

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100218\
 Data File : VV008040.D
 Acq On : 02 Oct 2018 20:45
 Operator : SY/MD
 Sample : J5185-10
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 03 05:37:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 03 05:34:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	85397	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	81720	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39258	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22145	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.59	69	20053	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.13	63	34906	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	3.96	46	67336	48.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.80%
24) Chloroform-d	4.41	84	52010	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.09	65	28463	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.10	84	99286	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.12	67	32702	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.36	98	92250	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.67	79	10426	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.14	63	44779	42.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.20%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21771	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	38805	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

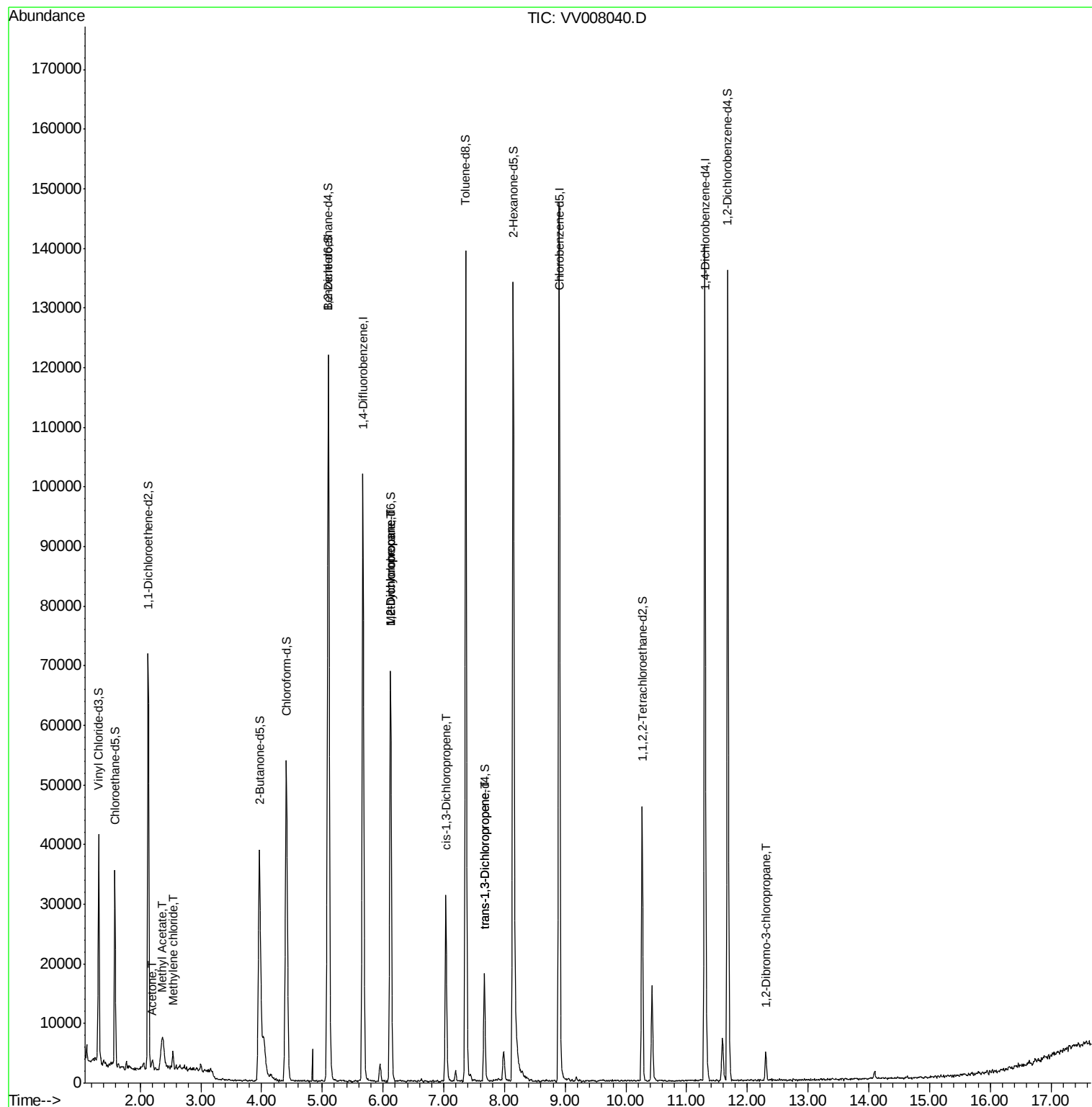
					Ovalue
13) Acetone	2.21	43	1457	1.452 ug/L	91
15) Methyl Acetate	2.36	43	1982	0.772 ug/L #	51
16) Methylene chloride	2.54	84	1036	0.165 ug/L	97
35) Methylcyclohexane	6.12	83	7813	0.778 ug/L #	18
37) 1,2-Dichloropropane	6.13	63	3601	0.602 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	866	0.108 ug/L #	79
44) trans-1,3-Dichloropropene	7.67	75	540	0.081 ug/L #	78
66) 1,2-Dibromo-3-chloropropan	12.30	75	64	0.103 ug/L #	1

