

Data File : VV008101.D
Acq On : 05 Oct 2018 16:47
Operator : SY/MD
Sample : J5246-05DL 10X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0J73DL

Quant Time: Oct 06 01:05:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 06 01:03:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	111372	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	104992	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48678	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30548	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.59	69	25399	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.14	63	47523	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.96	46	77018	46.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.66%
24) Chloroform-d	4.41	84	63231	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.09	65	32280	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.10	84	123907	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.12	67	39571	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.36	98	114792	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.67	79	12884	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.14	63	53933	45.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.36%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	26745	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	46398	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

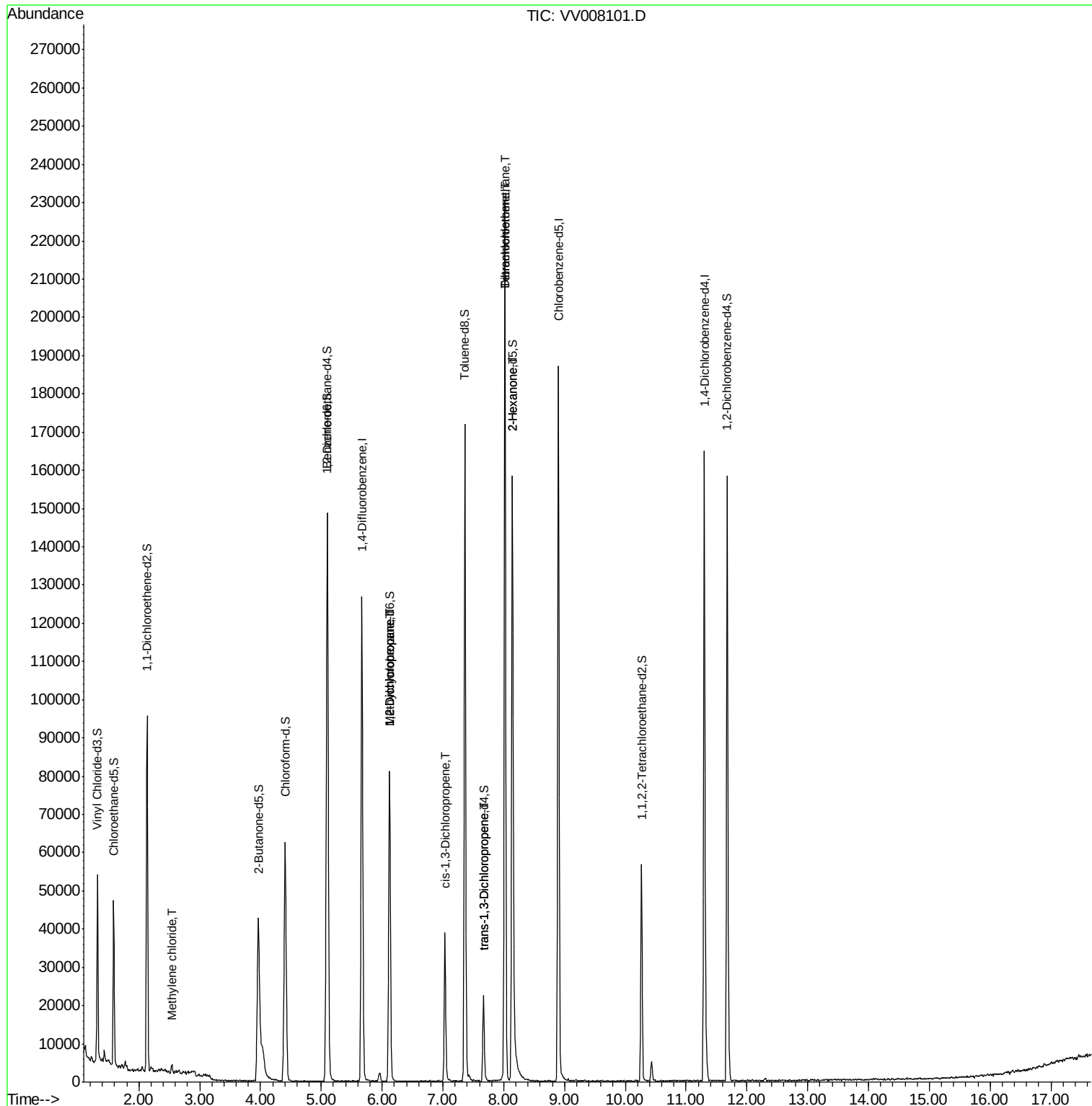
					Qvalue
16) Methylene chloride	2.54	84	838	0.114 ug/L	96
35) Methylcyclohexane	6.12	83	9277	0.859 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	4401	0.616 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	967	0.105 ug/L #	74
44) trans-1,3-Dichloropropene	7.67	75	631	0.085 ug/L	84
47) Tetrachloroethene	8.02	164	54128	7.839 ug/L	93
48) 2-Hexanone	8.14	43	7204	2.619 ug/L #	82
49) Dibromochloromethane	8.02	129	45044	7.201 ug/L #	10

