

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007935.D
 Acq On : 28 Sep 2018 04:02
 Operator : SY/MD
 Sample : J5062-05
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 04:52:32 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	88313	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	84303	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44947	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22605	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.58	69	20304	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.13	63	37403	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.99	46	59486	41.77	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.54%
24) Chloroform-d	4.41	84	53459	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.09	65	28371	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.10	84	103662	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.12	67	32846	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.36	98	99292	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	7.67	79	10598	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.14	63	57762	53.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.54%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23850	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	43232	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

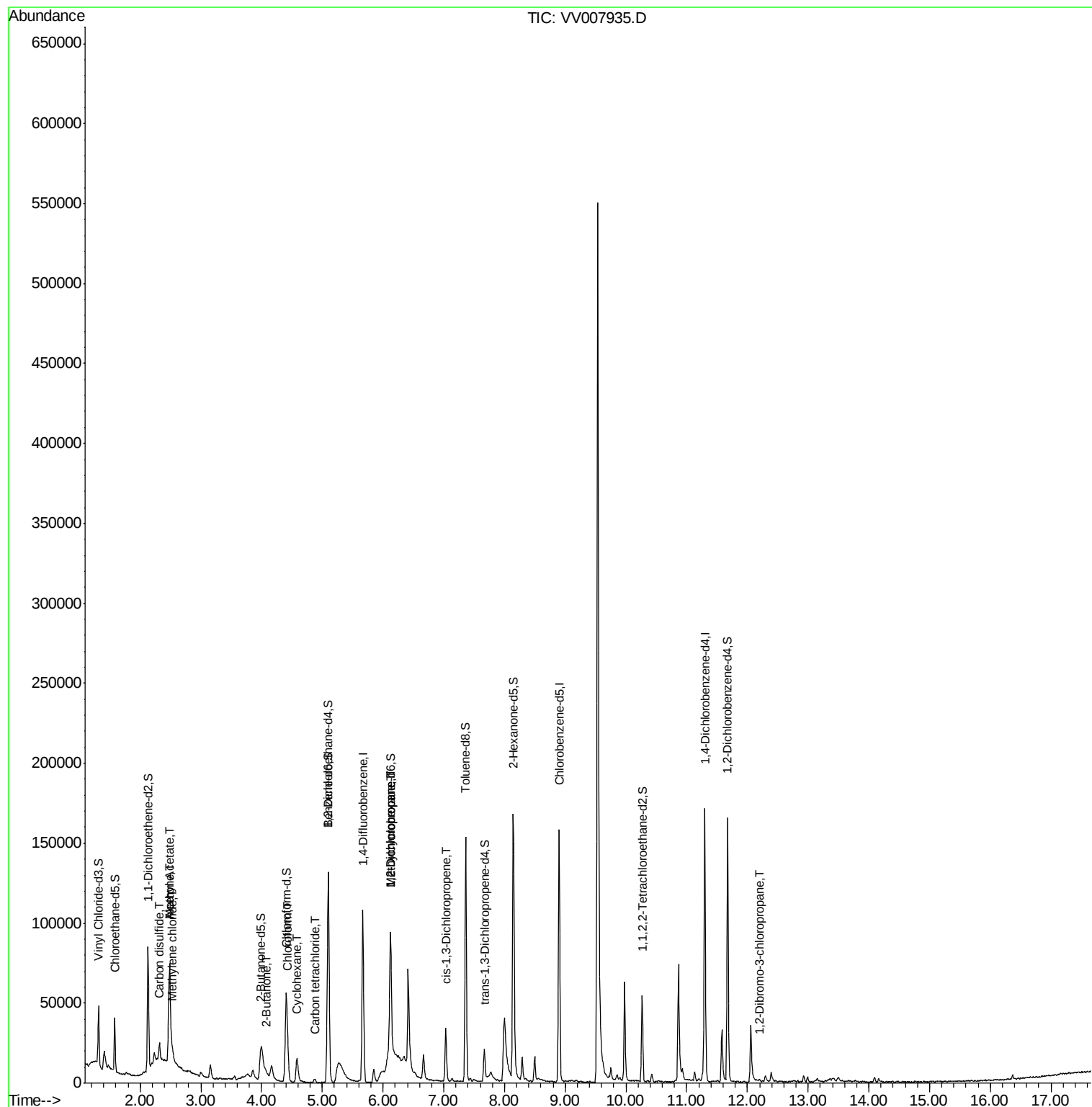
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.48	43	77432	74.631	ug/L	44
14) Carbon disulfide	2.32	76	11327	0.716	ug/L	97
15) Methyl Acetate	2.48	43	109849	41.399	ug/L	99
16) Methylene chloride	2.54	84	759	0.117	ug/L	86
21) 2-Butanone	4.08	43	2056	1.244	ug/L	78
25) Chloroform	4.43	83	12148	1.023	ug/L	98
30) Cyclohexane	4.58	56	732	0.077	ug/L #	43
31) Carbon tetrachloride	4.88	117	1753	0.196	ug/L	97
35) Methylcyclohexane	6.12	83	8096	0.781	ug/L #	19
37) 1,2-Dichloropropane	6.13	63	3949	0.640	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	803	0.097	ug/L #	42
66) 1,2-Dibromo-3-chloropropan	12.20	75	129	0.181	ug/L #	1

