

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092818\
 Data File : VV007951.D
 Acq On : 28 Sep 2018 14:01
 Operator : SY/MD
 Sample : J5062-05DL 4X
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAC05DL

Quant Time: Oct 01 01:53:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 01 01:51:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	90005	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	84317	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45014	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19551	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.58	69	18332	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.13	63	33202	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	3.98	46	60137	41.44	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.88%
24) Chloroform-d	4.41	84	48988	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.09	65	26444	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	5.10	84	93264	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.12	67	30395	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.36	98	89352	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.67	79	10088	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.14	63	53867	49.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.34%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21369	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	38819	4.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.20%

Target Compounds

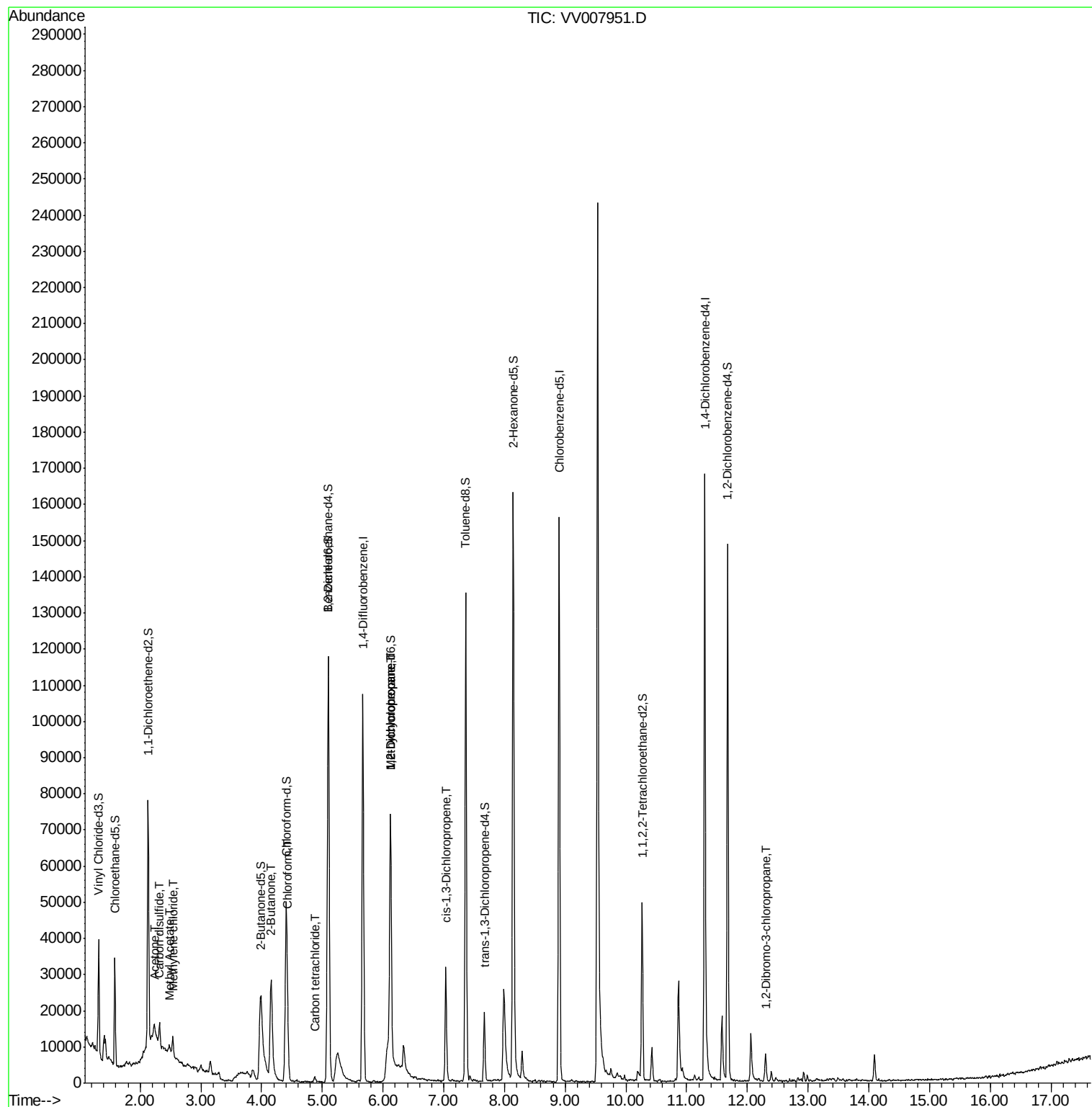
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.23	43	1813	1.715	ug/L	73
14) Carbon disulfide	2.32	76	5657	0.351	ug/L #	90
15) Methyl Acetate	2.48	43	1622	0.600	ug/L	95
16) Methylene chloride	2.54	84	1683	0.255	ug/L	96
21) 2-Butanone	4.16	43	46171	27.407	ug/L #	51
25) Chloroform	4.43	83	5957	0.492	ug/L	99
31) Carbon tetrachloride	4.88	117	998	0.112	ug/L	87
35) Methylcyclohexane	6.12	83	7591	0.732	ug/L #	19
37) 1,2-Dichloropropane	6.13	63	3399	0.551	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	858	0.104	ug/L #	68
66) 1,2-Dibromo-3-chloropropan	12.30	75	109	0.153	ug/L #	1

