

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007936.D
 Acq On : 28 Sep 2018 04:30
 Operator : SY/MD
 Sample : J5062-06
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 04:52:39 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	85730	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	84307	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44151	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20903	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.58	69	18764	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.13	63	34345	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	3.99	46	58238	42.13	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.26%
24) Chloroform-d	4.41	84	49685	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.09	65	27007	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.10	84	94491	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.12	67	29766	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.36	98	91892	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.67	79	10185	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.14	63	56378	51.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.98%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22718	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	41092	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

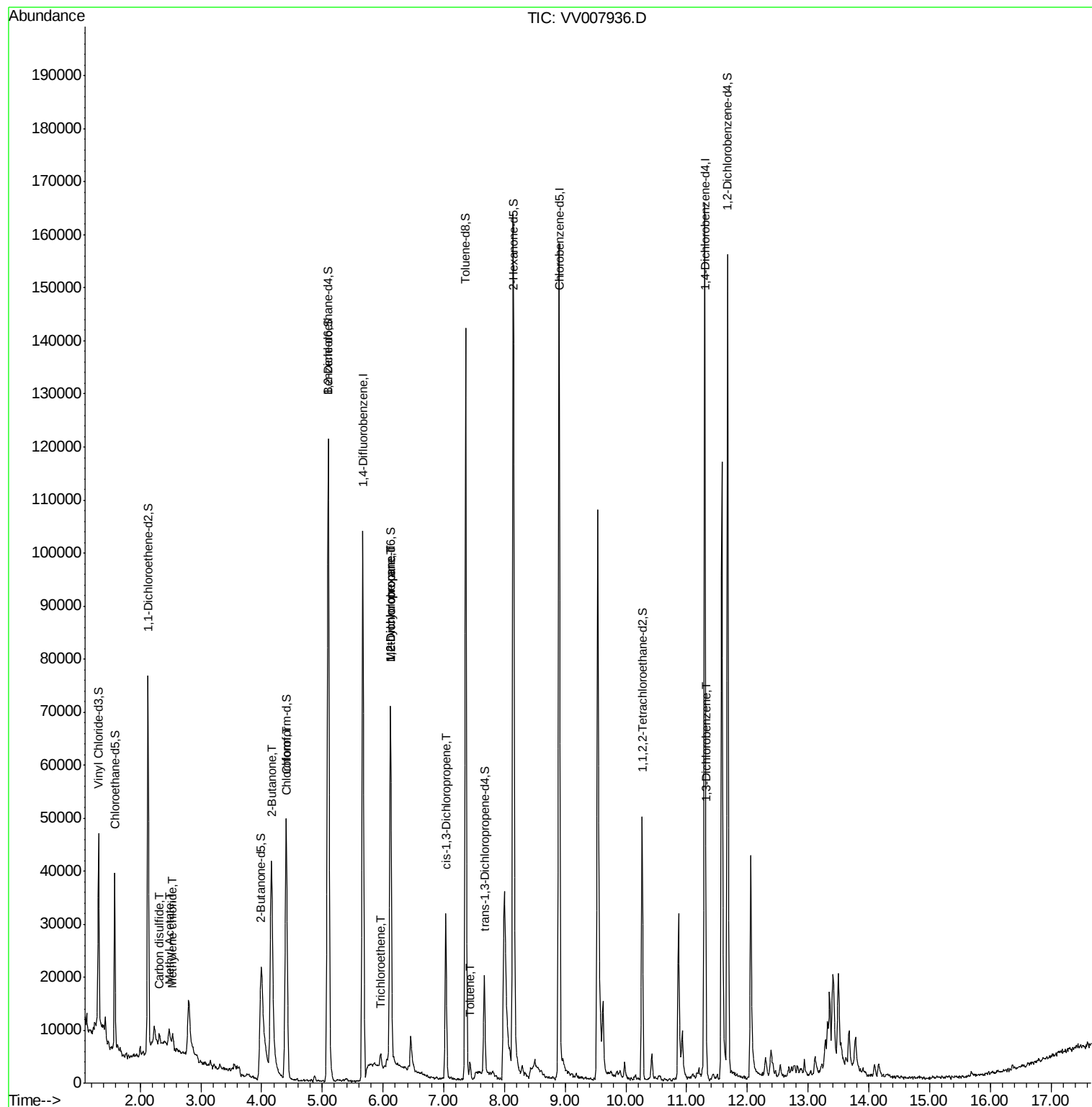
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
14) Carbon disulfide	2.32	76	1355	0.088	ug/L #	74
15) Methyl Acetate	2.48	43	4560	1.770	ug/L #	89
16) Methylene chloride	2.54	84	777	0.123	ug/L	90
21) 2-Butanone	4.16	43	76749	47.829	ug/L #	50
25) Chloroform	4.42	83	935	0.081	ug/L #	49
34) Trichloroethene	5.96	95	992	0.144	ug/L	97
35) Methylcyclohexane	6.12	83	7293	0.704	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	3563	0.578	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	752	0.091	ug/L #	53
42) Toluene	7.43	91	2266	0.086	ug/L	90
62) 1,3-Dichlorobenzene	11.32	146	1114	0.076	ug/L #	92