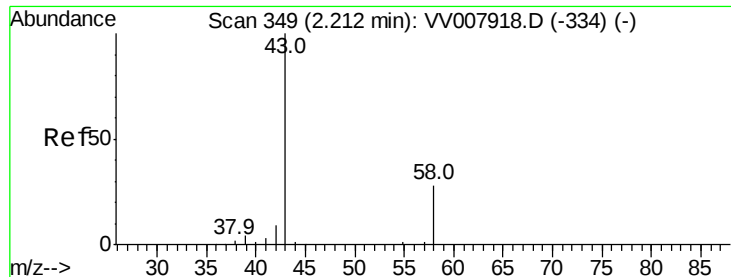
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092718\
Data File : VV007935.D
Acq On : 28 Sep 2018 04:02
Operator : SY/MD
Sample : J5062-05
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 28 04:52:32 2018
Quant Method : Z:\V0ASRV\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





#13

Acetone

Concen: 74.631 ug/L

RT: 2.48 min Scan# 433

Delta R.T. 0.27 min

Lab File: VV007935.D

Acq: 28 Sep 2018 04:02

Instrument :

MSVOA_V

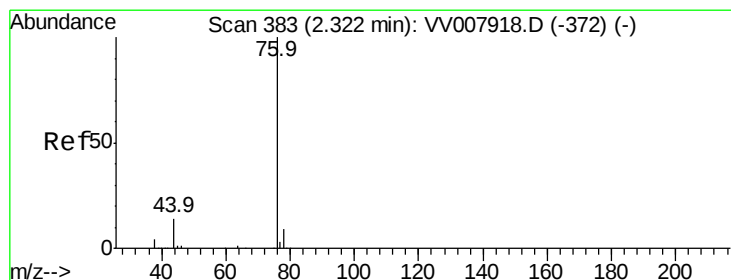
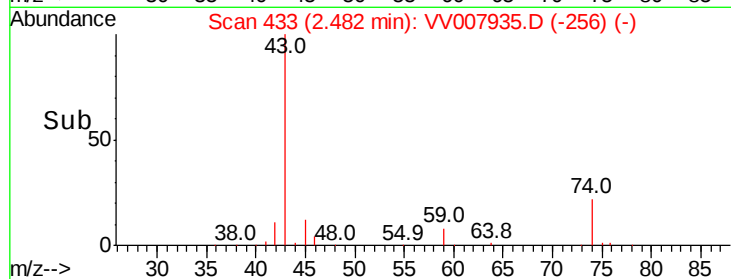
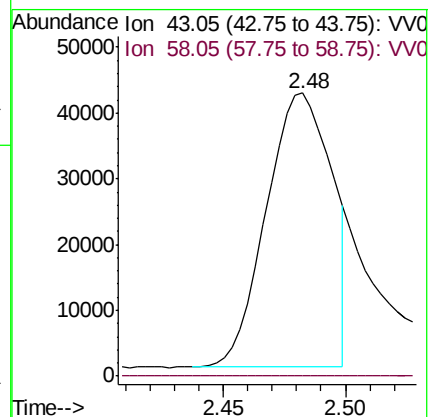
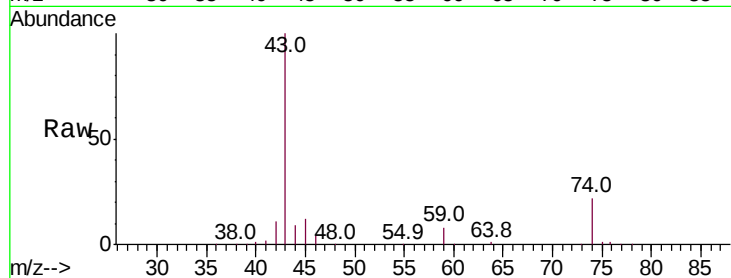
ClientSampleId :

