

Data File : VV012027.D
Acq On : 25 Jul 2019 14:35
Operator : SY/MD
Sample : K3960-02DL 10X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB9A7DL

Quant Time: Jul 26 02:38:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 26 02:35:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	122878	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	119479	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58304	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27861	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.59	69	24177	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.13	63	45219	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	3.94	46	100531	53.85	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.70%
24) Chloroform-d	4.40	84	82316	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.08	65	47301	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
32) Benzene-d6	5.10	84	164771	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.12	67	48865	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.36	98	144396	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.67	79	17981	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.13	63	82204	52.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.80%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35098	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	60526	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

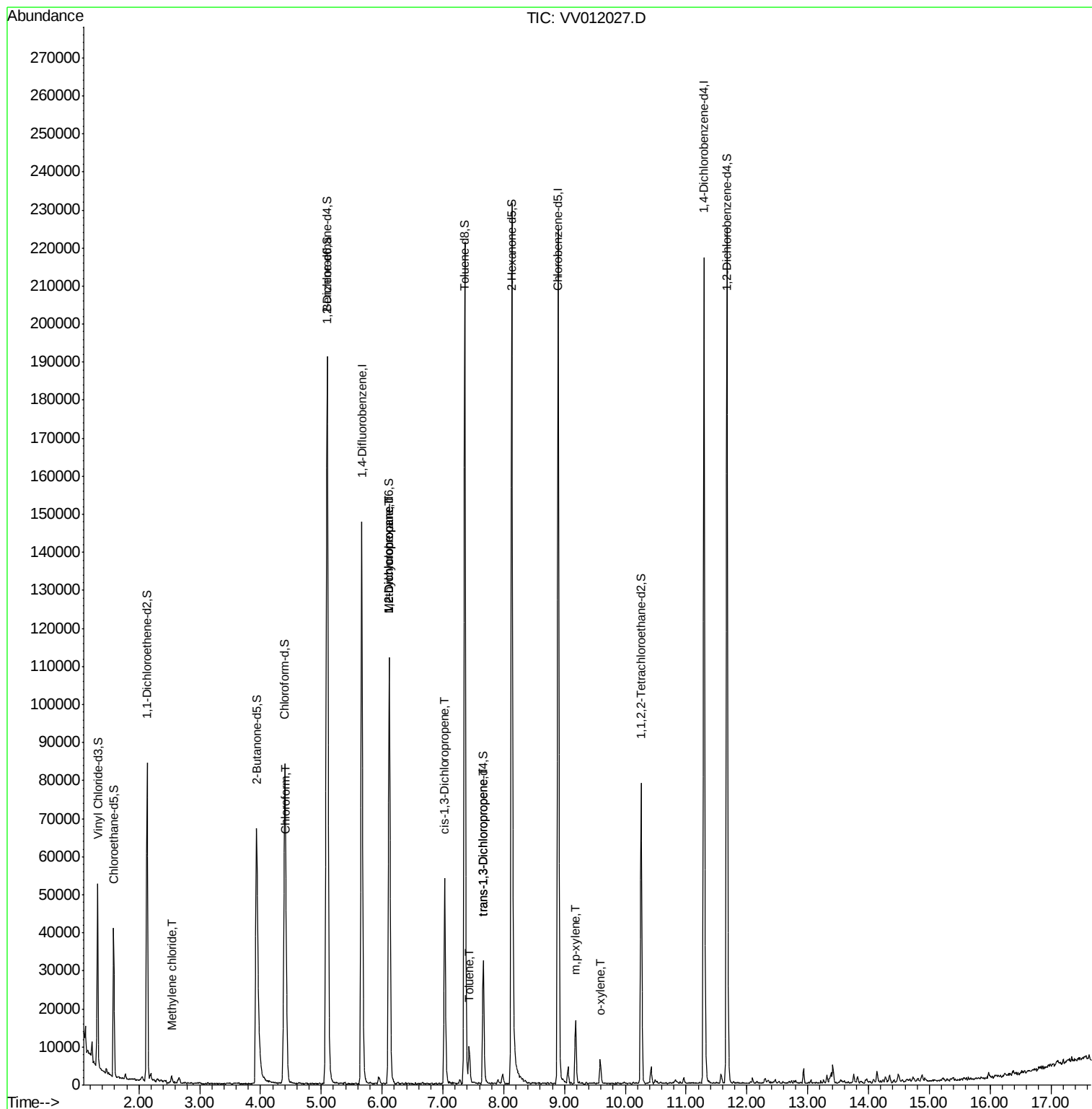
						Qvalue
16) Methylene chloride	2.54	84	729	0.116	ug/L	92
25) Chloroform	4.43	83	7117	0.383	ug/L	97
35) Methylcyclohexane	6.12	83	12945	0.852	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6197	0.733	ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1572	0.126	ug/L #	69
42) Toluene	7.43	91	6429	0.170	ug/L	93
44) trans-1,3-Dichloropropene	7.67	75	866	0.087	ug/L #	77
53) m,p-xylene	9.18	106	4891	0.298	ug/L	91
54) o-xylene	9.59	106	1730	0.111	ug/L	91