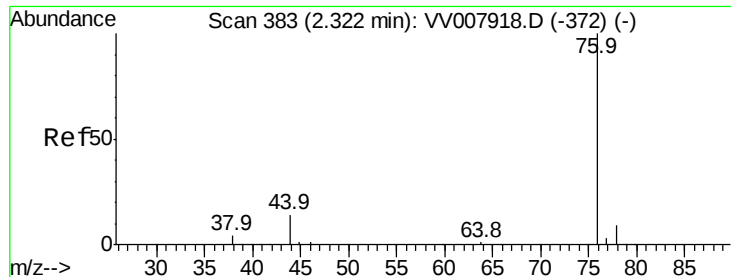
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

Quant Time: Sep 28 04:52:39 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





#14

Carbon disulfide

Concen: 0.088 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.01 min

Lab File: VV007936.D

Acq: 28 Sep 2018 04:30

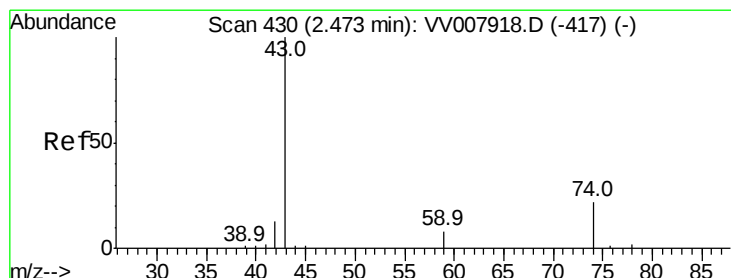
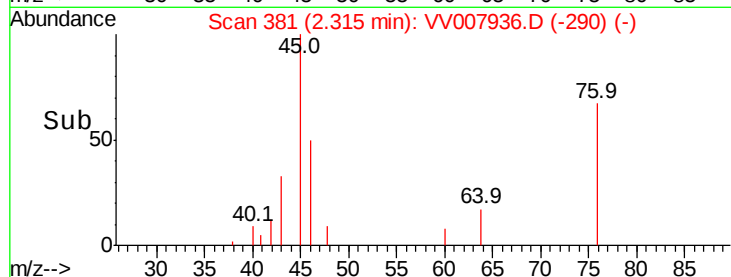
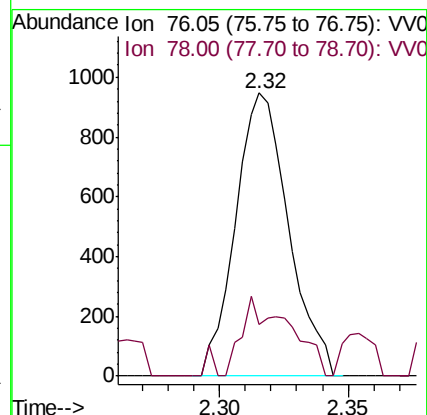
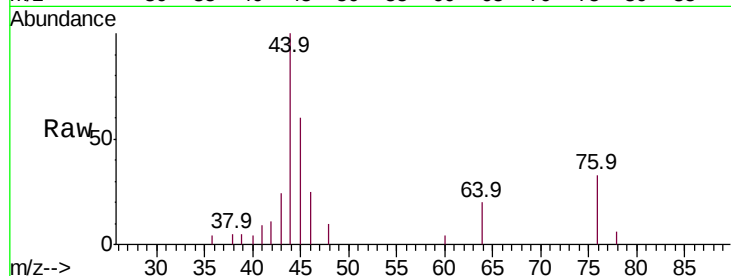
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 76 Resp: 1355