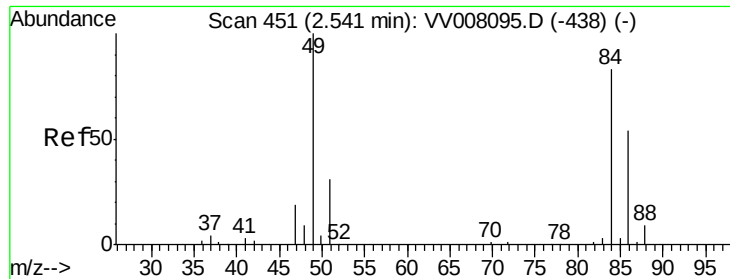
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 06 01:03:16 2018
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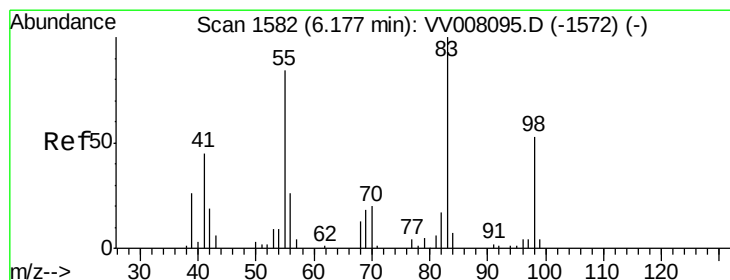
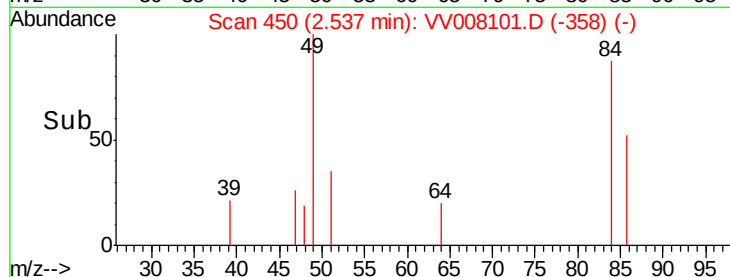
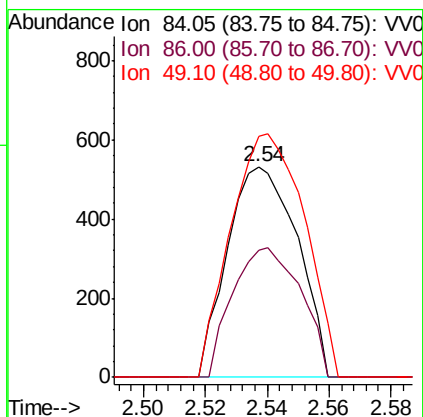
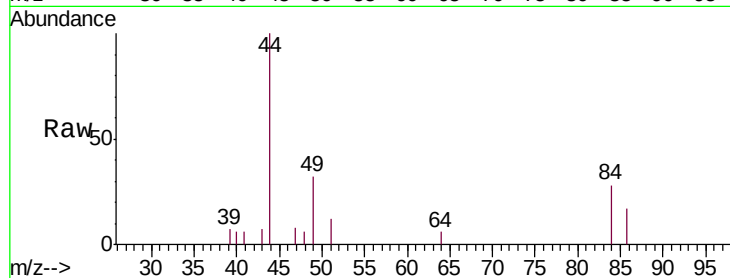




#16
Methylene chloride
Concen: 0.114 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV008101.D
Acq: 05 Oct 2018 16:47