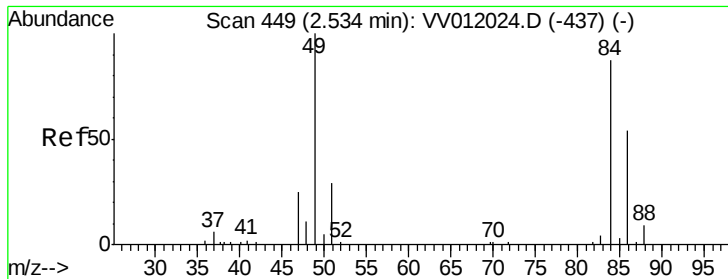
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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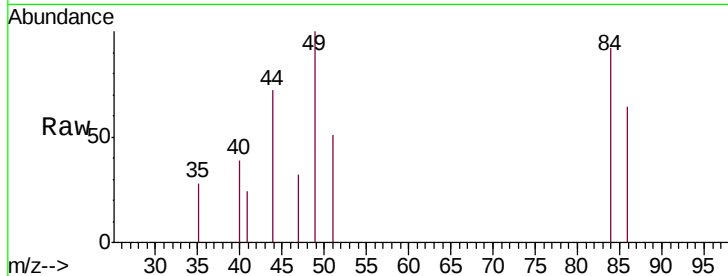




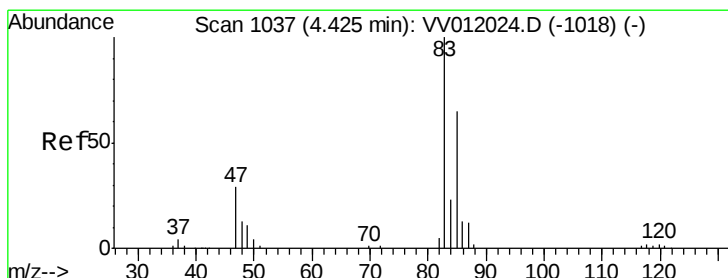
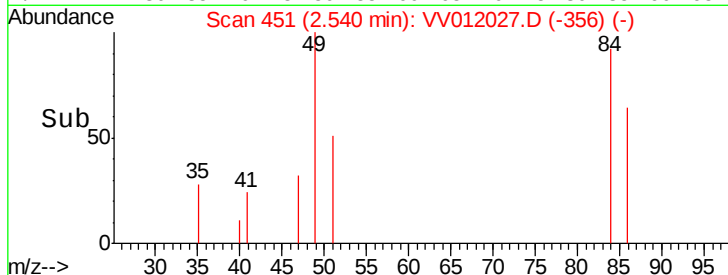
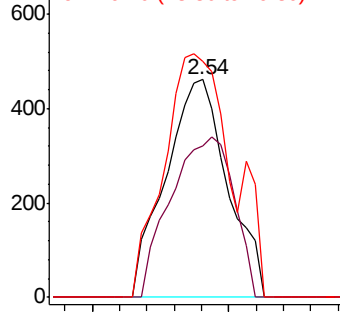
#16
Methylene chloride
Concen: 0.116 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.01 min
Lab File: VV012027.D
Acq: 25 Jul 2019 14:35