Ion Ratio Lower Upper

76 100

78 18.3 7.2 10.8#



#15

Methyl Acetate

Concen: 1.770 ug/L

RT: 2.48 min Scan# 433

Delta R.T. 0.01 min

Lab File: VV007936.D

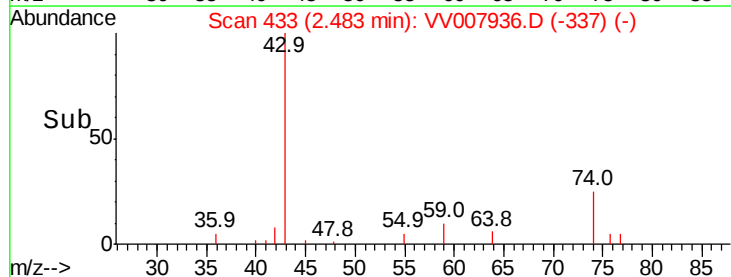
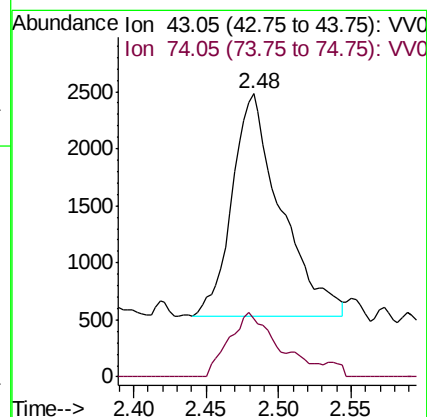
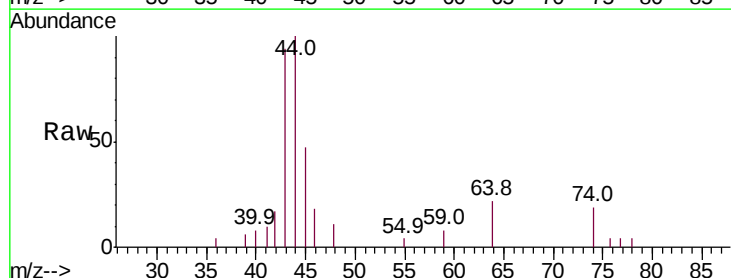
Acq: 28 Sep 2018 04:30