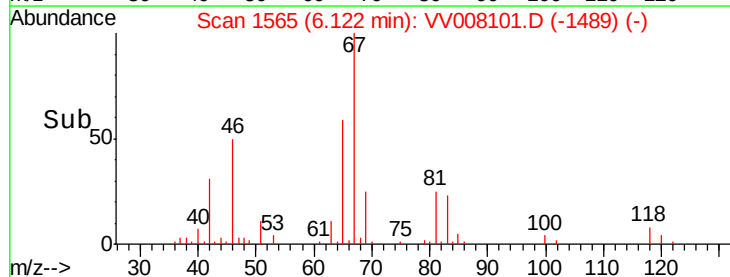
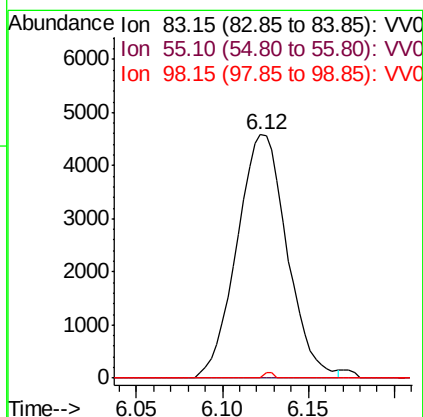
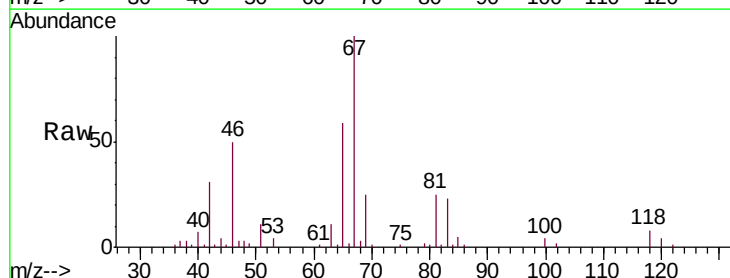
Instrument :
MSVOA_V
ClientSampled :
C0J73DL

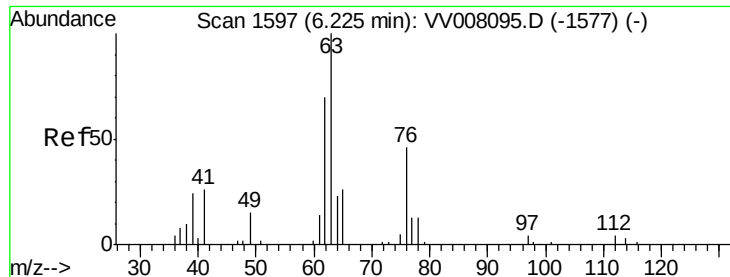
Tgt Ion: 84 Resp: 838
Ion Ratio Lower Upper
84 100
86 60.0 45.3 84.1
49 114.4 83.0 154.1



#35
Methylcyclohexane
Concen: 0.859 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008101.D
Acq: 05 Oct 2018 16:47

Tgt Ion: 83 Resp: 9277
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 0.5 38.3 57.5#

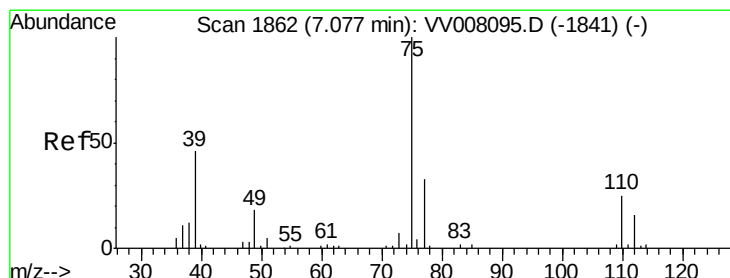
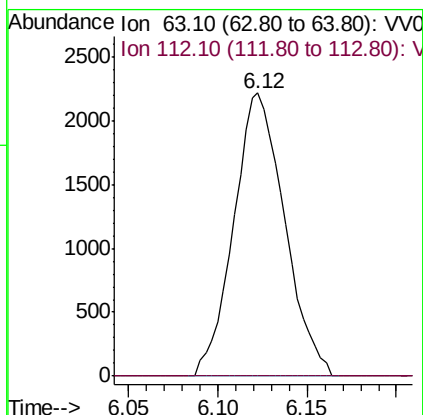
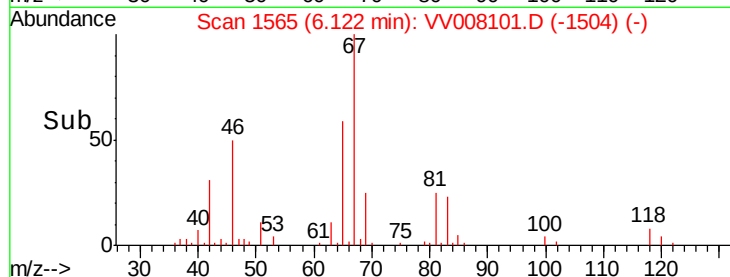
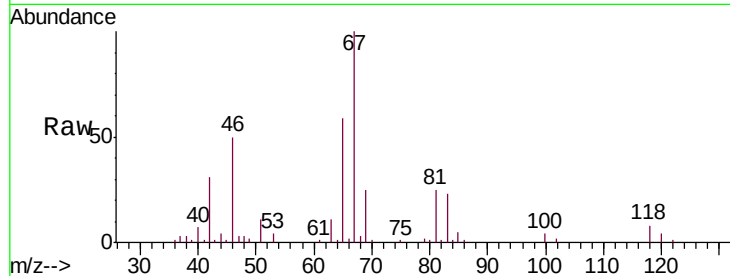