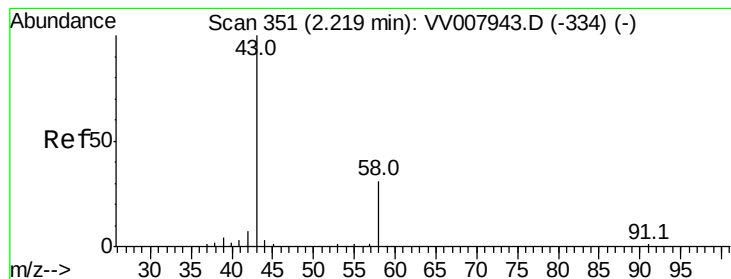
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 01 01:51:53 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.715 ug/L

RT: 2.23 min Scan# 356

Delta R.T. 0.02 min

Lab File: VV007951.D

Acq: 28 Sep 2018 14:01

Instrument :

MSVOA_V

ClientSampled :

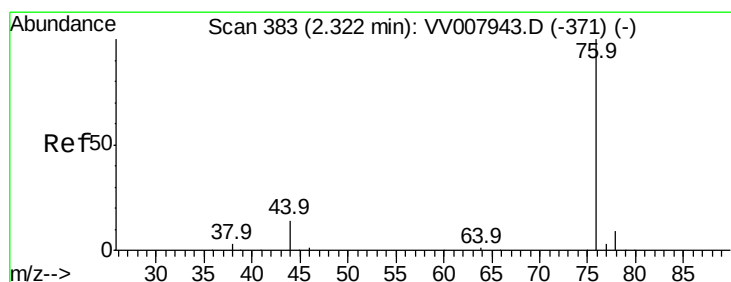
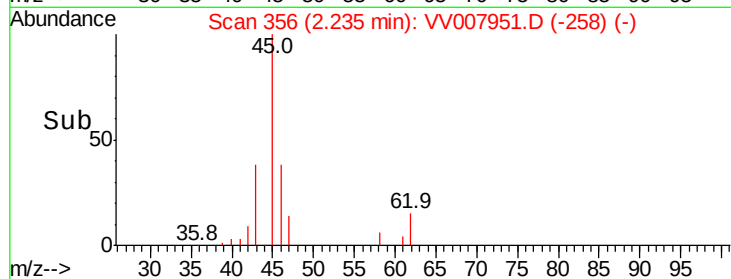
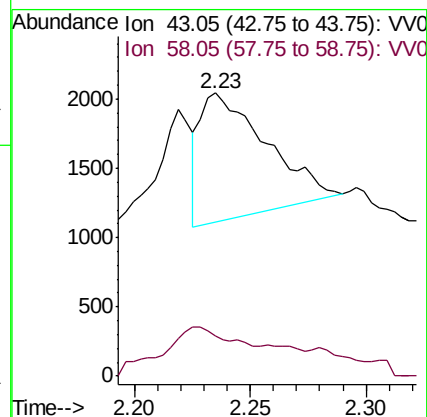
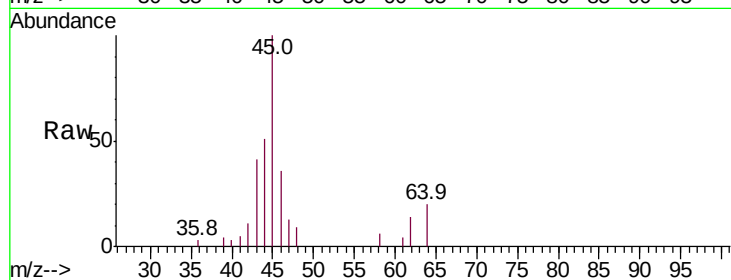
GAC05DL