Tot Ion: 43 Resp: 77432

Ion Ratio Lower Upper

43 100

58 0.1 0.0 62.0



#14

Carbon disulfide

Concen: 0.716 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VV007935.D

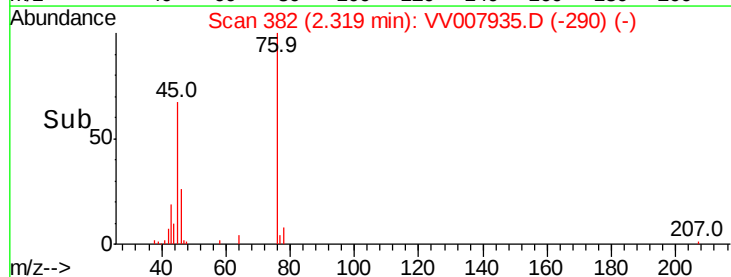
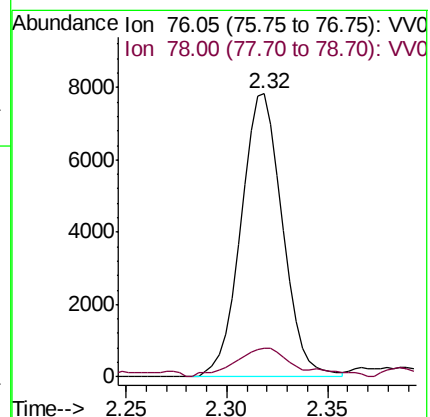
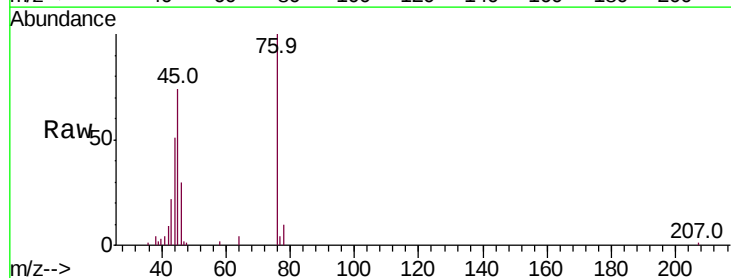
Acq: 28 Sep 2018 04:02

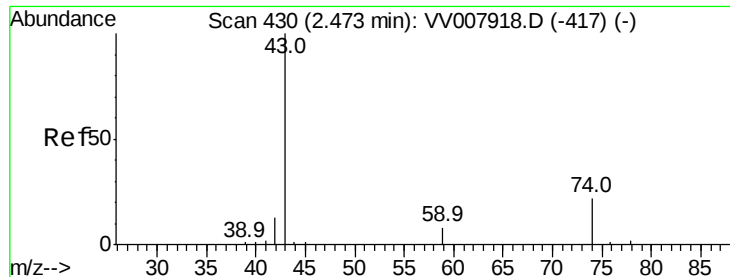
Tgt Ion: 76 Resp: 11327

Ion Ratio Lower Upper

76 100

78 10.2 7.2 10.8





#15

Methyl Acetate

Concen: 41.399 ug/L

RT: 2.48 min Scan# 433

Delta R.T. 0.01 min

Lab File: VV007935.D

Acq: 28 Sep 2018 04:02

Instrument :

MSVOA_V

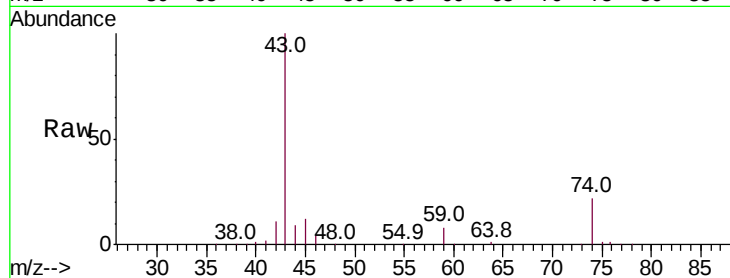
ClientSampleId :

Tot Ion: 43 Resp: 109849

Ion Ratio Lower Upper

43 100

74 23.7 19.5 29.3



Abundance Ion 43.05 (42.75 to 43.75): VV007918.D (-417) (-)

Ion 74.05 (73.75 to 74.75): VV007918.D (-417) (-)

2.48

40000

30000

20000

10000

0

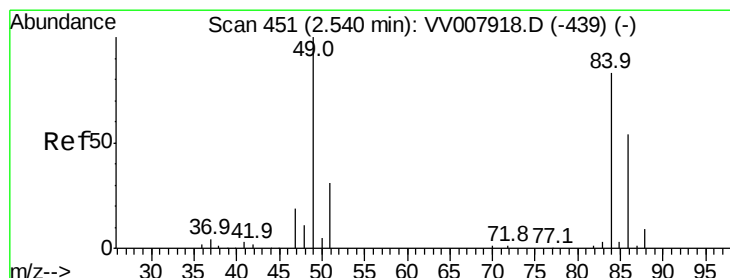
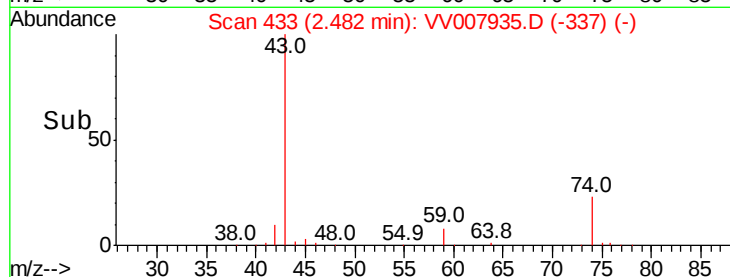
Time-->