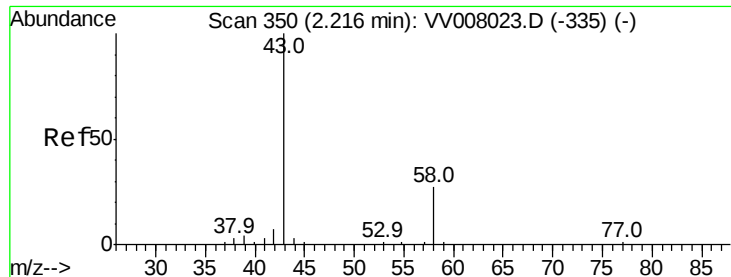
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 03 05:34:53 2018
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#13

Acetone

Concen: 1.452 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.01 min

Lab File: VV008040.D

Acq: 02 Oct 2018 20:45

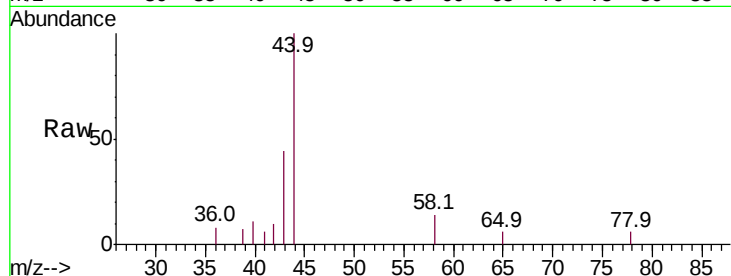
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 1457

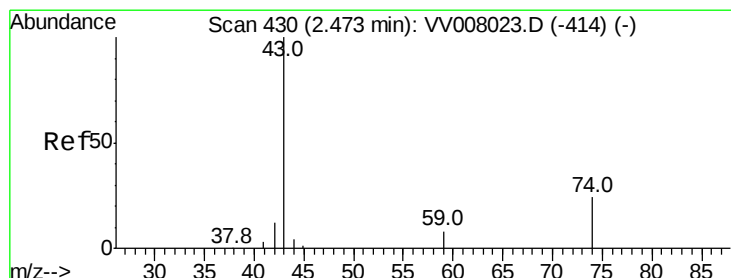
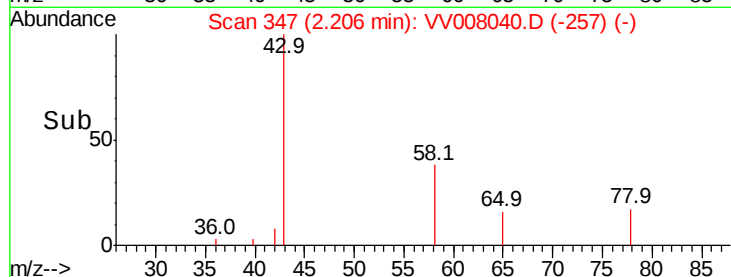
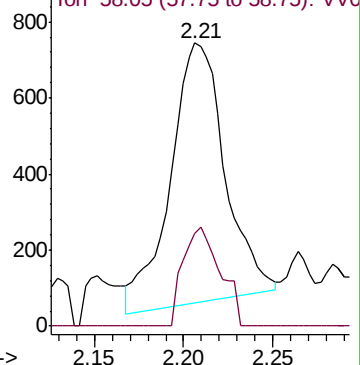
Ion Ratio Lower Upper

43 100

58 26.1 0.0 62.0



Abundance Ion 43.05 (42.75 to 43.75): VV008023.D (-335) (-)



