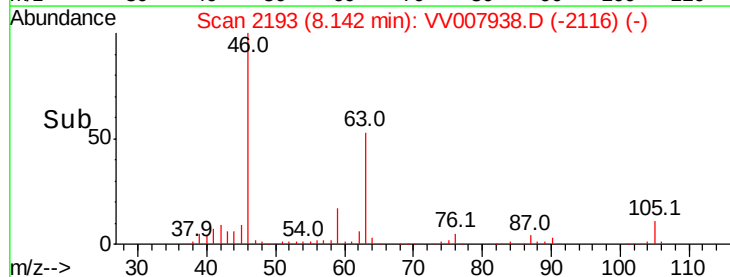
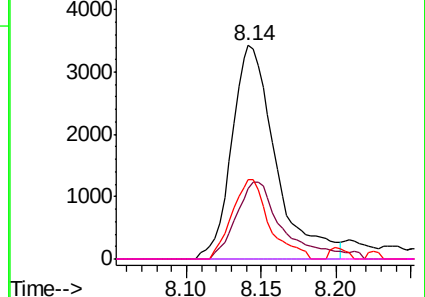


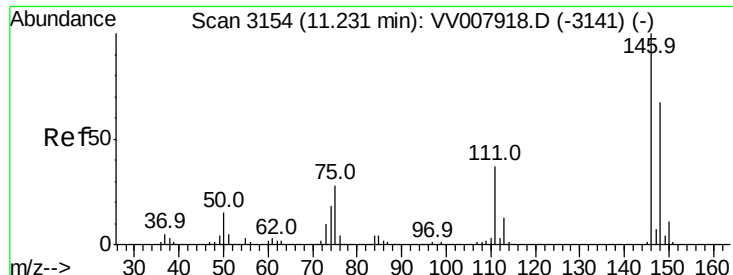
Abundance Ion 43.05 (42.75 to 43.75): VV007918.D (-2198) (-)

Ion 58.05 (57.75 to 58.75): VV007918.D (-2198) (-)

Ion 57.20 (56.90 to 57.90): VV007918.D (-2198) (-)

Ion 100.15 (99.85 to 100.85): VV007918.D (-2198) (-)





#62

1,3-Dichlorobenzene

Concen: 0.060 ug/L

RT: 11.32 min Scan# 3183

Delta R.T. 0.09 min

Lab File: VV007938.D

Acq: 28 Sep 2018 05:24

Instrument :

MSVOA_V

ClientSampleId :

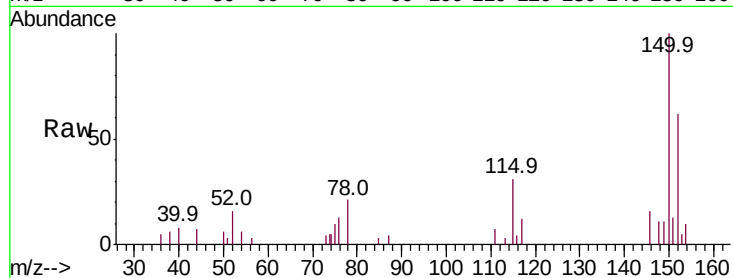
Tot Ion:146 Resp: 805

Ion Ratio Lower Upper

146 100

111 47.5 25.8 48.0

148 69.4 44.7 82.9



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