2.40

2.50

2.60

2.70



#16

Methylene chloride

Concen: 0.117 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV007935.D

Acq: 28 Sep 2018 04:02

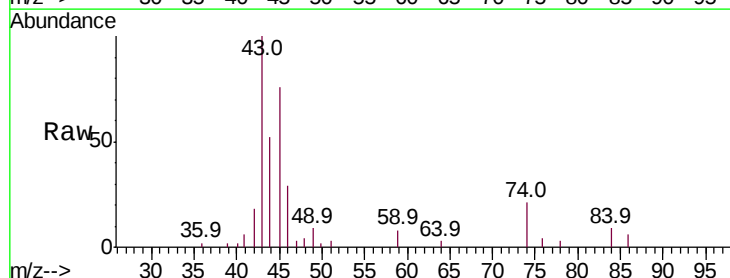
Tgt Ion: 84 Resp: 759

Ion Ratio Lower Upper

84 100

86 71.0 47.3 87.8

49 107.2 90.0 167.2



Abundance Ion 84.05 (83.75 to 84.75): VV007918.D (-439) (-)

Ion 86.00 (85.70 to 86.70): VV007918.D (-439) (-)

Ion 49.10 (48.80 to 49.80): VV007918.D (-439) (-)

2.54

600

400

200

0

Time-->

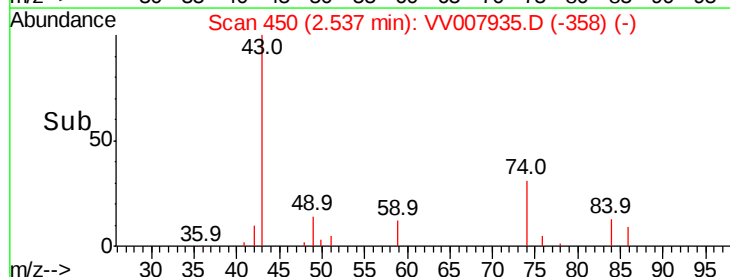
2.50

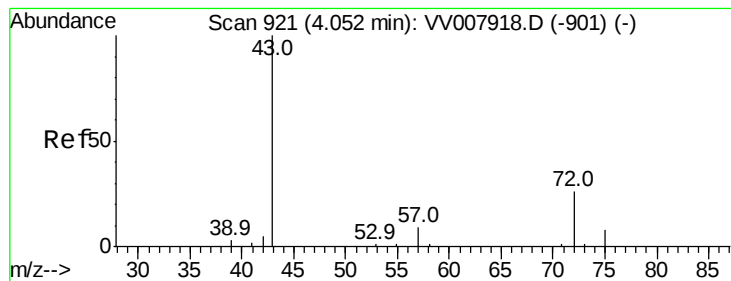
2.52

2.54

2.56

2.58





#21

2-Butanone

Concen: 1.244 ug/L

RT: 4.08 min Scan# 931

Delta R.T. 0.03 min

Lab File: VV007935.D

Acq: 28 Sep 2018 04:02

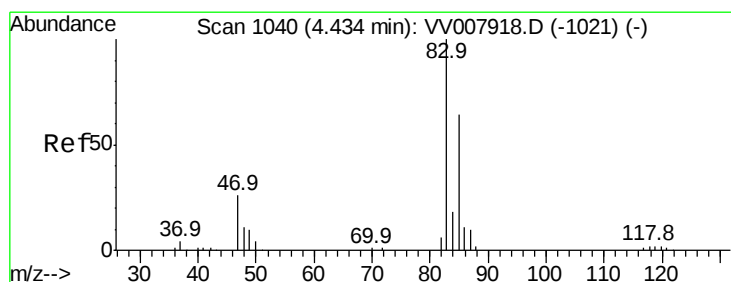
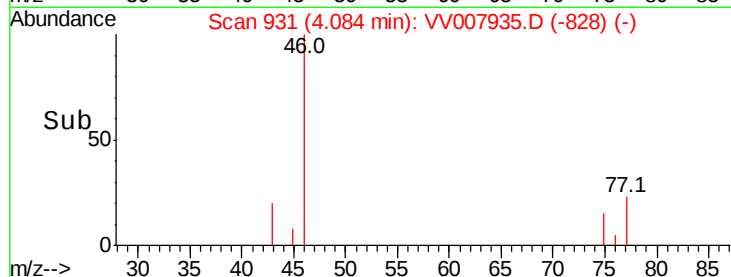
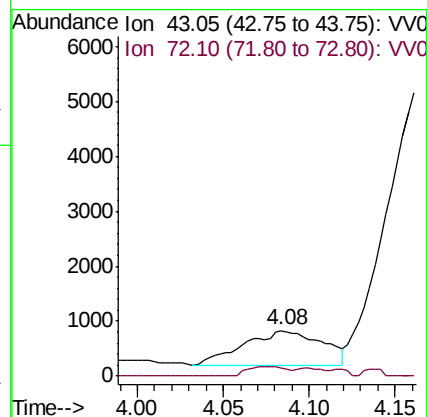
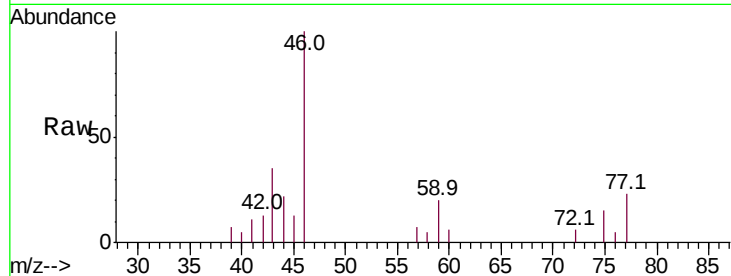
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 2056