#15

Methyl Acetate

Concen: 0.772 ug/L

RT: 2.36 min Scan# 396

Delta R.T. -0.11 min

Lab File: VV008040.D

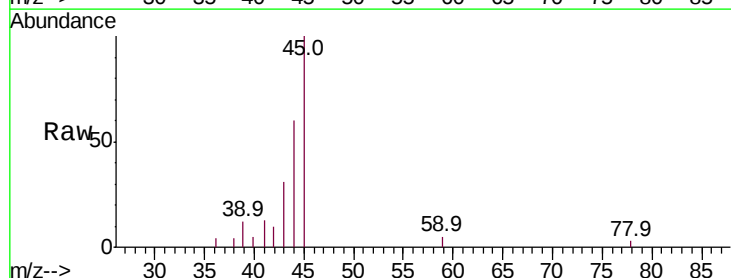
Acq: 02 Oct 2018 20:45

Tgt Ion: 43 Resp: 1982

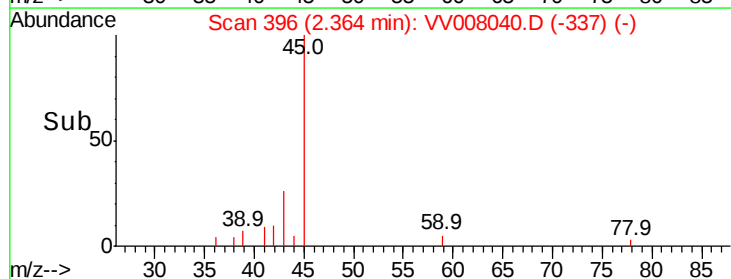
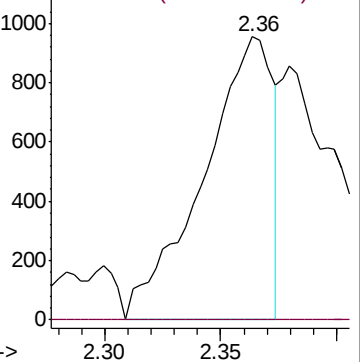
Ion Ratio Lower Upper

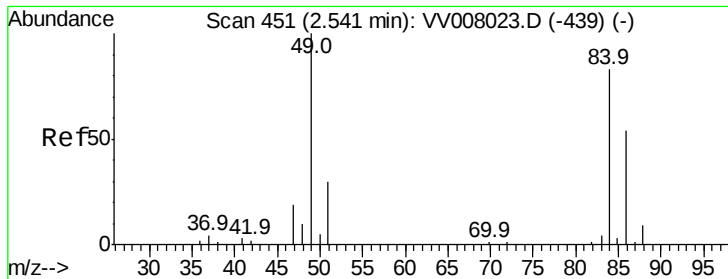
43 100

74 0.0 19.5 29.3#



Abundance Ion 43.05 (42.75 to 43.75): VV008023.D (-414) (-)

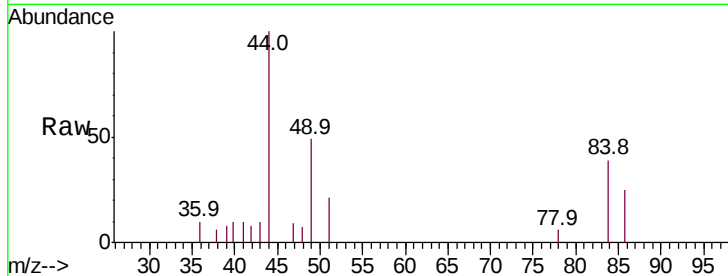




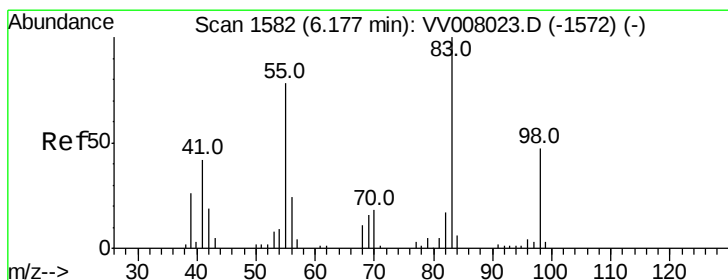
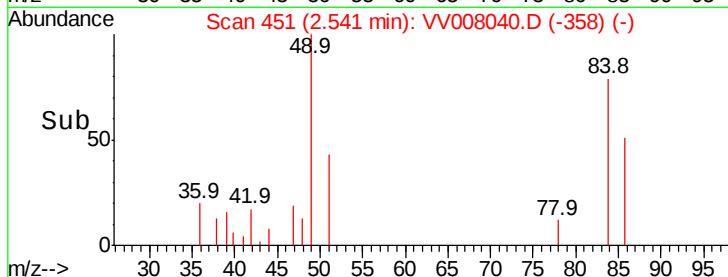
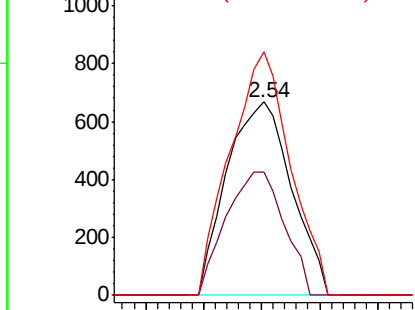
#16
Methvlene chloride
Concen: 0.165 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV008040.D
Acq: 02 Oct 2018 20:45