#37
 1,2-Dichloropropane
 Concen: 0.616 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008101.D
 Acq: 05 Oct 2018 16:47

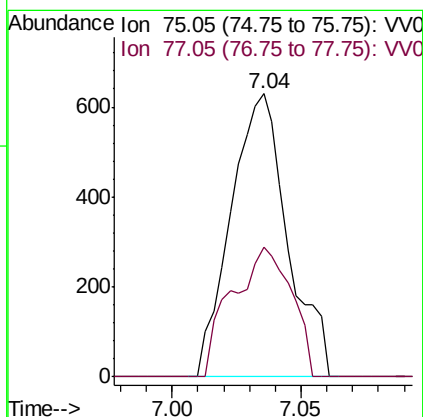
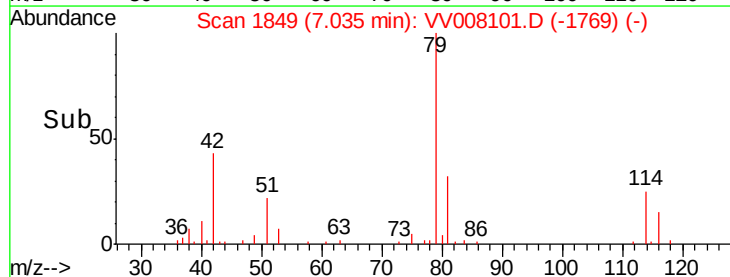
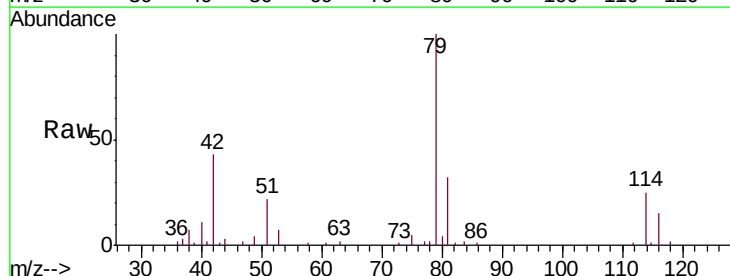
Instrument :
 MSVOA_V
 ClientSampleID :
 C0J73DL

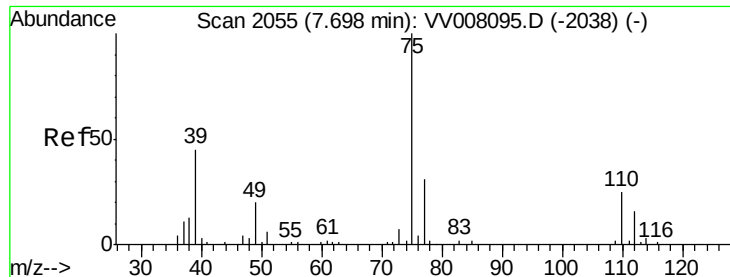
Tgt Ion: 63 Resp: 4401
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008101.D
 Acq: 05 Oct 2018 16:47

Tgt Ion: 75 Resp: 967
 Ion Ratio Lower Upper
 75 100
 77 45.8 22.1 41.1#





#44

trans-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008101.D

Acq: 05 Oct 2018 16:47

Instrument :

MSVOA_V

ClientSampleId :