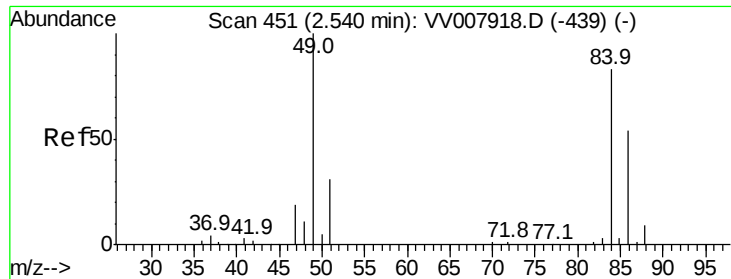
Tgt Ion: 43 Resp: 4560

Ion Ratio Lower Upper

43 100

74 30.0 19.5 29.3#

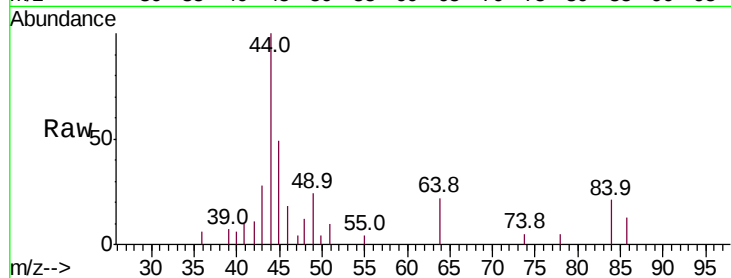




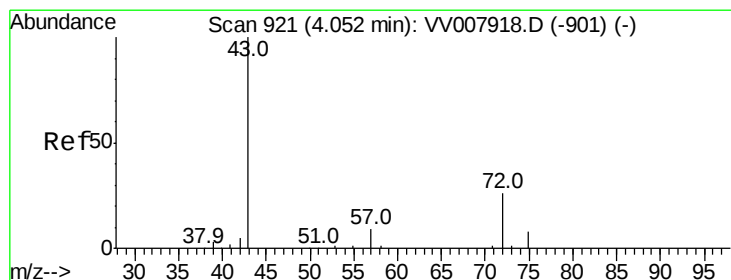
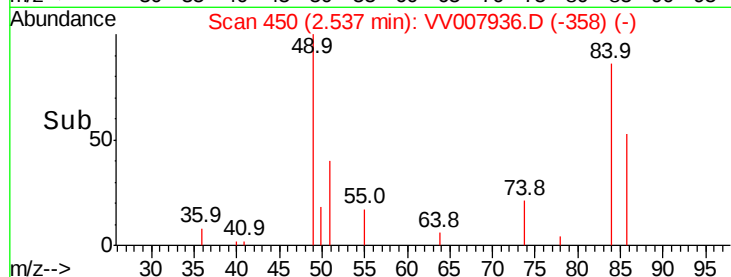
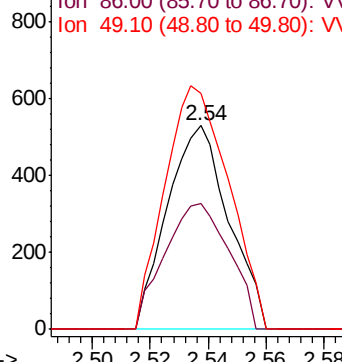
#16
Methvlene chloride
Concen: 0.123 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV007936.D
Acq: 28 Sep 2018 04:30

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp: 777
Ion Ratio Lower Upper
84 100
86 61.9 47.3 87.8
49 115.9 90.0 167.2

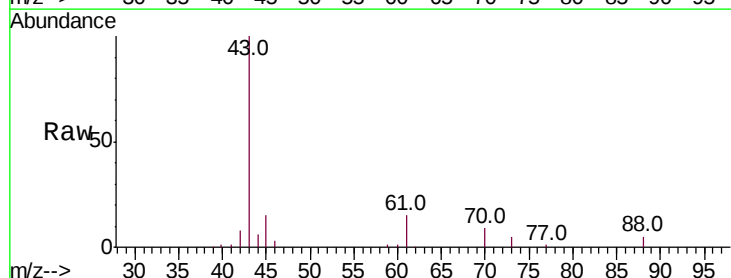


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

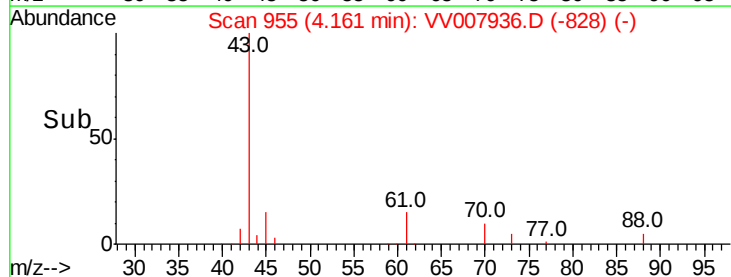
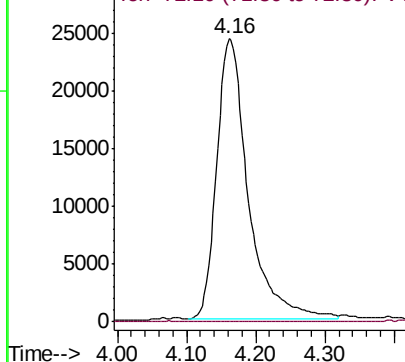


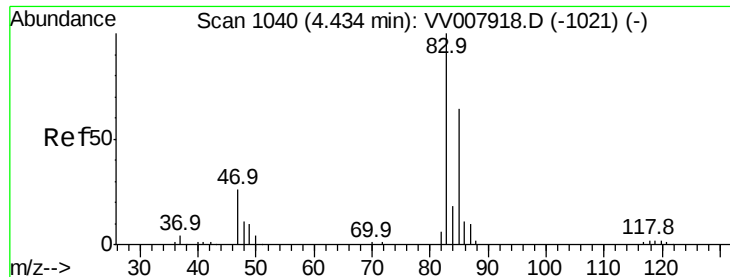
#21
2-Butanone
Concen: 47.829 ug/L
RT: 4.16 min Scan# 955
Delta R.T. 0.11 min
Lab File: VV007936.D
Acq: 28 Sep 2018 04:30

Tgt Ion: 43 Resp: 76749
Ion Ratio Lower Upper
43 100
72 0.0 12.5 37.5#



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 72.10 (71.80 to 72.80): VV0