Ion Ratio Lower Upper

43 100

72 13.7 12.5 37.5



#25

Chloroform

Concen: 1.023 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VV007935.D

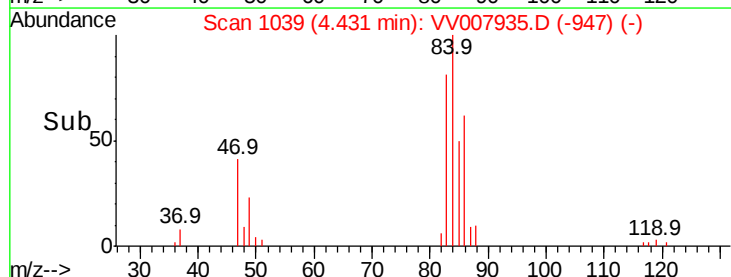
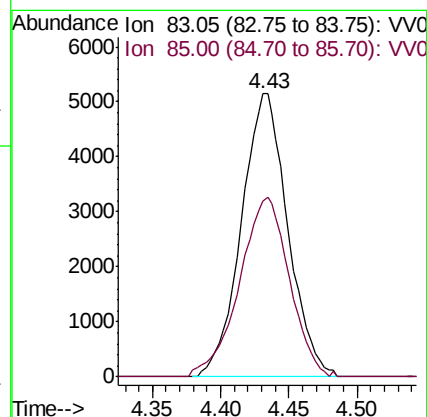
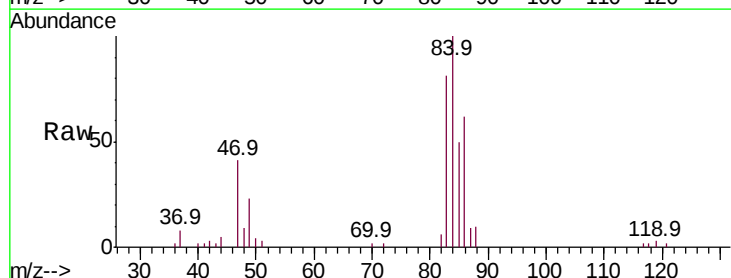
Acq: 28 Sep 2018 04:02