Tot Ion: 43 Resp: 1813

Ion Ratio Lower Upper

43 100

58 46.0 0.0 62.0



#14

Carbon disulfide

Concen: 0.351 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VV007951.D

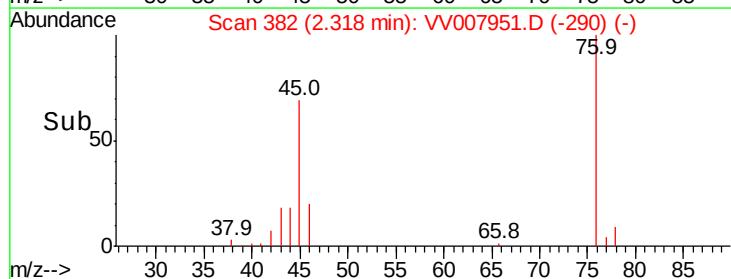
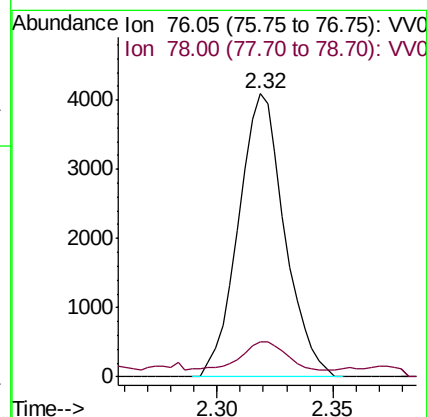
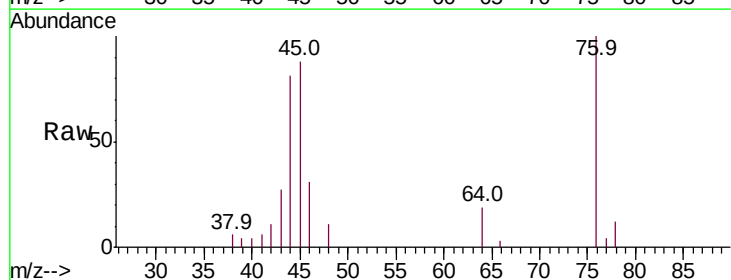
Acq: 28 Sep 2018 14:01

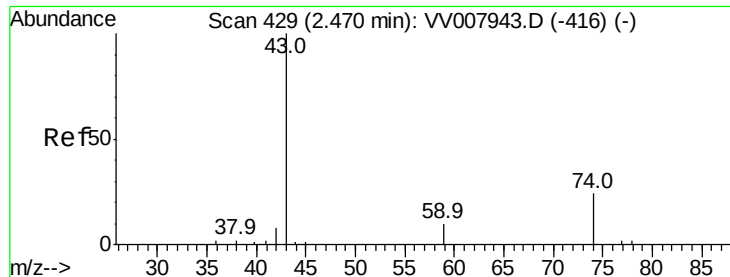
Tgt Ion: 76 Resp: 5657

Ion Ratio Lower Upper

76 100

78 12.4 7.2 10.8#

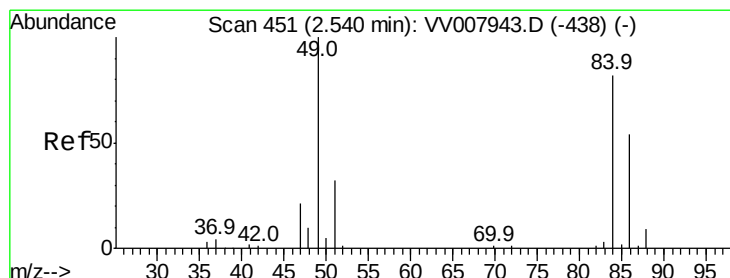
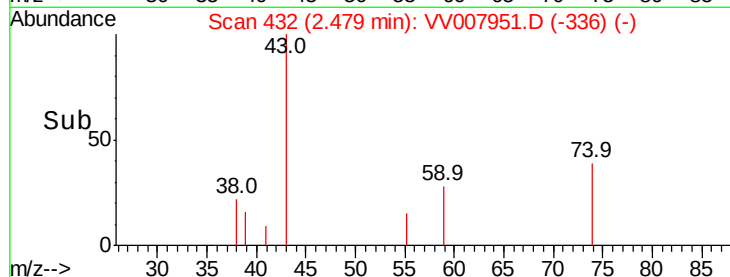
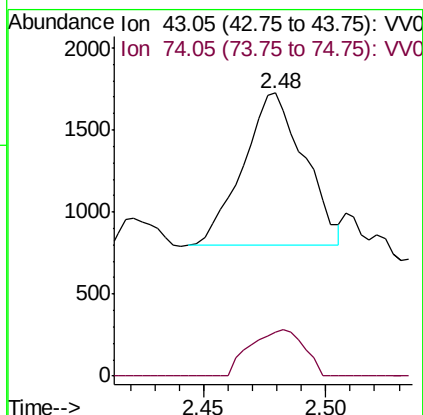
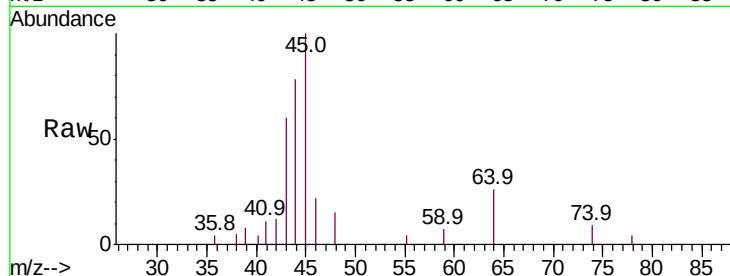




