

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092818\
 Data File : VV007955.D
 Acq On : 28 Sep 2018 15:50
 Operator : SY/MD
 Sample : J5063-09DL 5X
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAC30DL

Quant Time: Oct 01 01:54:06 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	93027	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	88563	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43903	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19585	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.59	69	19103	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.14	63	33401	2.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	3.97	46	70144	46.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.52%
24) Chloroform-d	4.41	84	50070	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.09	65	28335	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	5.10	84	95887	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.13	67	30689	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.36	98	89498	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	7.67	79	9791	3.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.80%
46) 2-Hexanone-d5	8.14	63	53047	46.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.14%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23026	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	38451	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

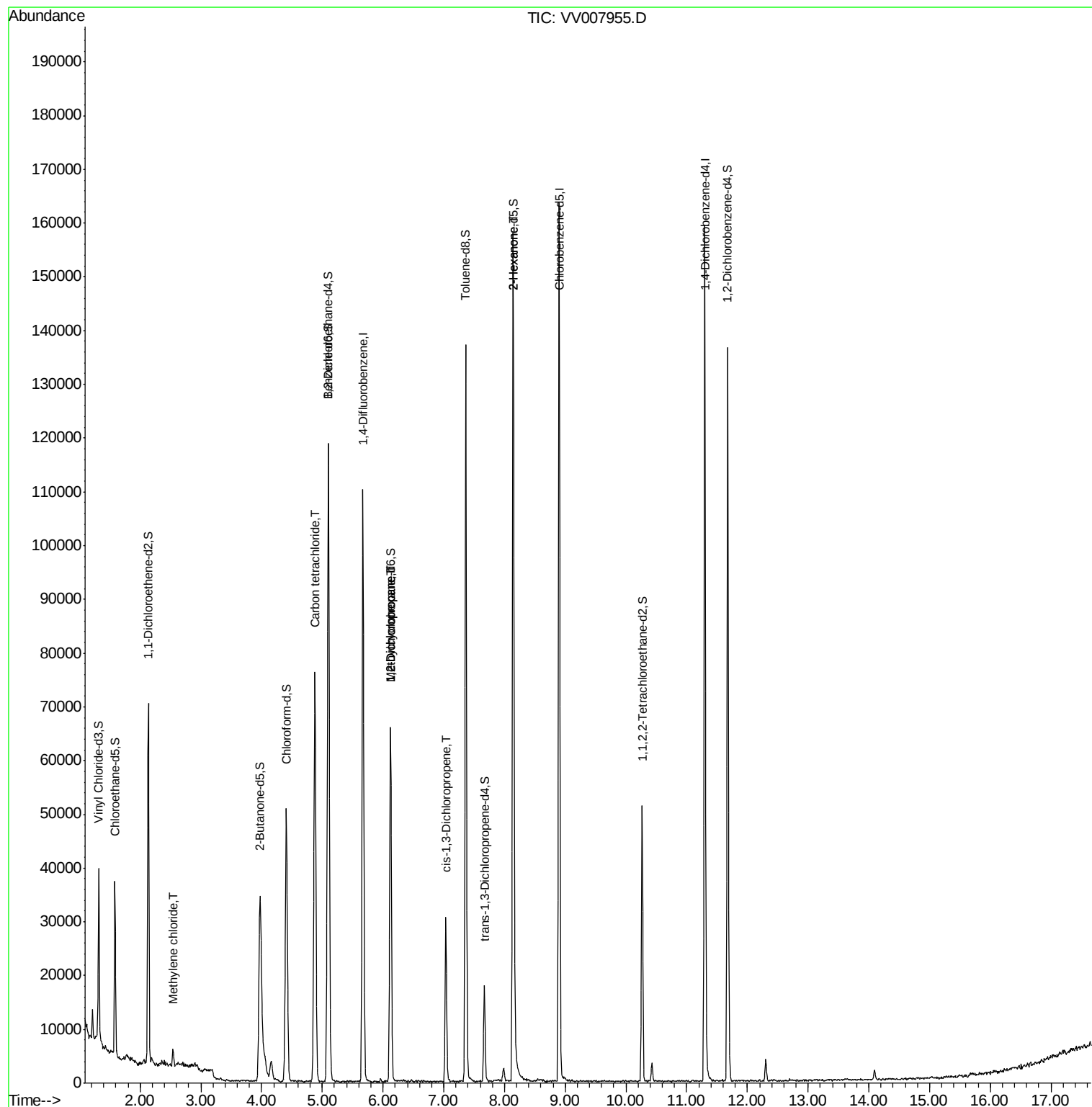
					Ovalue
16) Methylene chloride	2.54	84	1074	0.157 ug/L	97
31) Carbon tetrachloride	4.88	117	55918	5.956 ug/L	97
35) Methylcyclohexane	6.13	83	7416	0.681 ug/L #	18
37) 1,2-Dichloropropane	6.13	63	3703	0.572 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	736	0.085 ug/L #	43
48) 2-Hexanone	8.14	43	7123	2.519 ug/L #	74