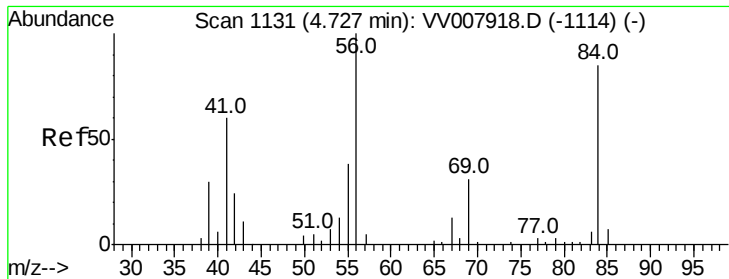
Tgt Ion: 83 Resp: 12148

Ion Ratio Lower Upper

83 100

85 62.4 44.8 83.2

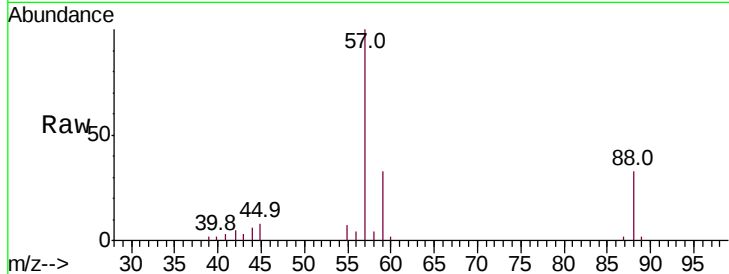




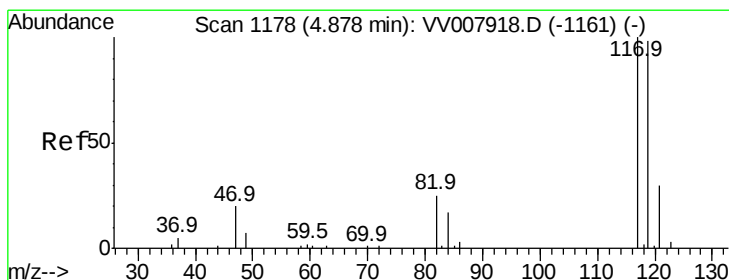
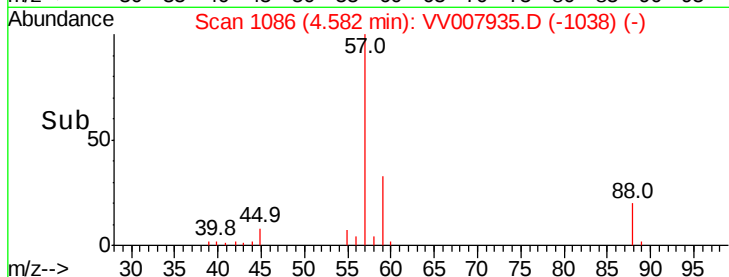
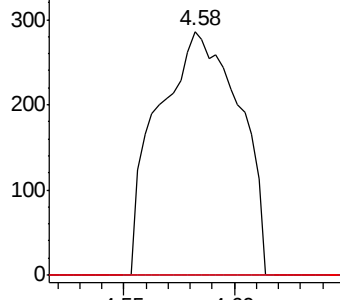
#30
Cyclohexane
Concen: 0.077 ug/L
RT: 4.58 min Scan# 1086
Delta R.T. -0.14 min
Lab File: VV007935.D
Acq: 28 Sep 2018 04:02

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 56 Resp: 732
Ion Ratio Lower Upper
56 100
69 0.0 24.2 36.4#
84 33.7 69.8 104.8#

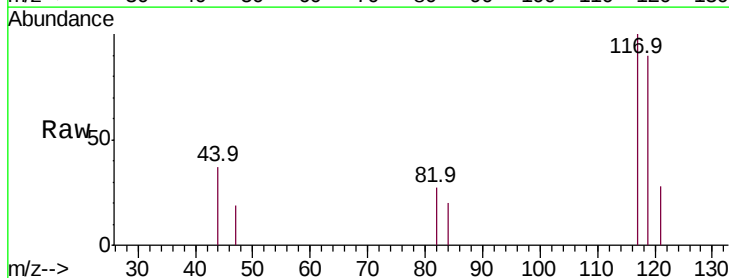


Abundance Ion 56.10 (55.80 to 56.80): VV0
Ion 69.15 (68.85 to 69.85): VV0
Ion 84.15 (83.85 to 84.85): VV0

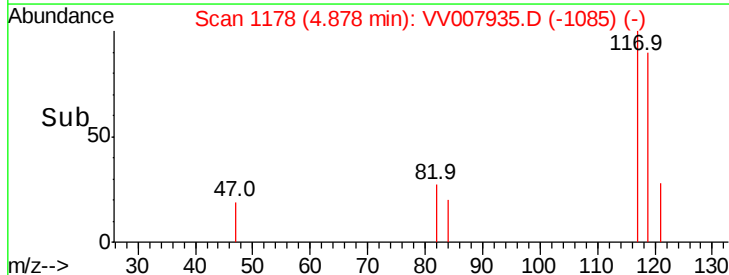
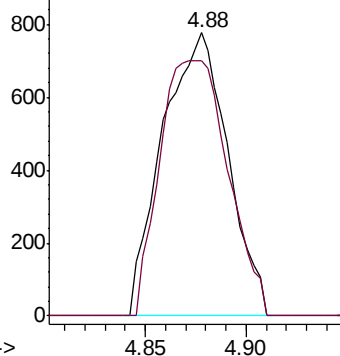


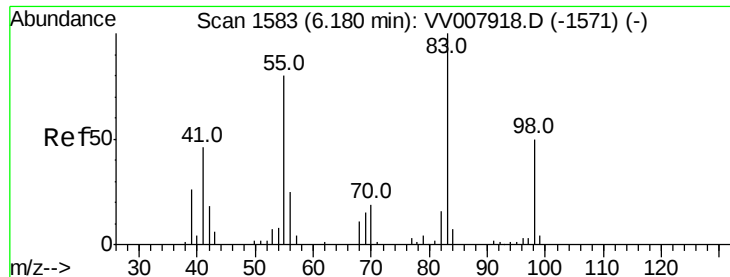
#31
Carbon tetrachloride
Concen: 0.196 ug/L
RT: 4.88 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VV007935.D
Acq: 28 Sep 2018 04:02