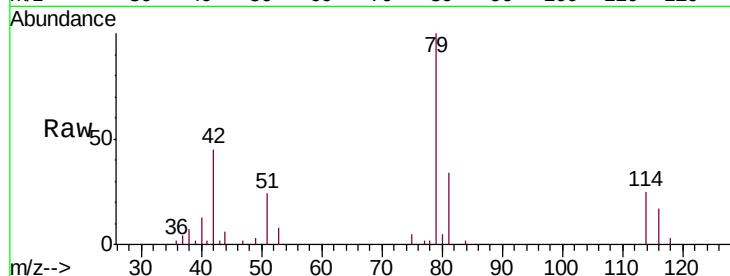
C0J73DL

Tgt Ion: 75 Resp: 631

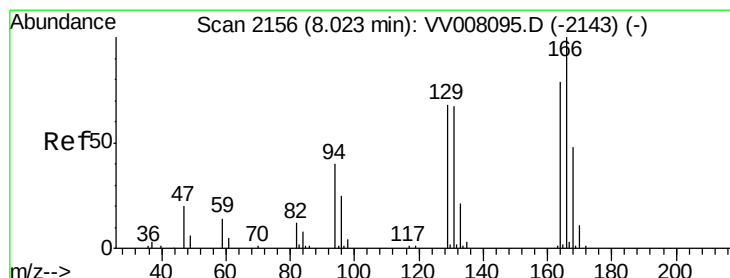
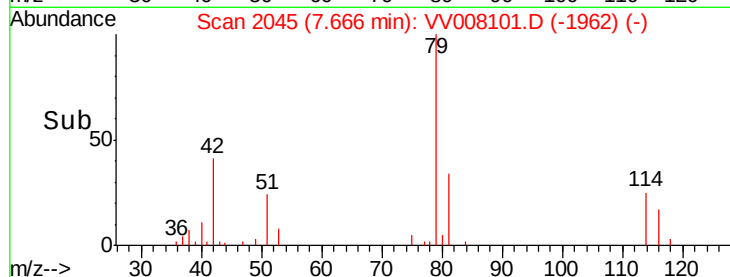
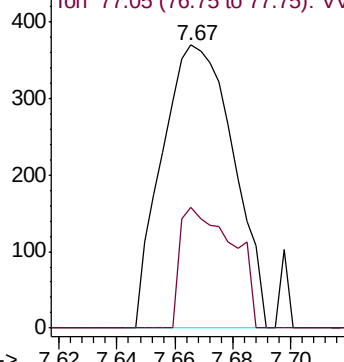
Ion Ratio Lower Upper

75 100

77 42.8 23.4 43.6



Abundance Ion 75.05 (74.75 to 75.75): VV008101.D (-1962) (-)



#47

Tetrachloroethene

Concen: 7.839 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV008101.D

Acq: 05 Oct 2018 16:47

Tgt Ion: 164 Resp: 54128

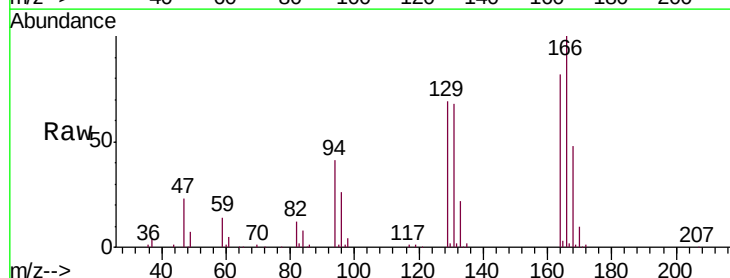
Ion Ratio Lower Upper

164 100

129 83.6 62.2 115.4

131 82.3 60.5 112.5

166 121.2 92.1 171.1

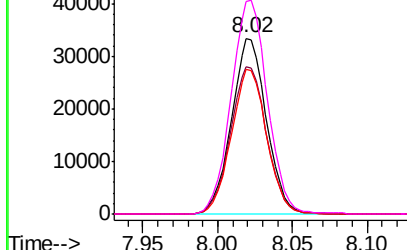
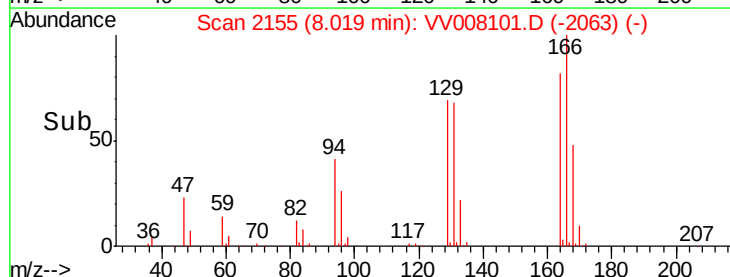