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp: 1036
Ion Ratio Lower Upper
84 100
86 63.9 47.3 87.8
49 125.9 90.0 167.2

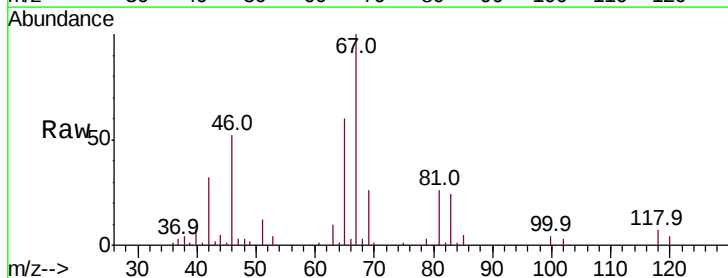


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

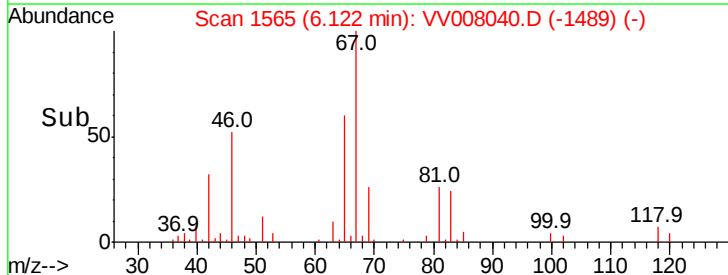
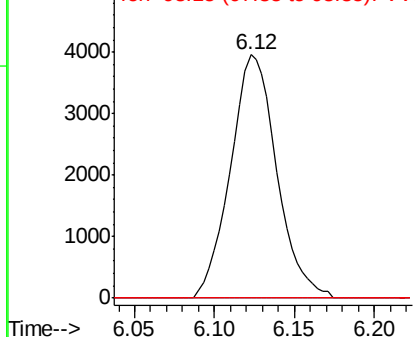


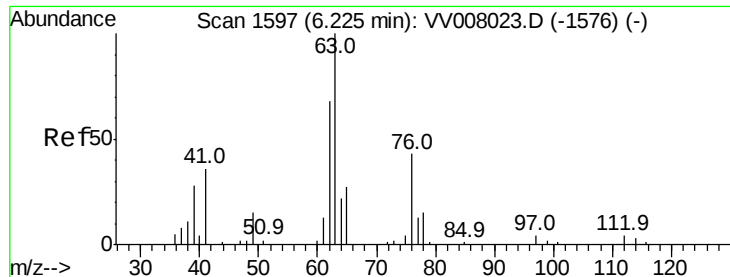
#35
Methylcyclohexane
Concen: 0.778 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008040.D
Acq: 02 Oct 2018 20:45