#15
Methvl Acetate
Concen: 0.600 ug/L
RT: 2.48 min Scan# 432
Delta R.T. 0.01 min
Lab File: VV007951.D
Acq: 28 Sep 2018 14:01

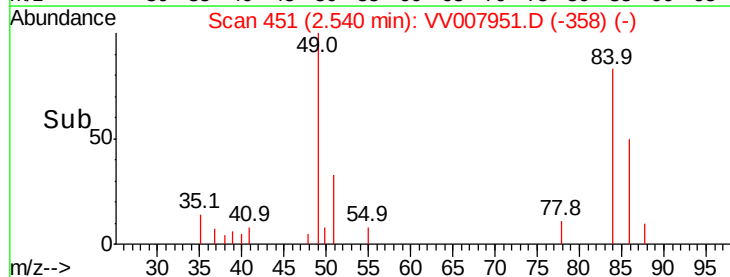
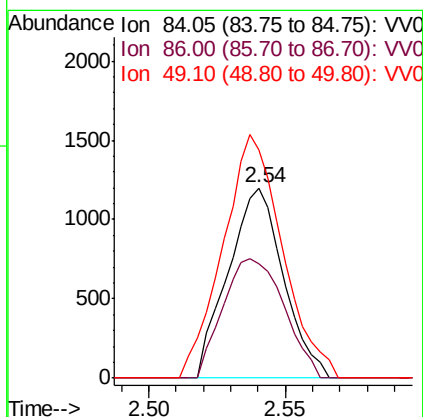
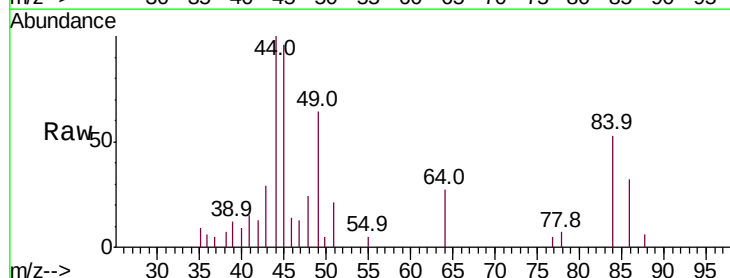
Instrument :
MSVOA_V
ClientSampleId :
GAC05DL

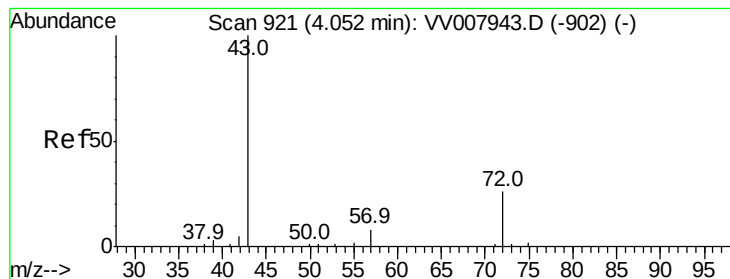
Tot Ion: 43 Resp: 1622
Ion Ratio Lower Upper
43 100
74 26.8 19.5 29.3



#16
Methylene chloride
Concen: 0.255 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV007951.D
Acq: 28 Sep 2018 14:01

Tgt Ion: 84 Resp: 1683
Ion Ratio Lower Upper
84 100
86 60.0 47.3 87.8
49 130.0 90.0 167.2





