

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100318\
 Data File : VV008051.D
 Acq On : 03 Oct 2018 15:44
 Operator : SY/MD
 Sample : J5185-13
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 07:55:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 04 07:54:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	81267	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	76372	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38356	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20950	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	1.59	69	20250	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.60%
11) 1,1-Dichloroethene-d2	2.14	63	35388	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	3.96	46	70907	54.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.22%
24) Chloroform-d	4.41	84	53740	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
26) 1,2-Dichloroethane-d4	5.09	65	28422	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.10	84	102220	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.20%
36) 1,2-Dichloropropane-d6	6.13	67	33270	5.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.20%
41) Toluene-d8	7.36	98	94155	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloropropene-	7.67	79	10935	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.14	63	50203	51.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.20%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23361	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	39377	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

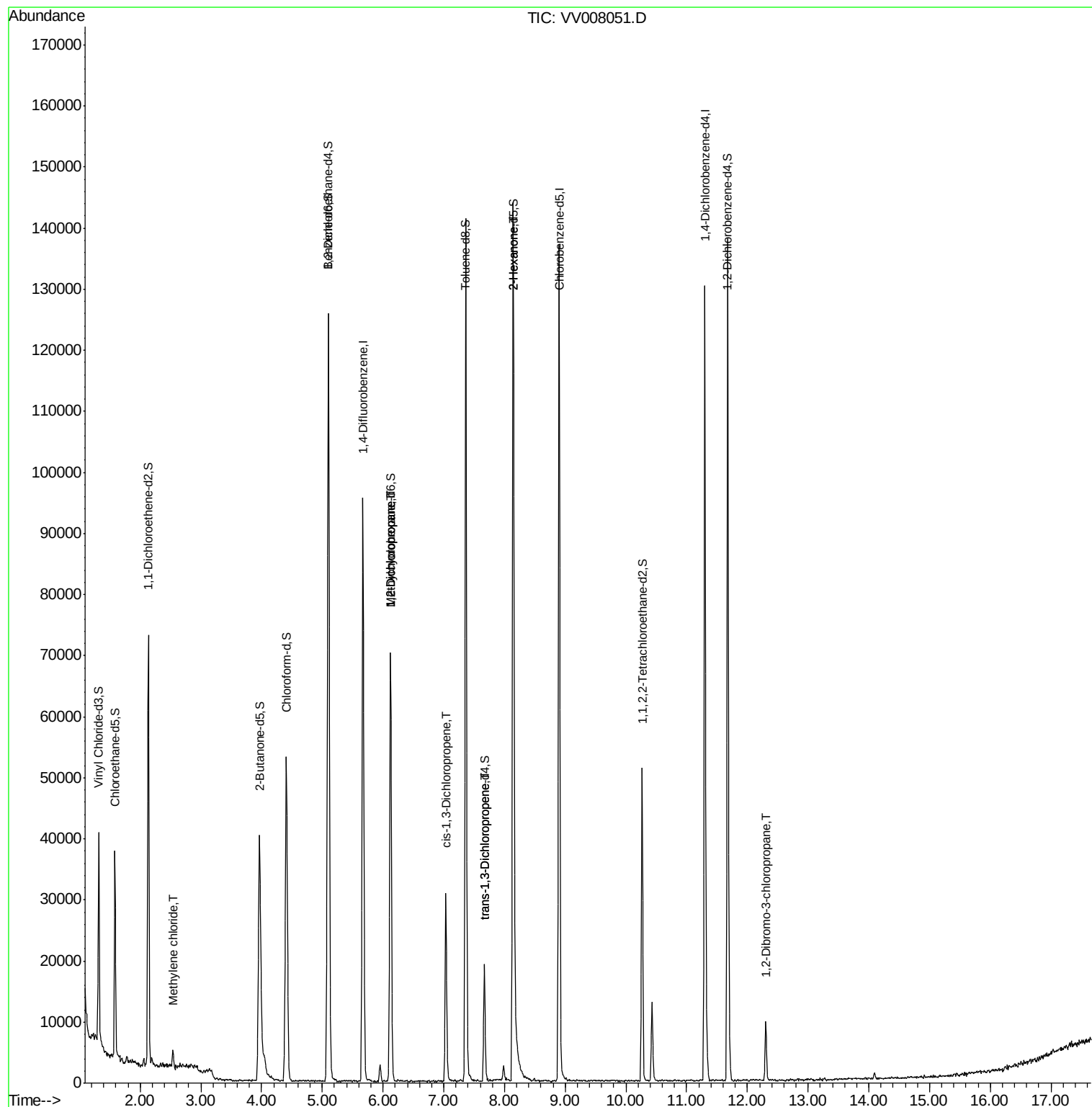
					Ovalue
16) Methylene chloride	2.54	84	1049	0.176 ug/L	93
35) Methylcyclohexane	6.12	83	8183	0.871 ug/L #	18
37) 1,2-Dichloropropane	6.13	63	3712	0.664 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	780	0.104 ug/L #	61
44) trans-1,3-Dichloropropene	7.66	75	504	0.081 ug/L	85
48) 2-Hexanone	8.14	43	6890	2.825 ug/L #	75
66) 1,2-Dibromo-3-chloropropan	12.30	75	195	0.321 ug/L #	1