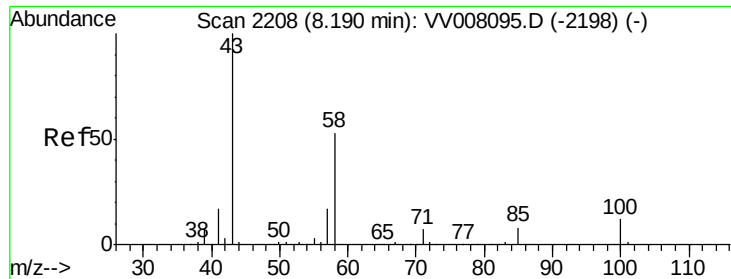
Abundance Ion 163.90 (163.60 to 164.60): VV008101.D (-2063) (-)

Ion 128.95 (128.65 to 129.65): VV008101.D (-2063) (-)

Ion 130.95 (130.65 to 131.65): VV008101.D (-2063) (-)

Ion 165.90 (165.60 to 166.60): VV008101.D (-2063) (-)

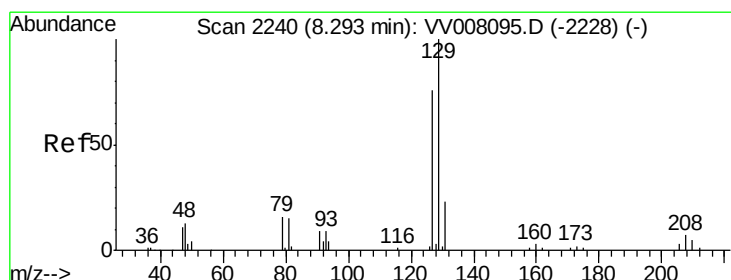
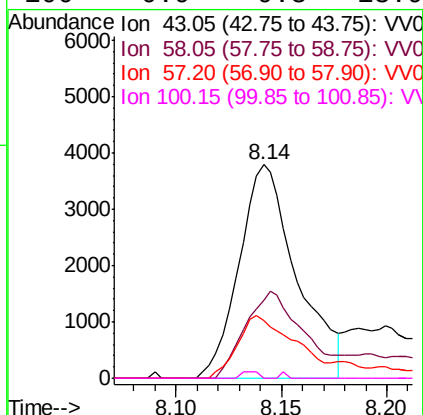
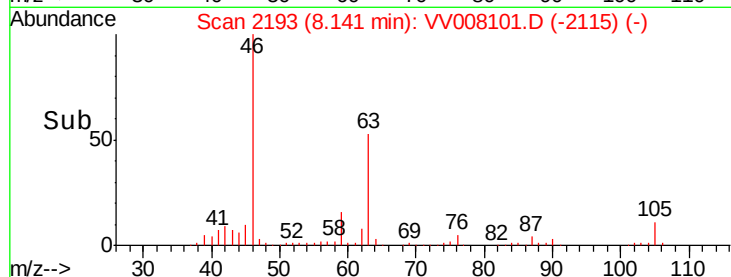
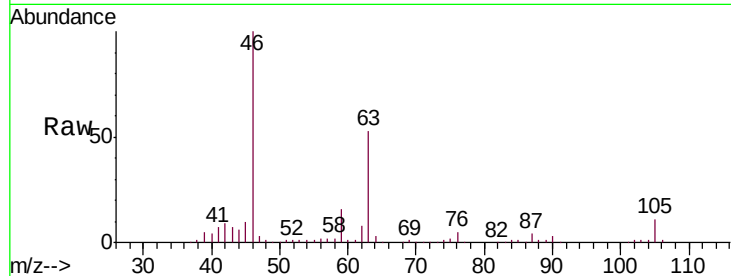




#48
2-Hexanone
Concen: 2.619 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV008101.D
Acq: 05 Oct 2018 16:47

Instrument :
MSVOA_V
ClientSampleId :
C0J73DL

Tgt Ion: 43 Resp: 7204
Ion Ratio Lower Upper
43 100
58 40.9 40.5 60.7
57 29.4 14.6 22.0#
100 0.9 9.3 13.9#



#49
Dibromochloromethane
Concen: 7.201 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV008101.D
Acq: 05 Oct 2018 16:47

Tgt Ion: 129 Resp: 45044
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.3#