#21

2-Butanone

Concen: 27.407 ug/L

RT: 4.16 min Scan# 954

Delta R.T. 0.11 min

Lab File: VV007951.D

Acq: 28 Sep 2018 14:01

Instrument :

MSVOA_V

ClientSampleId :

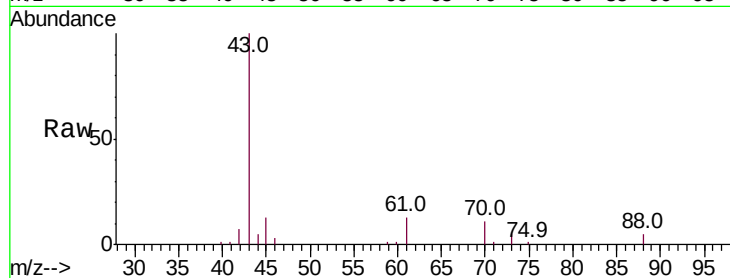
GAC05DL

Tot Ion: 43 Resp: 46171

Ion Ratio Lower Upper

43 100

72 0.4 12.5 37.5#



Abundance Ion 43.05 (42.75 to 43.75): VV007943.D (-902) (-)

Ion 72.10 (71.80 to 72.80): VV007943.D (-902) (-)

4.16

15000

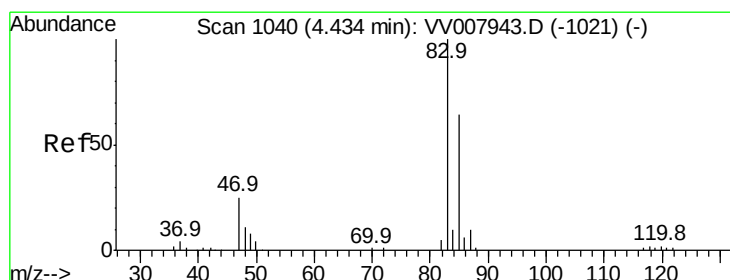
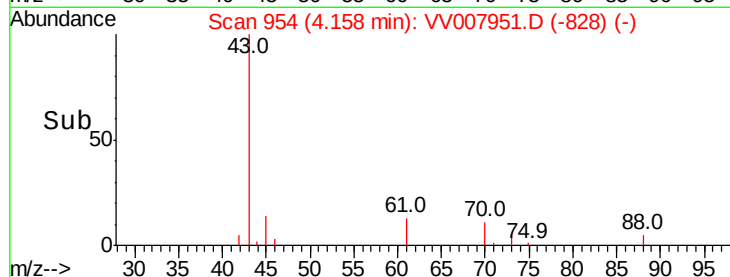
10000

5000

0

4.10 4.20 4.30

Time-->



#25

Chloroform

Concen: 0.492 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VV007951.D

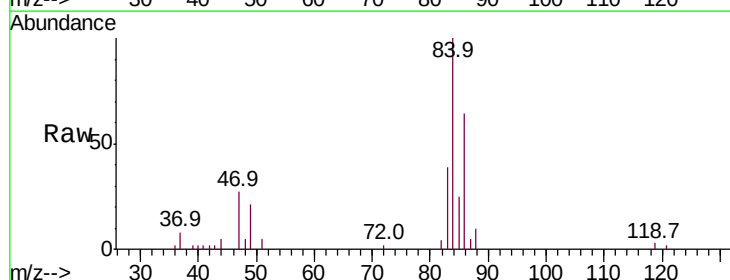
Acq: 28 Sep 2018 14:01

Tgt Ion: 83 Resp: 5957

Ion Ratio Lower Upper

83 100

85 63.3 44.8 83.2



Abundance Ion 83.05 (82.75 to 83.75): VV007943.D (-1021) (-)

Ion 85.00 (84.70 to 85.70): VV007943.D (-1021) (-)