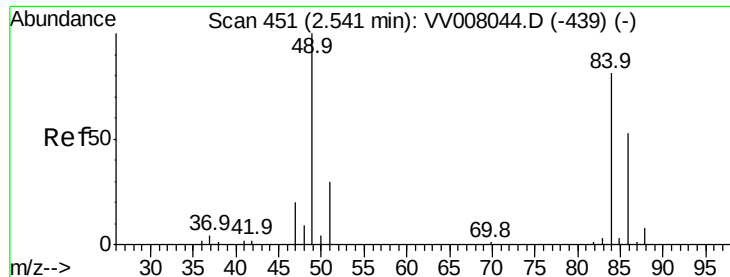
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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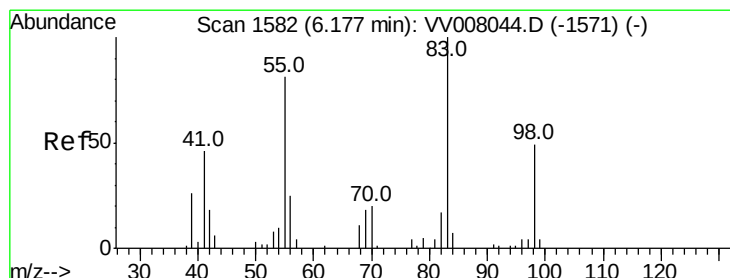
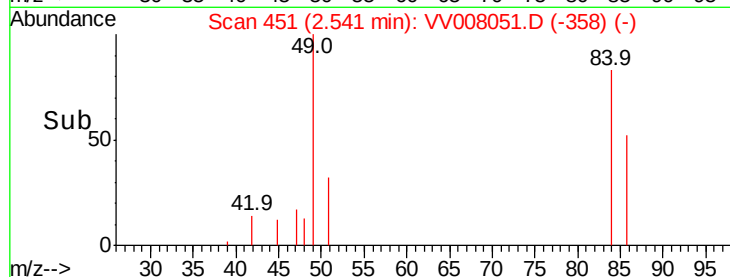
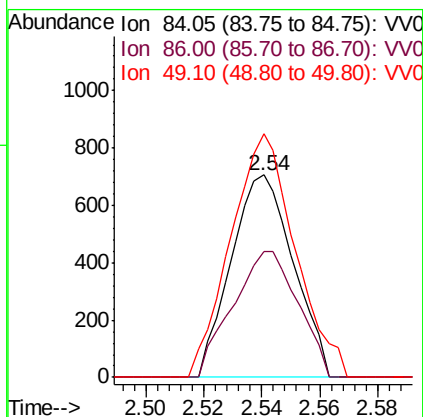
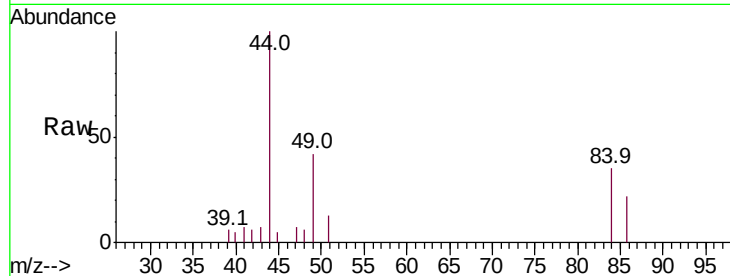