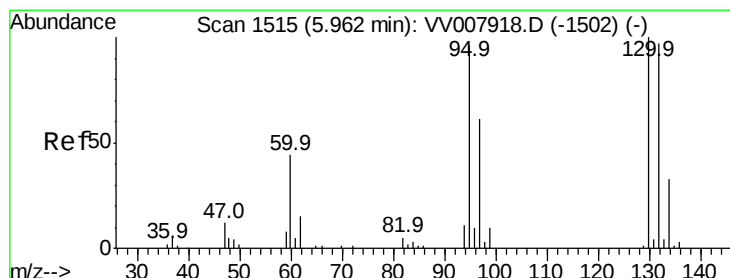
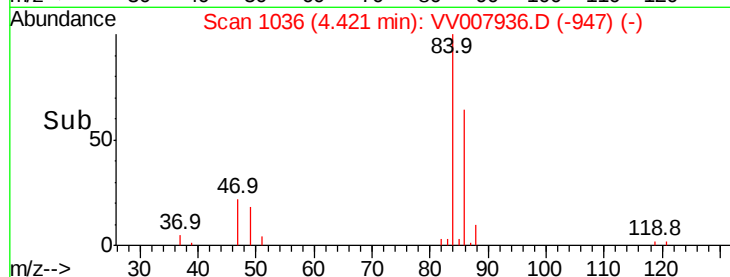
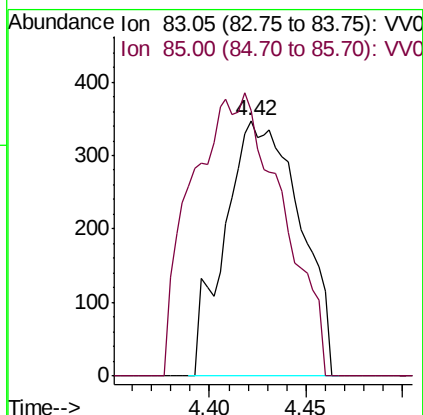
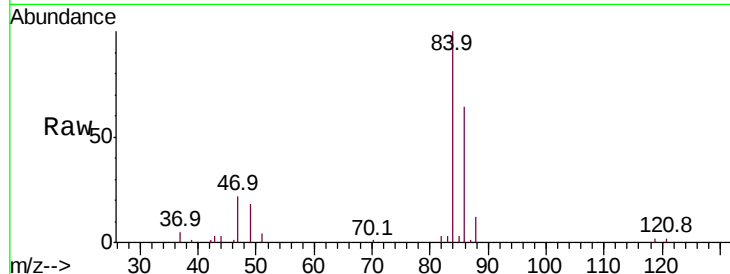




#25
Chloroform
Concen: 0.081 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VV007936.D
Acq: 28 Sep 2018 04:30

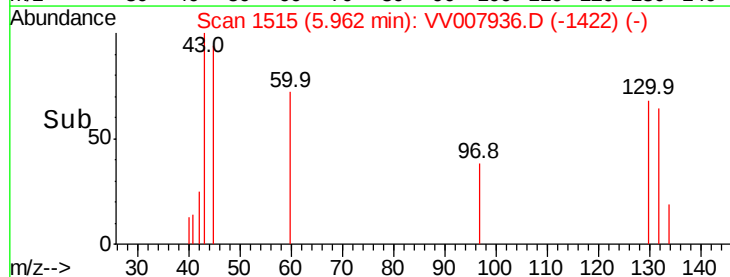
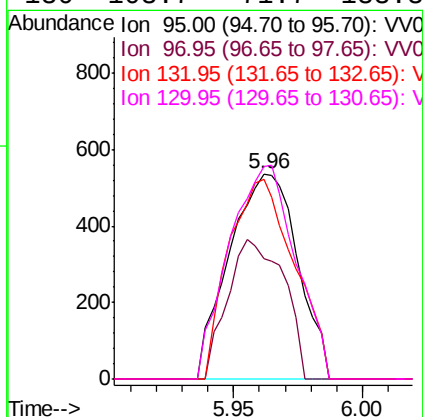
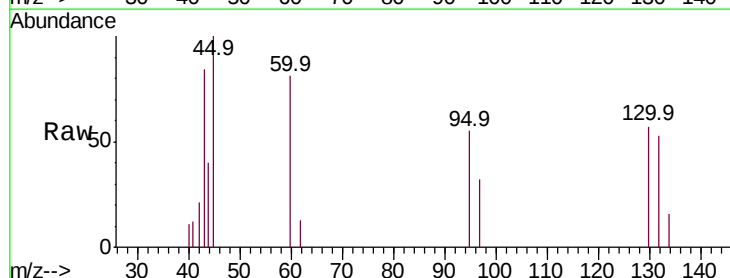
Instrument :
MSVOA_V
ClientSampleId :