4.43

2500

2000

1500

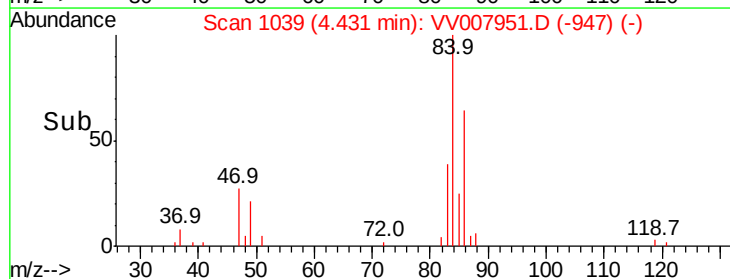
1000

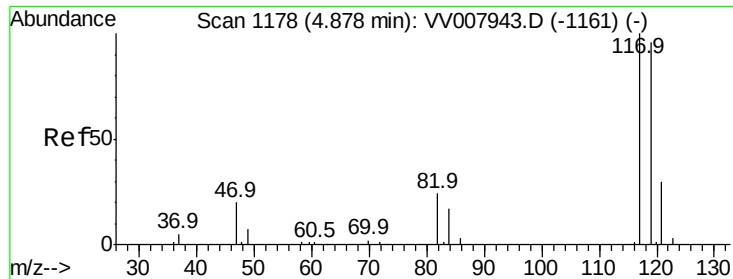
500

0

4.35 4.40 4.45 4.50

Time-->

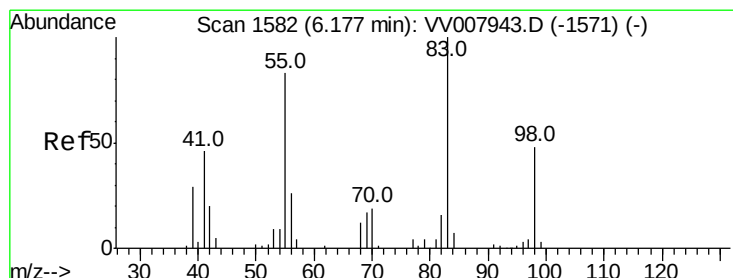
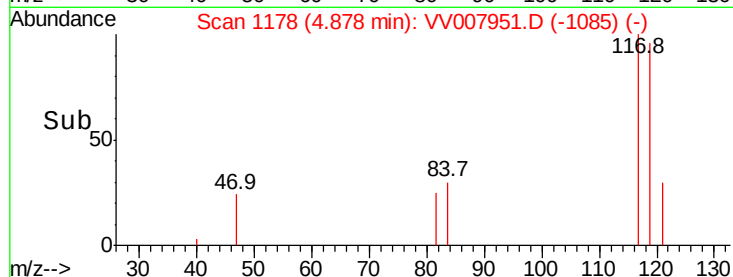
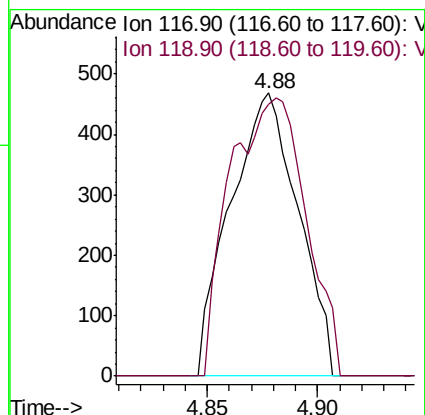
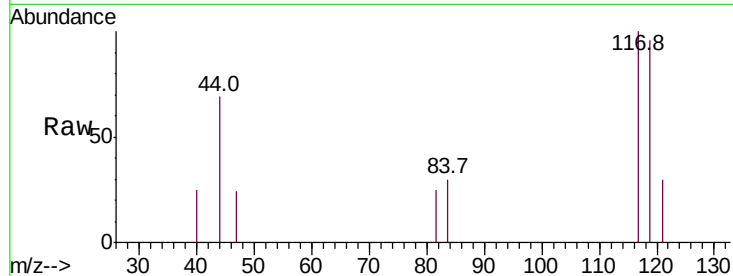




#31
Carbon tetrachloride
Concen: 0.112 ug/L
RT: 4.88 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VV007951.D
Acq: 28 Sep 2018 14:01