#16
Methvlene chloride
Concen: 0.176 ug/L
RT: 2.54 min Scan# 451
Delta R.T. -0.00 min
Lab File: VV008051.D
Acq: 03 Oct 2018 15:44

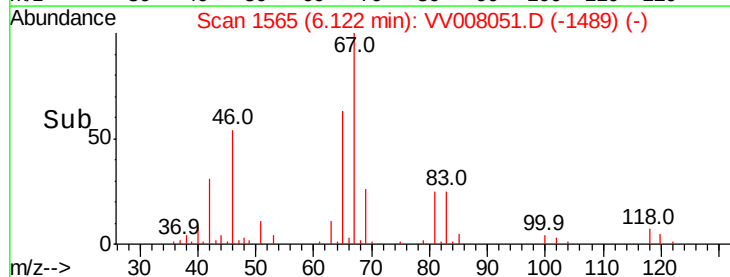
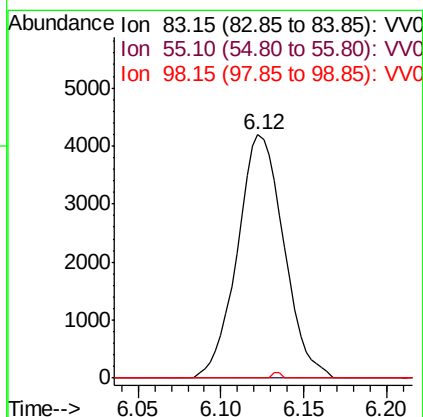
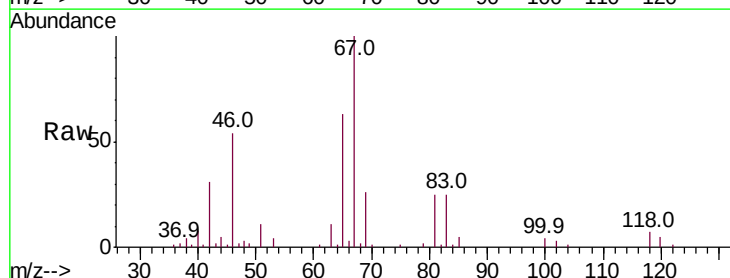
Instrument :
MSVOA_V
ClientSampled :

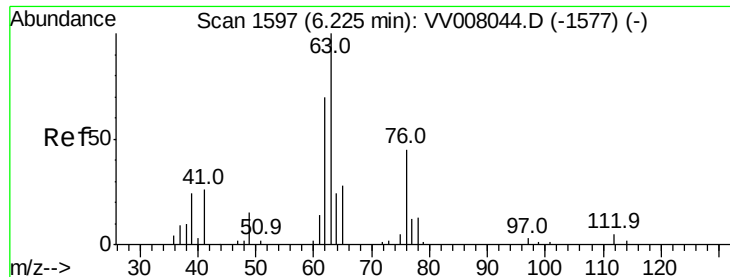
Tot Ion: 84 Resp: 1049
Ion Ratio Lower Upper
84 100
86 62.3 47.3 87.8
49 120.3 90.0 167.2



#35
Methylcyclohexane
Concen: 0.871 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008051.D
Acq: 03 Oct 2018 15:44

Tgt Ion: 83 Resp: 8183
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 0.5 38.0 57.0#