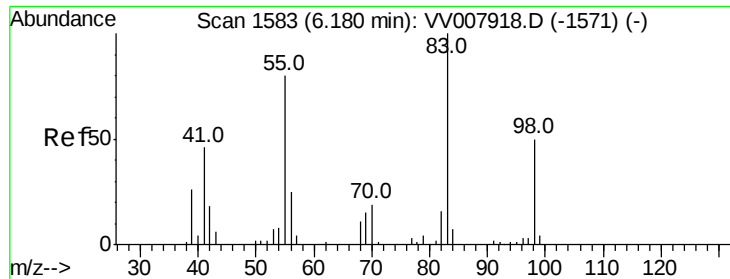
Tot Ion: 83 Resp: 935
Ion Ratio Lower Upper
83 100
85 104.0 44.8 83.2#



#34
Trichloroethene
Concen: 0.144 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV007936.D
Acq: 28 Sep 2018 04:30

Tgt Ion: 95 Resp: 992
Ion Ratio Lower Upper
95 100
97 58.5 43.6 81.0
132 97.2 69.9 129.9
130 103.7 71.7 133.3

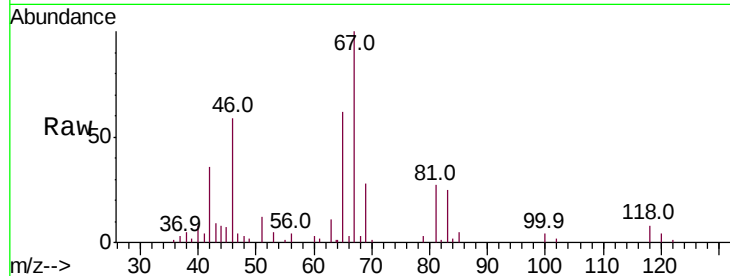




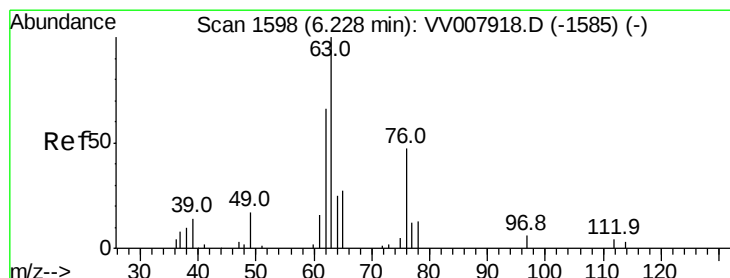
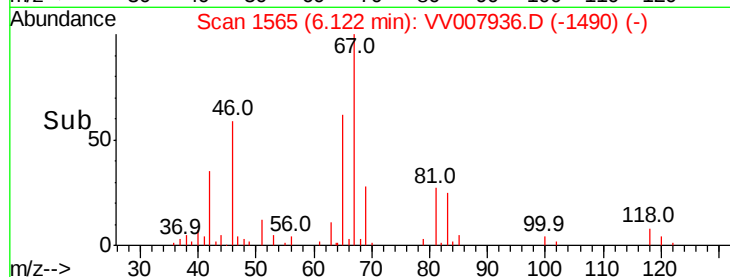
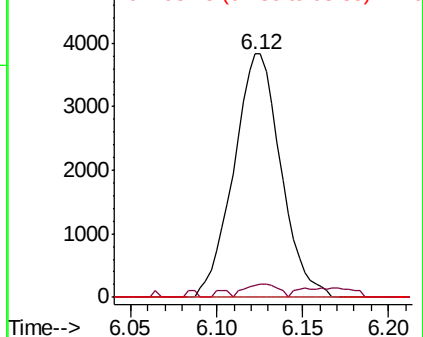
#35
Methvlcvclohexane
Concen: 0.704 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV007936.D
Acq: 28 Sep 2018 04:30

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 7293
Ion Ratio Lower Upper
83 100
55 3.8 62.2 93.2#
98 0.0 38.0 57.0#