Tgt Ion: 83 Resp: 7813
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

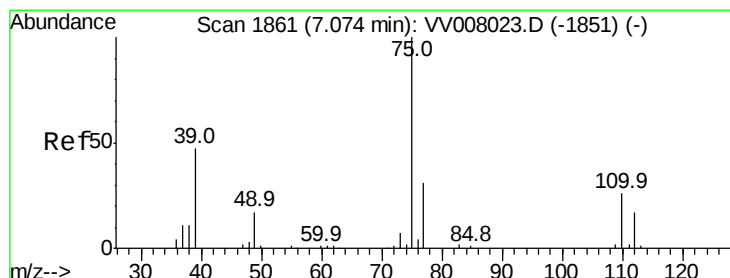
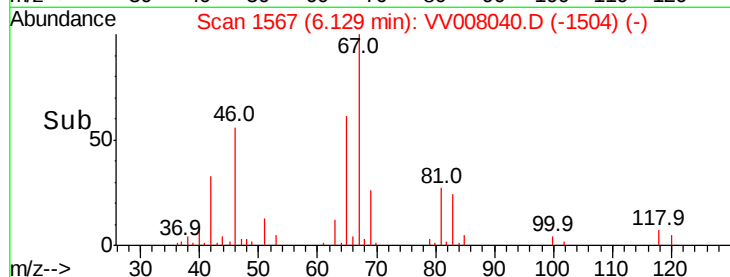
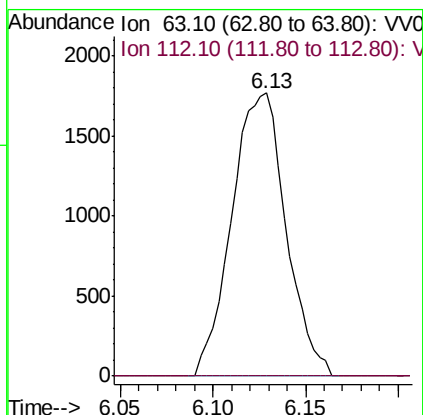
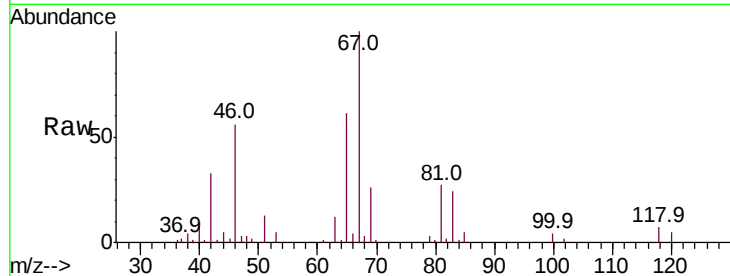




#37
 1,2-Dichloropropane
 Concen: 0.602 ug/L
 RT: 6.13 min Scan# 1567
 Delta R.T. -0.10 min
 Lab File: VV008040.D
 Acq: 02 Oct 2018 20:45

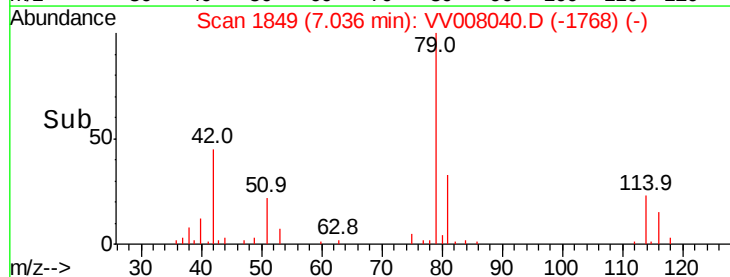
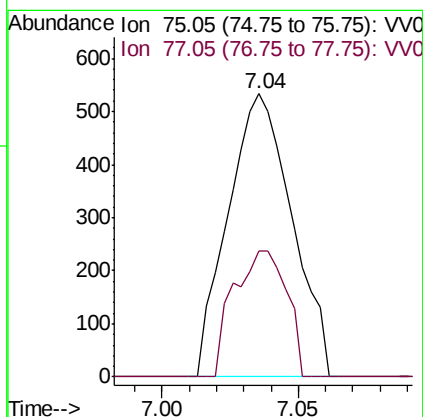
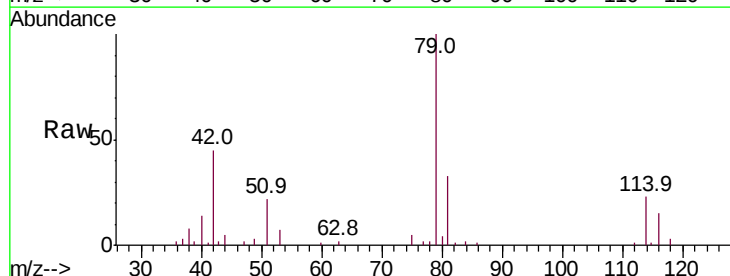
Instrument :
 MSVOA_V
 ClientSampled :