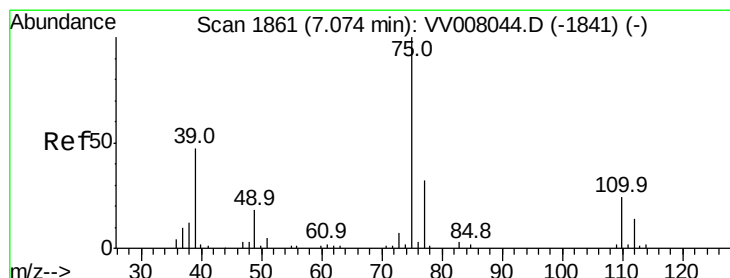
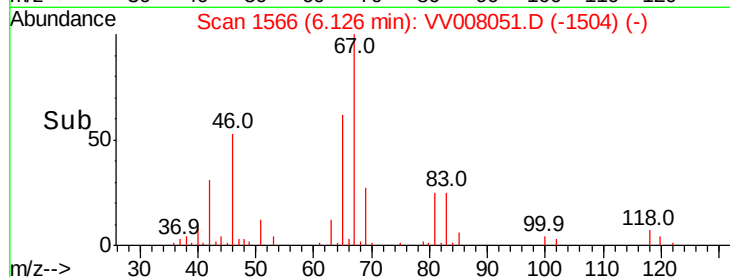
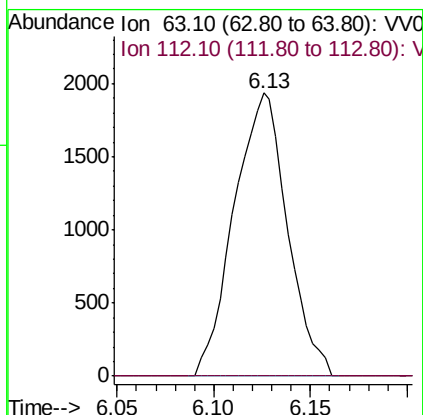
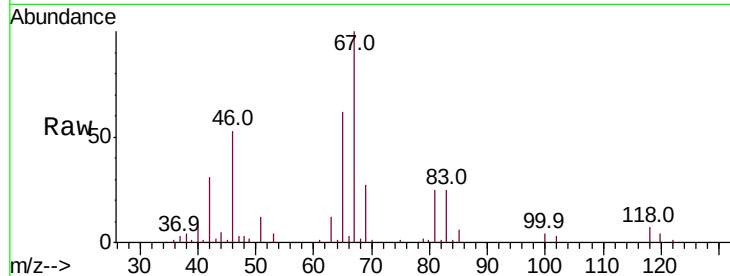




#37
 1,2-Dichloropropane
 Concen: 0.664 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.10 min
 Lab File: VV008051.D
 Acq: 03 Oct 2018 15:44

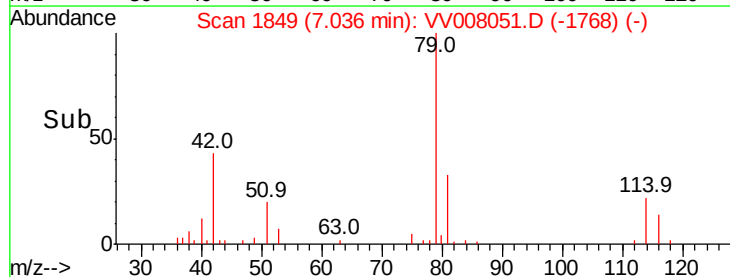
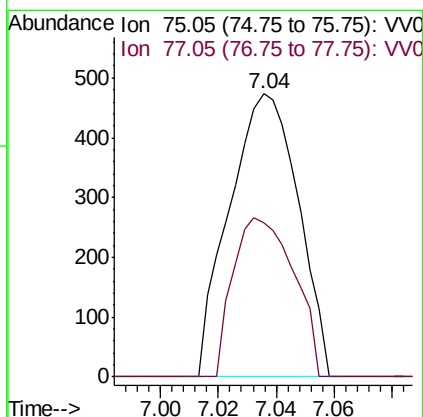
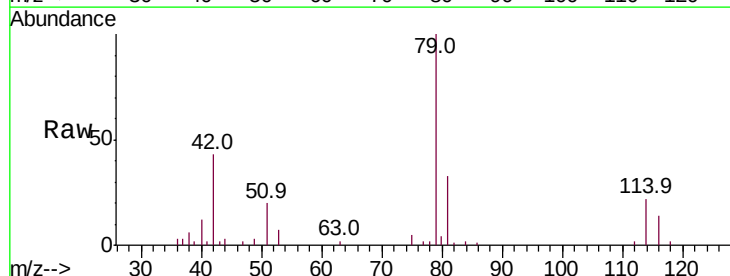
Instrument :
 MSVOA_V
 ClientSampleId :