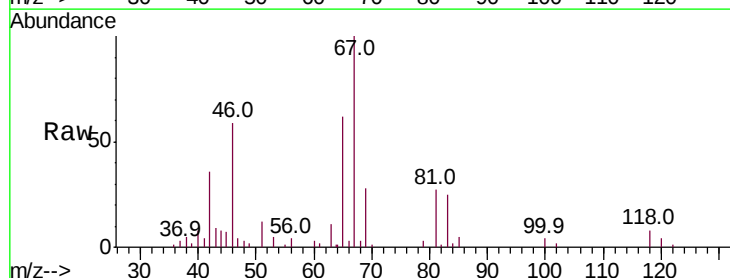


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

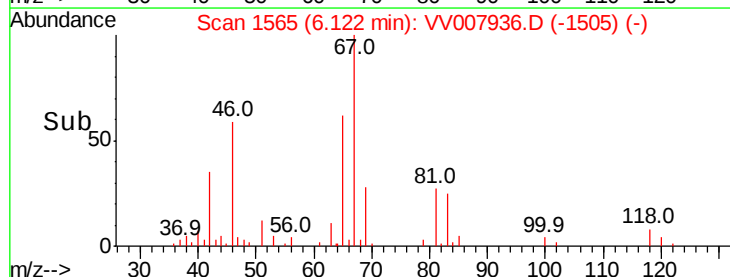
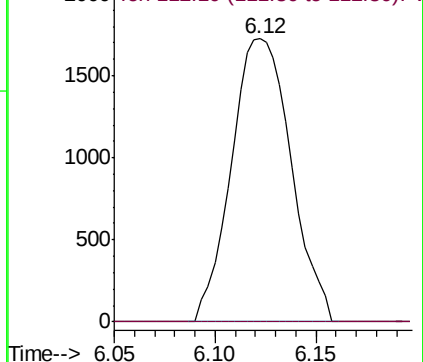


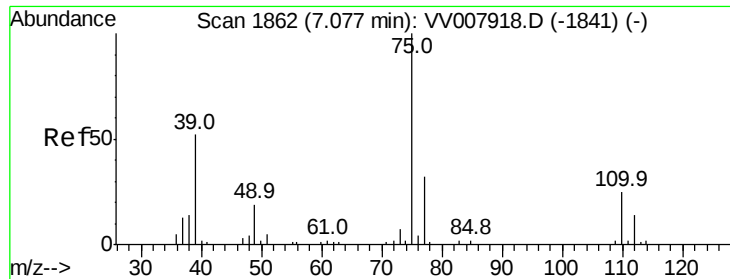
#37
1,2-Dichloropropane
Concen: 0.578 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.11 min
Lab File: VV007936.D
Acq: 28 Sep 2018 04:30

Tgt Ion: 63 Resp: 3563
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV007936.D

Acq: 28 Sep 2018 04:30

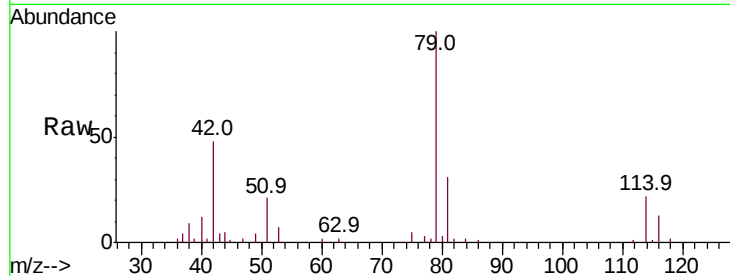
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 752

Ion Ratio Lower Upper

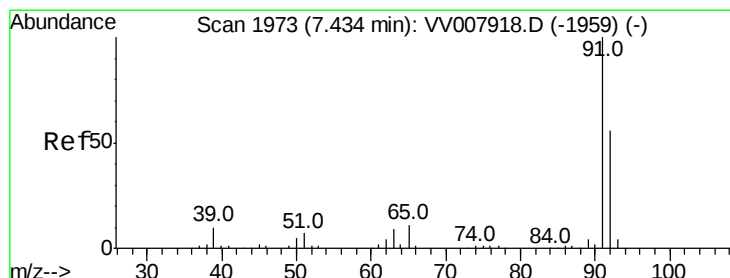
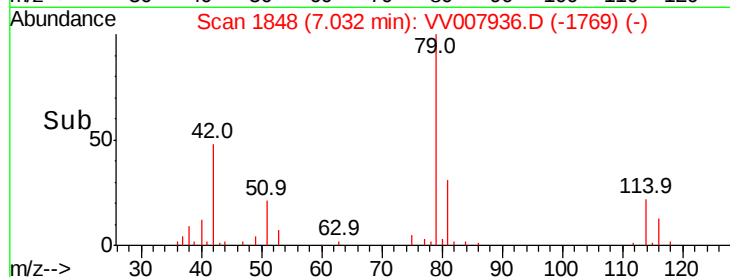
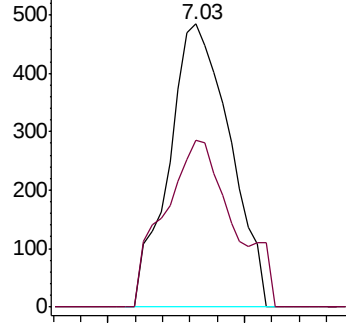
75 100