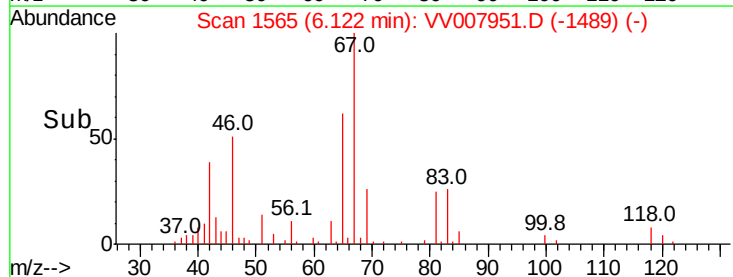
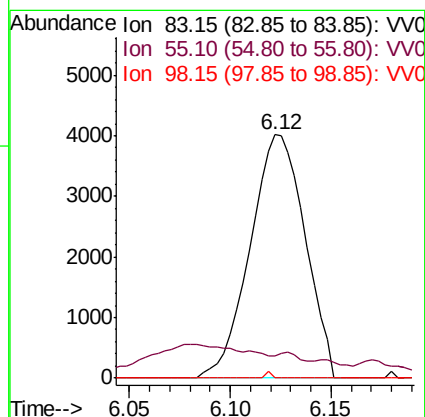
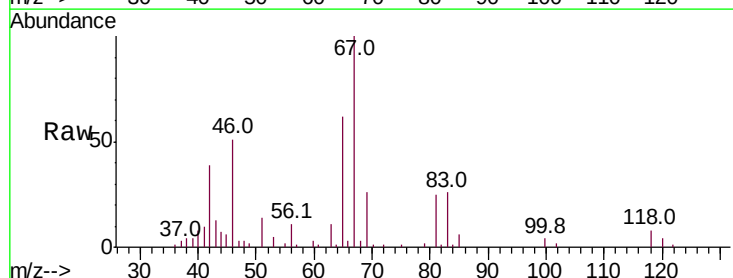
Instrument :
MSVOA_V
ClientSampleId :
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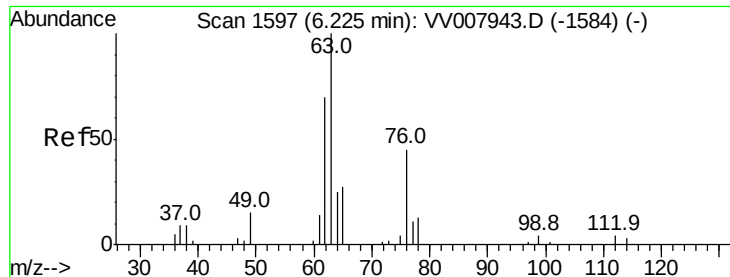
Tot Ion:117 Resp: 998
Ion Ratio Lower Upper
117 100
119 110.3 77.8 116.8



#35
Methylcyclohexane
Concen: 0.732 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV007951.D
Acq: 28 Sep 2018 14:01

Tgt Ion: 83 Resp: 7591
Ion Ratio Lower Upper
83 100
55 1.3 62.2 93.2#
98 0.3 38.0 57.0#

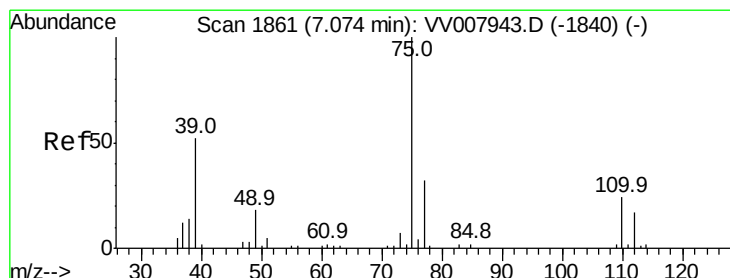
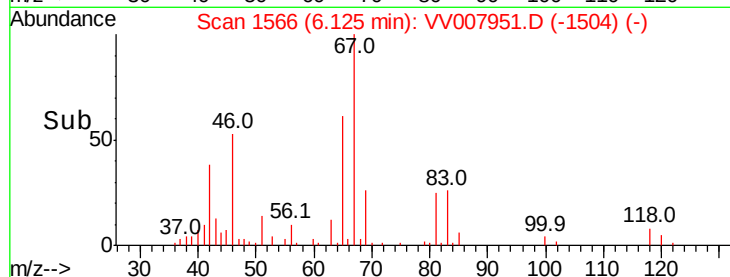
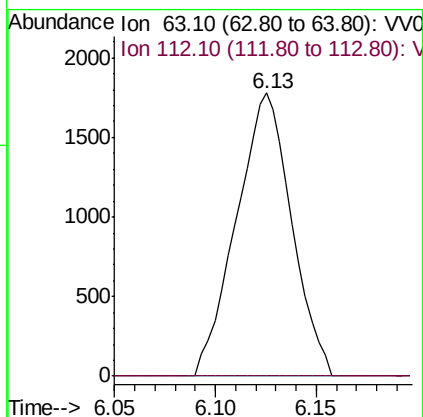
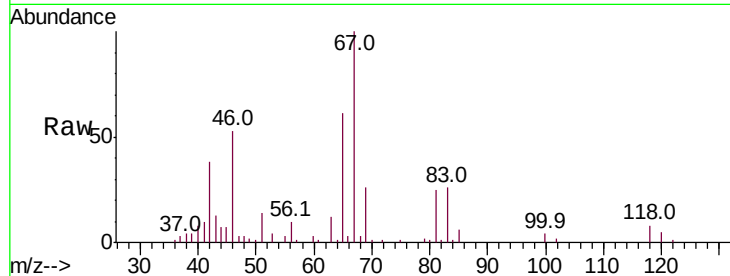