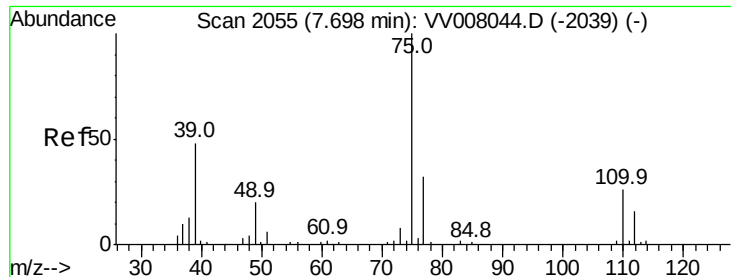
Tot Ion: 63 Resp: 3712
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008051.D
 Acq: 03 Oct 2018 15:44

Tgt Ion: 75 Resp: 780
 Ion Ratio Lower Upper
 75 100
 77 54.5 22.9 42.5#

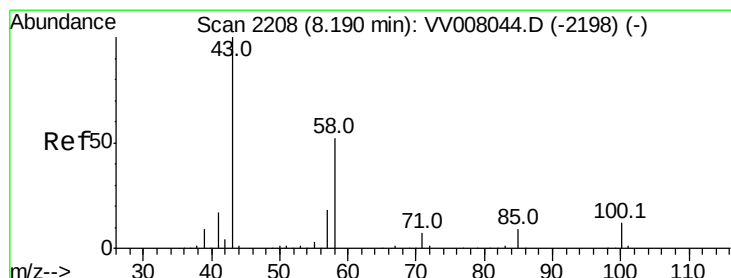
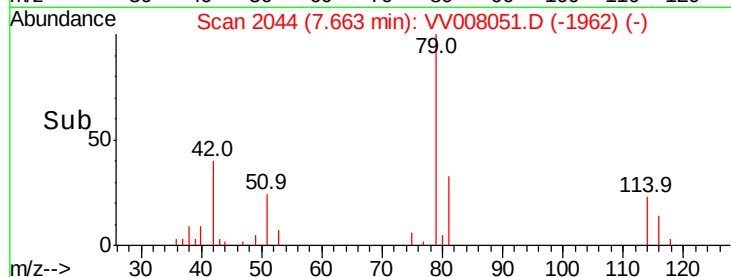
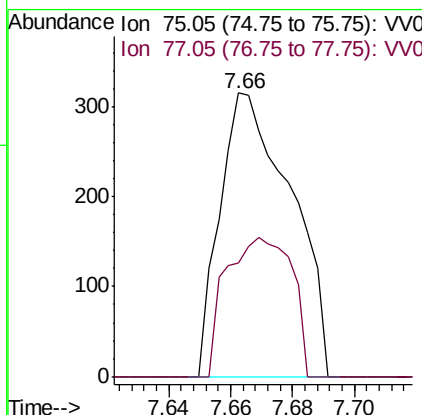
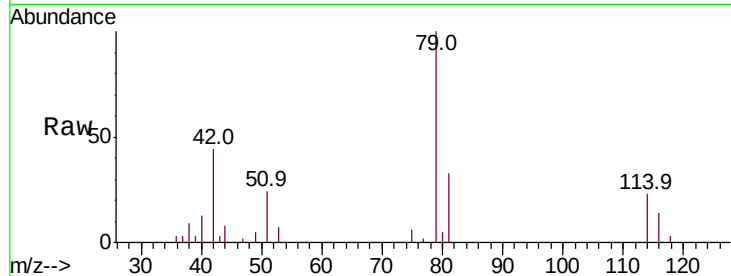




#44
trans-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.04 min
Lab File: VV008051.D
Acq: 03 Oct 2018 15:44