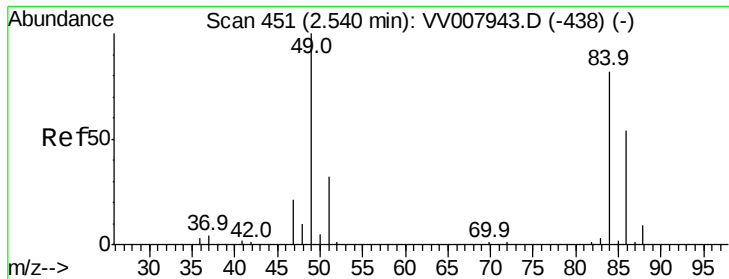
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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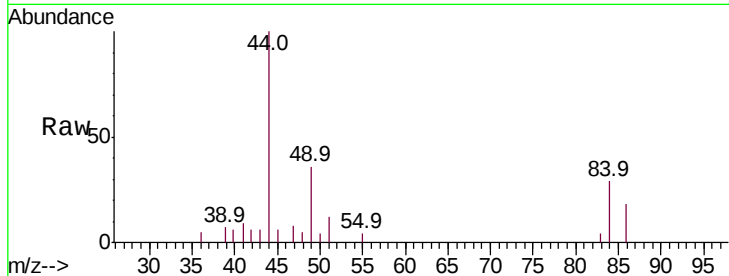




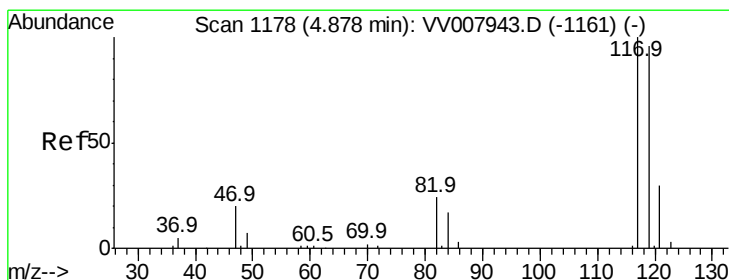
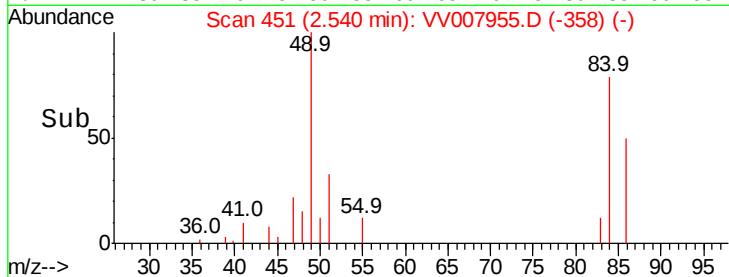
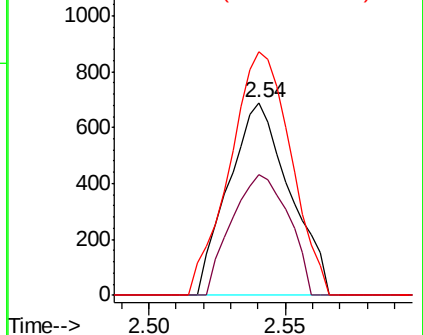
#16
Methvlene chloride
Concen: 0.157 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV007955.D
Acq: 28 Sep 2018 15:50