#37
 1,2-Dichloropropane
 Concen: 0.551 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.10 min
 Lab File: VV007951.D
 Acq: 28 Sep 2018 14:01

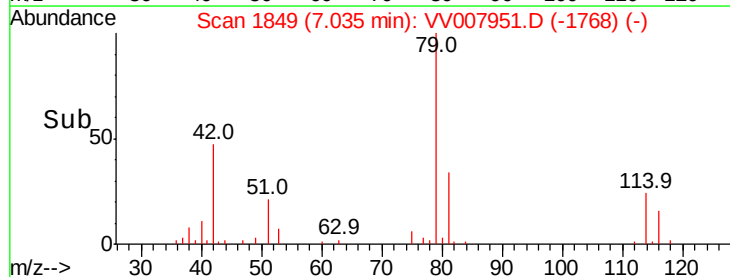
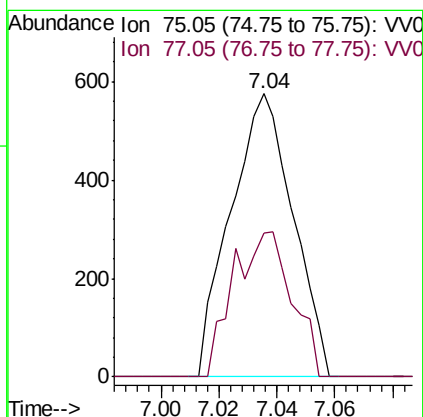
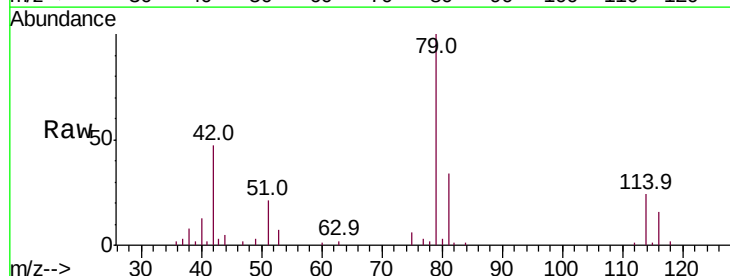
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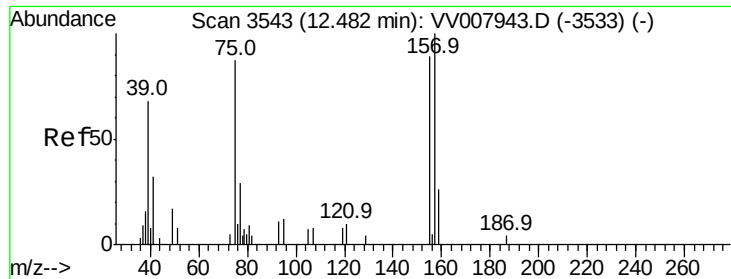
Tot Ion: 63 Resp: 3399
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV007951.D
 Acq: 28 Sep 2018 14:01

Tgt Ion: 75 Resp: 858
 Ion Ratio Lower Upper
 75 100
 77 50.8 22.9 42.5#





#66

1,2-Dibromo-3-chloropropane

Concen: 0.153 ug/L

RT: 12.30 min Scan# 3487

Delta R.T. -0.18 min

Lab File: VV007951.D

Acq: 28 Sep 2018 14:01

Instrument :

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ClientSampleId :

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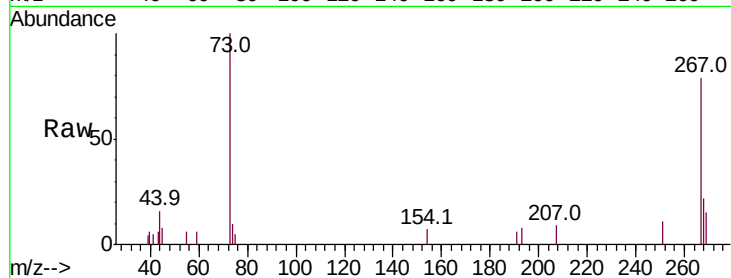
Tot Ion: 75 Resp: 109

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