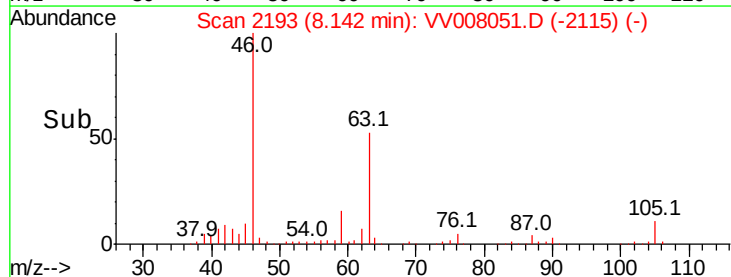
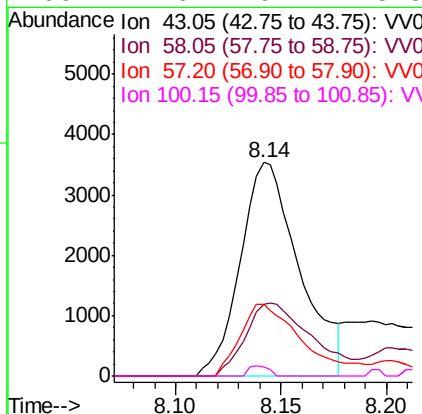
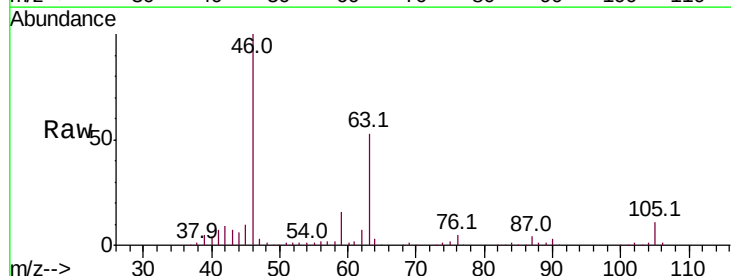
Instrument :
MSVOA_V
ClientSampleId :

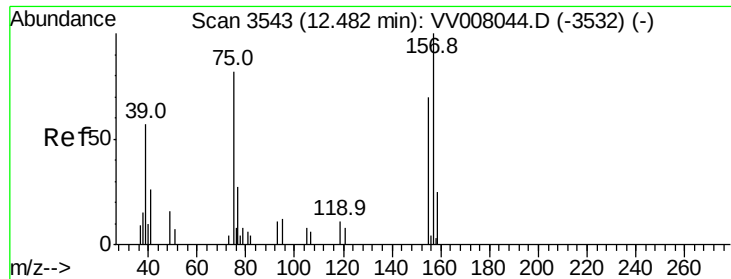
Tot Ion: 75 Resp: 504
Ion Ratio Lower Upper
75 100
77 40.0 22.3 41.5



#48
2-Hexanone
Concen: 2.825 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV008051.D
Acq: 03 Oct 2018 15:44

Tgt Ion: 43 Resp: 6890
Ion Ratio Lower Upper
43 100
58 38.8 41.9 62.9#
57 36.3 14.3 21.5#
100 1.6 9.2 13.8#





#66

1,2-Dibromo-3-chloropropane

Concen: 0.321 ug/L

RT: 12.30 min Scan# 3487

Delta R.T. -0.18 min

Lab File: VV008051.D

Acq: 03 Oct 2018 15:44

Instrument :

MSVOA_V

ClientSampleId :

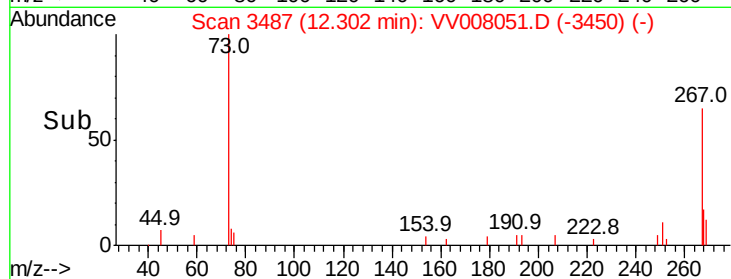
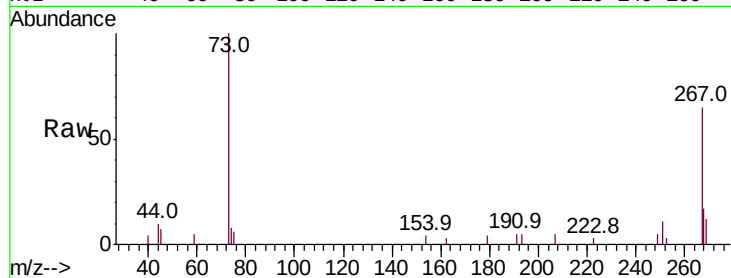
Tot Ion: 75 Resp: 195

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