Instrument :
MSVOA_V
ClientSampleId :
GAC30DL

Tot Ion: 84 Resp: 1074
Ion Ratio Lower Upper
84 100
86 62.7 47.3 87.8
49 126.4 90.0 167.2

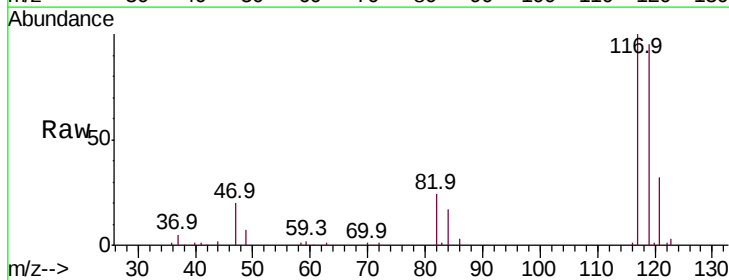


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

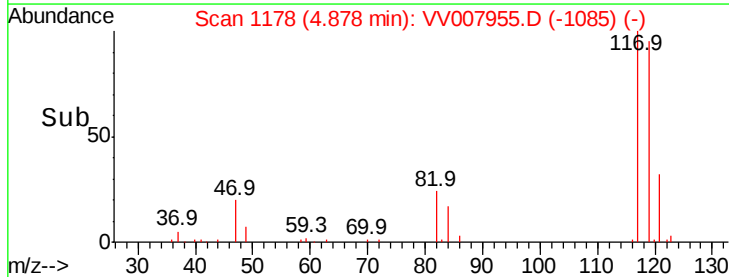
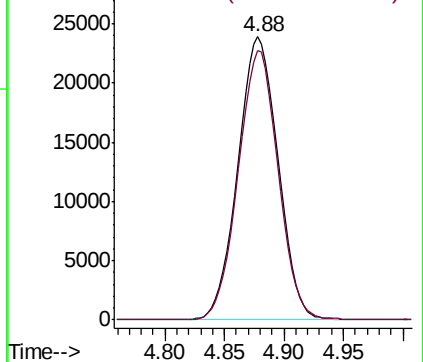


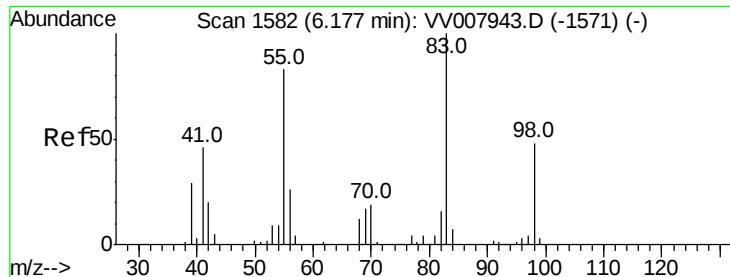
#31
Carbon tetrachloride
Concen: 5.956 ug/L
RT: 4.88 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VV007955.D
Acq: 28 Sep 2018 15:50