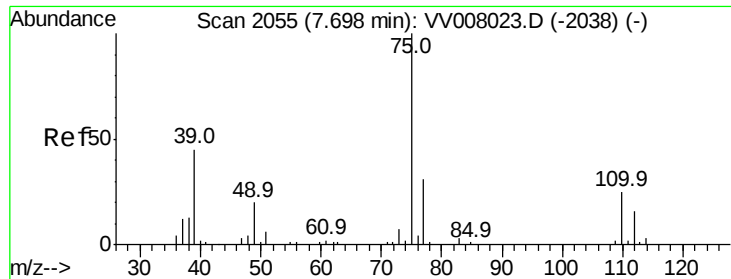
Tot Ion: 63 Resp: 3601
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.108 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008040.D
 Acq: 02 Oct 2018 20:45

Tgt Ion: 75 Resp: 866
 Ion Ratio Lower Upper
 75 100
 77 44.7 22.9 42.5#





#44

trans-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV008040.D

Acq: 02 Oct 2018 20:45

Instrument :

MSVOA_V

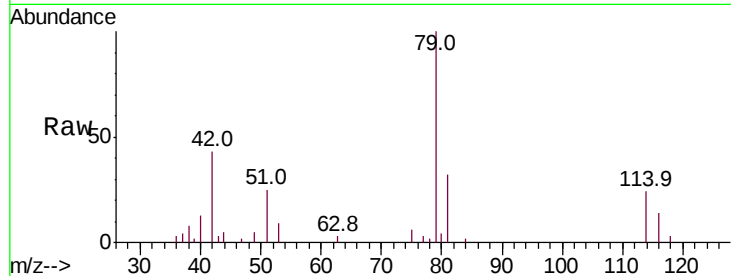
ClientSampleId :

Tot Ion: 75 Resp: 540

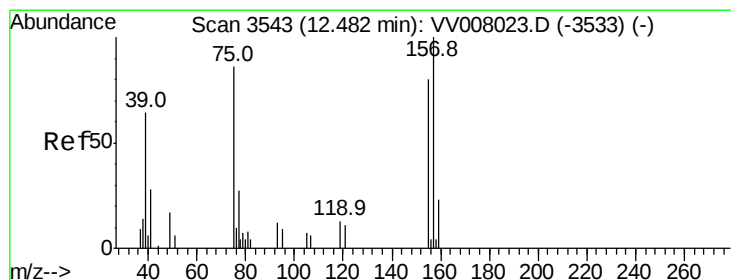
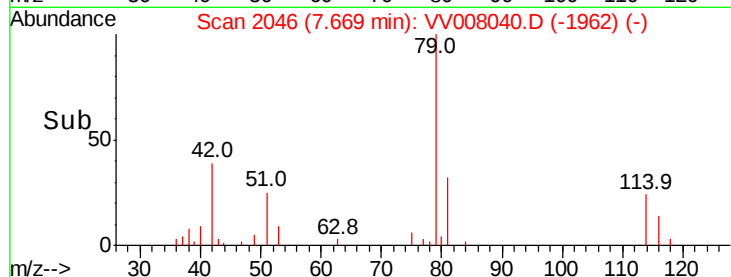
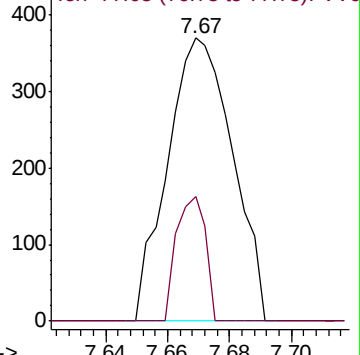
Ion Ratio Lower Upper

75 100

77 43.9 22.3 41.5#



Abundance Ion 75.05 (74.75 to 75.75): VV008023.D (-2038) (-)



#66

1,2-Dibromo-3-chloropropane

Concen: 0.103 ug/L

RT: 12.30 min Scan# 3486

Delta R.T. -0.18 min

Lab File: VV008040.D

Acq: 02 Oct 2018 20:45

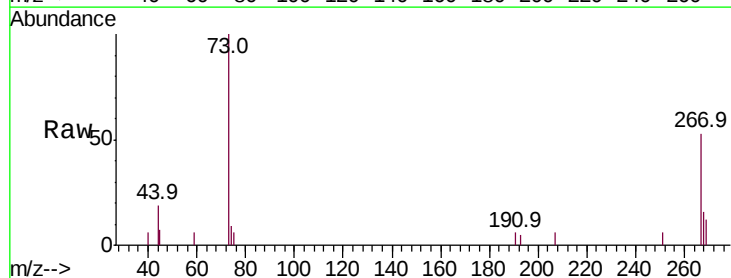
Tgt Ion: 75 Resp: 64

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): VV008023.D (-3533) (-)