77 58.9 22.9 42.5#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#42

Toluene

Concen: 0.086 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV007936.D

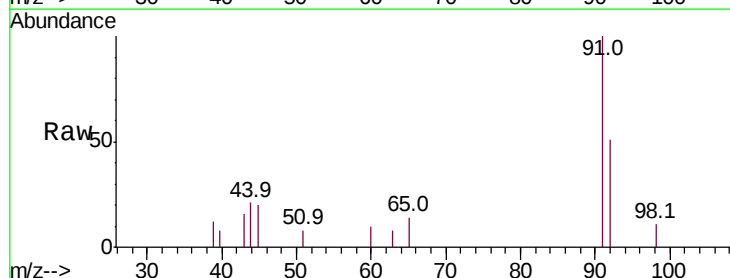
Acq: 28 Sep 2018 04:30

Tgt Ion: 91 Resp: 2266

Ion Ratio Lower Upper

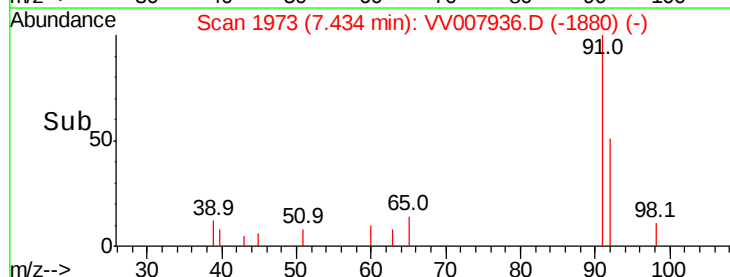
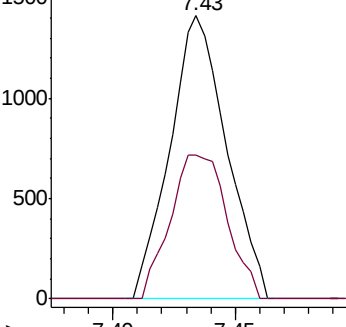
91 100

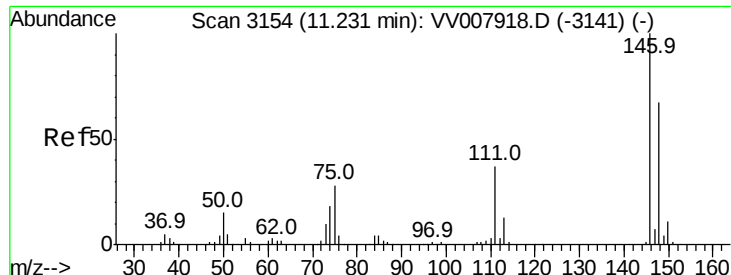
92 50.6 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#62

1,3-Dichlorobenzene

Concen: 0.076 ug/L

RT: 11.32 min Scan# 3183

Delta R.T. 0.09 min

Lab File: VV007936.D

Acq: 28 Sep 2018 04:30

Instrument :

MSVOA_V

ClientSampleId :

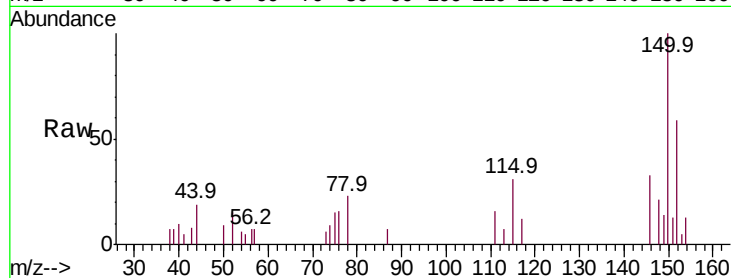
Tot Ion:146 Resp: 1114

Ion Ratio Lower Upper

146 100

111 49.1 25.8 48.0#

148 64.5 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