Tgt Ion: 117 Resp: 55918
Ion Ratio Lower Upper
117 100
119 94.5 77.8 116.8



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

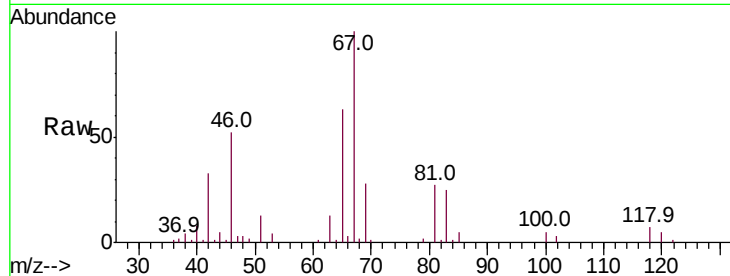




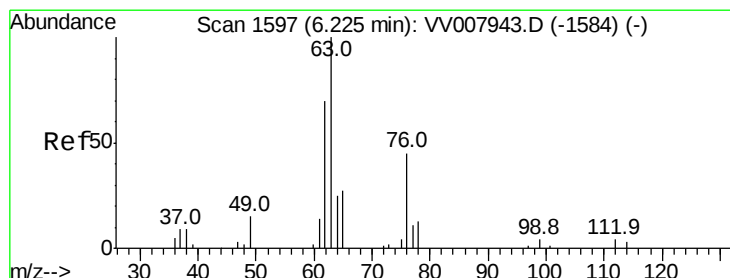
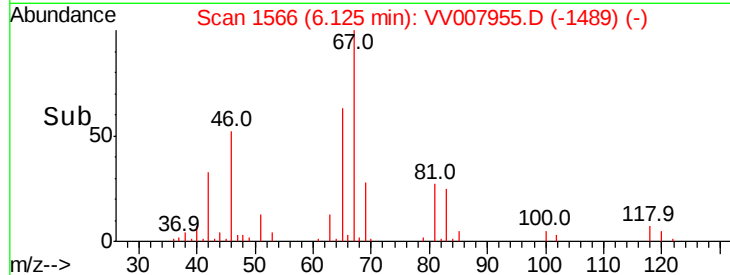
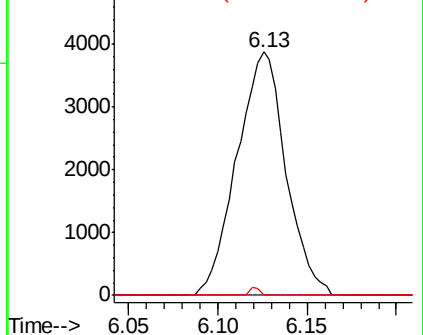
#35
Methvlcvclohexane
Concen: 0.681 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007955.D
Acq: 28 Sep 2018 15:50

Instrument :
MSVOA_V
ClientSampleId :
GAC30DL

Tot Ion: 83 Resp: 7416
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 0.6 38.0 57.0#

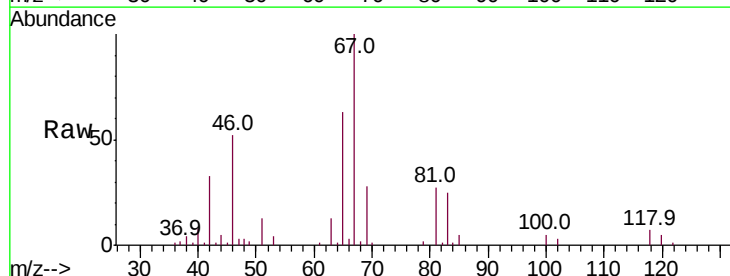


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

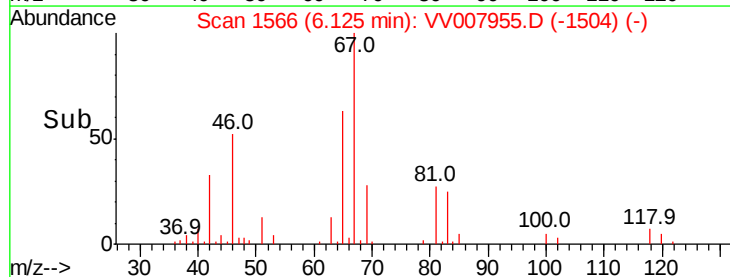
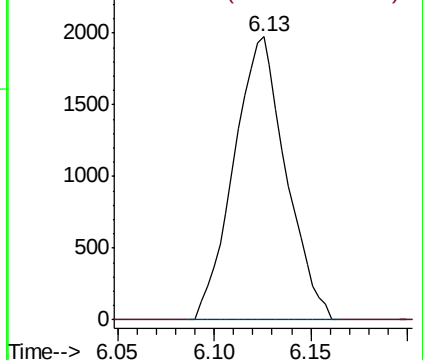