Tgt Ion: 117 Resp: 1753
Ion Ratio Lower Upper
117 100
119 94.2 77.8 116.8



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V

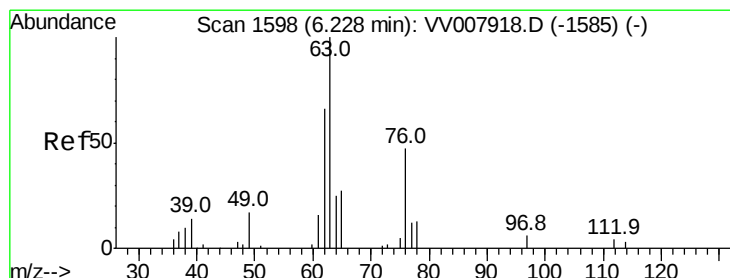
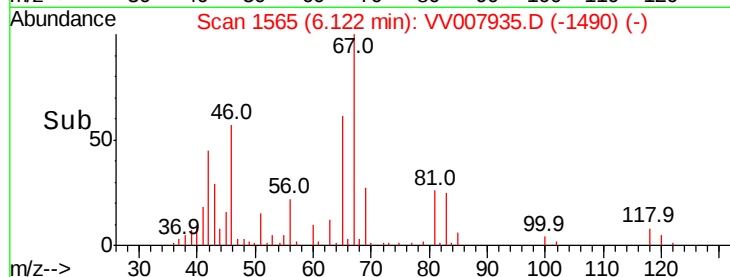
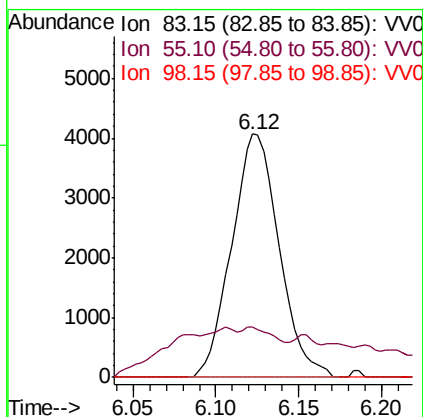
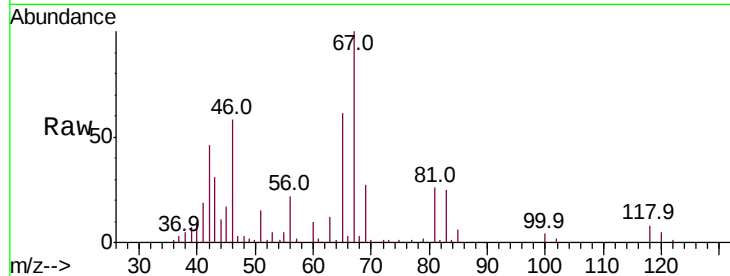




#35
Methvlcvclohexane
Concen: 0.781 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV007935.D
Acq: 28 Sep 2018 04:02

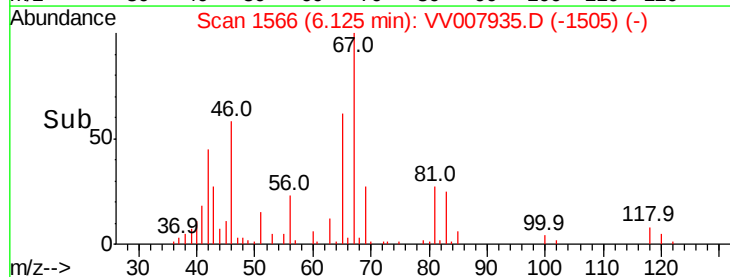
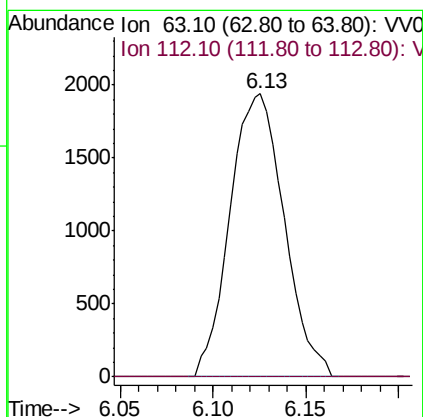
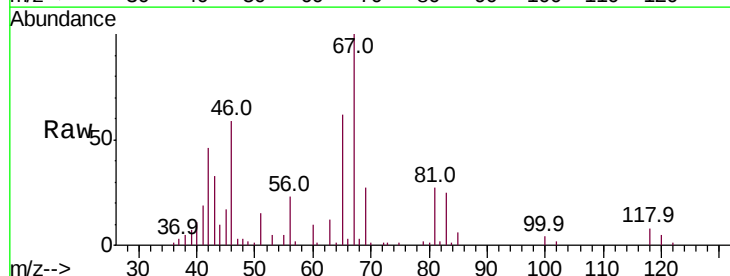
Instrument :
MSVOA_V
ClientSampleId :