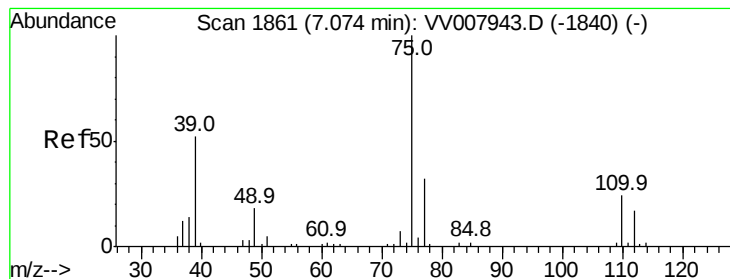
#37
1,2-Dichloropropane
Concen: 0.572 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV007955.D
Acq: 28 Sep 2018 15:50

Tgt Ion: 63 Resp: 3703
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



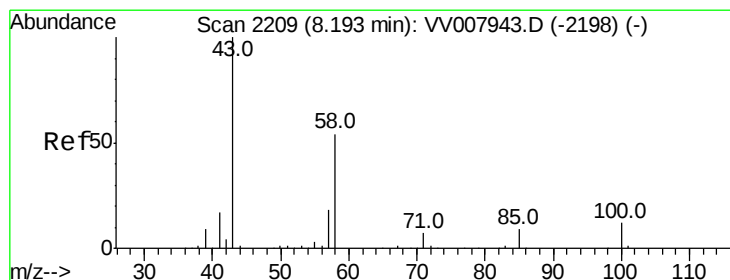
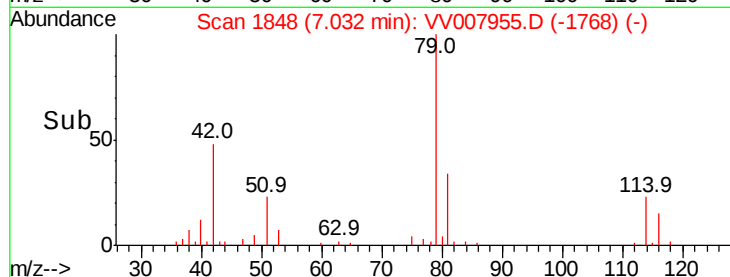
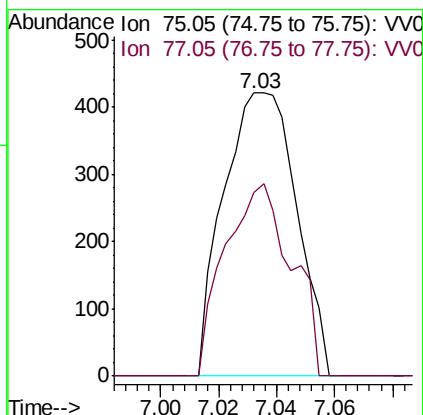
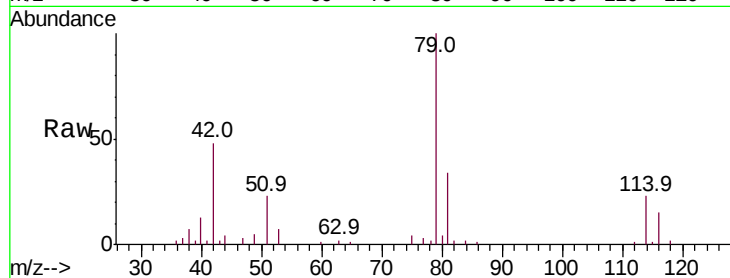


#39

cis-1,3-Dichloropropene
 Concen: 0.085 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV007955.D
 Acq: 28 Sep 2018 15:50

Instrument :
 MSVOA_V
 ClientSampleId :
 GAC30DL

Tot Ion: 75 Resp: 736
 Ion Ratio Lower Upper
 75 100
 77 64.6 22.9 42.5#



#48

2-Hexanone
 Concen: 2.519 ug/L
 RT: 8.14 min Scan# 2193
 Delta R.T. -0.05 min
 Lab File: VV007955.D
 Acq: 28 Sep 2018 15:50

Tgt Ion: 43 Resp: 7123
 Ion Ratio Lower Upper
 43 100
 58 34.9 41.9 62.9#
 57 30.5 14.3 21.5#
 100 0.3 9.2 13.8#