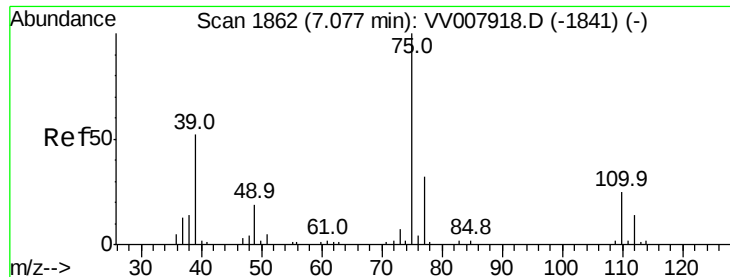
Tot Ion: 83 Resp: 8096
Ion Ratio Lower Upper
83 100
55 1.5 62.2 93.2#
98 0.0 38.0 57.0#



#37
1,2-Dichloropropane
Concen: 0.640 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV007935.D
Acq: 28 Sep 2018 04:02

Tgt Ion: 63 Resp: 3949
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.04 min Scan# 1850

Delta R.T. -0.04 min

Lab File: VV007935.D

Acq: 28 Sep 2018 04:02

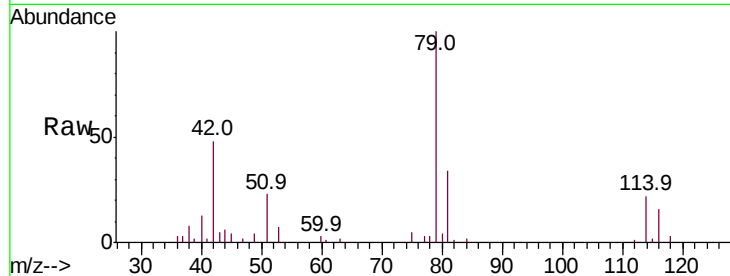
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 803

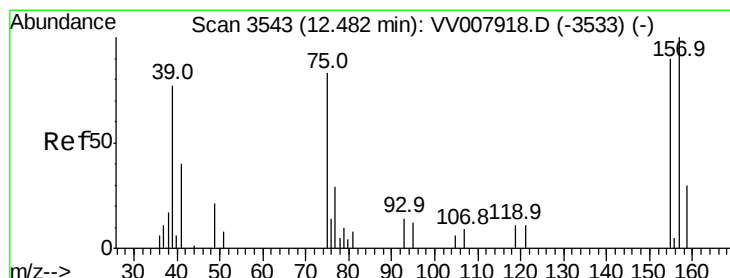
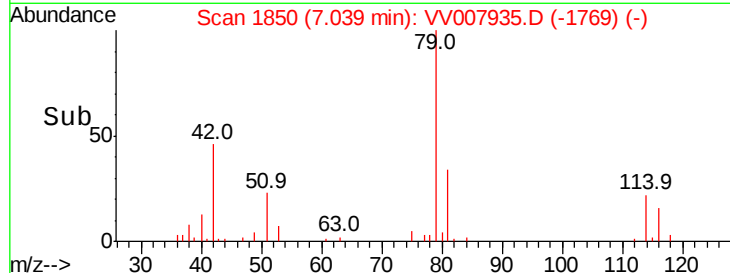
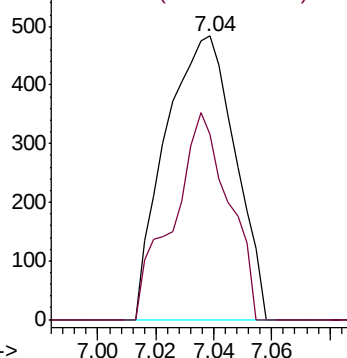
Ion Ratio Lower Upper

75 100

77 65.2 22.9 42.5#



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0



#66

1,2-Dibromo-3-chloropropane

Concen: 0.181 ug/L

RT: 12.20 min Scan# 3454

Delta R.T. -0.29 min

Lab File: VV007935.D

Acq: 28 Sep 2018 04:02

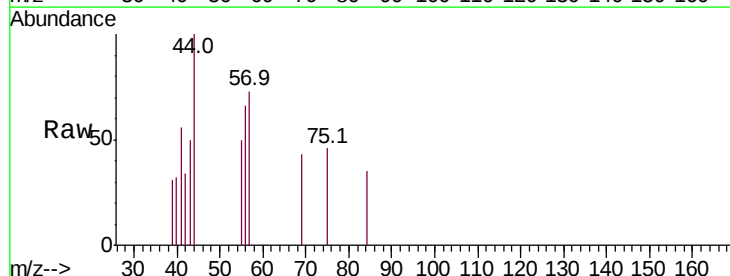
Tgt Ion: 75 Resp: 129

Ion Ratio Lower Upper

75 100

155 0.0 83.4 125.2#

157 0.0 93.9 140.9#



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 154.95 (154.65 to 155.65): V
Ion 156.90 (156.60 to 157.60): V