Instrument :
MSVOA_V
ClientSampleId :
DB9A7DL

Tgt Ion: 84 Resp: 729
Ion Ratio Lower Upper
84 100
86 69.4 47.6 88.4
49 108.2 84.3 156.5

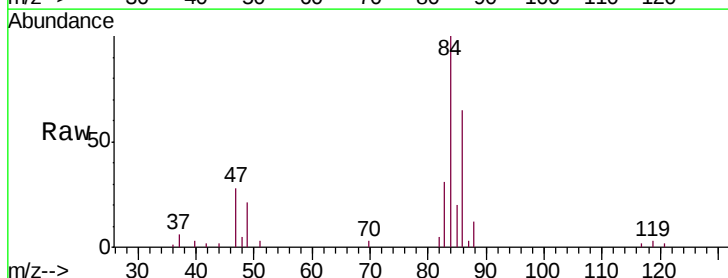


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

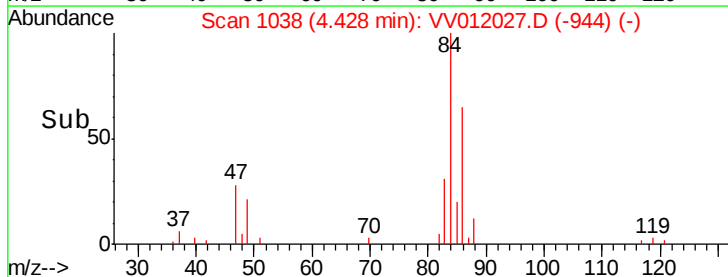
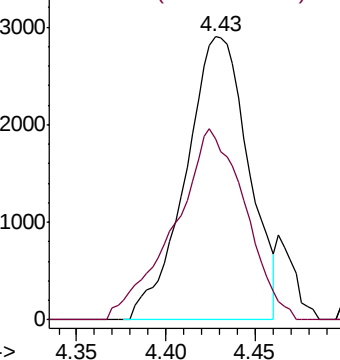


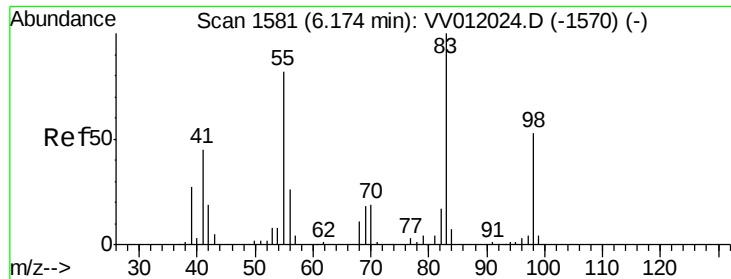
#25
Chloroform
Concen: 0.383 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012027.D
Acq: 25 Jul 2019 14:35

Tgt Ion: 83 Resp: 7117
Ion Ratio Lower Upper
83 100
85 63.9 46.5 86.3



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

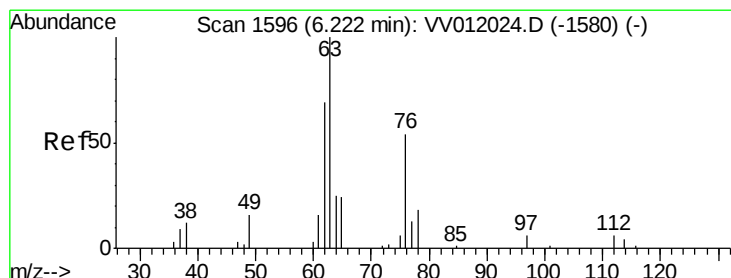
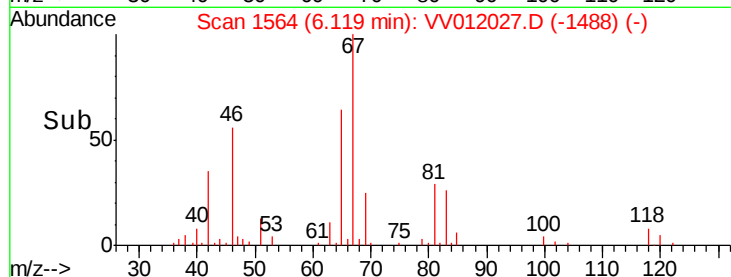
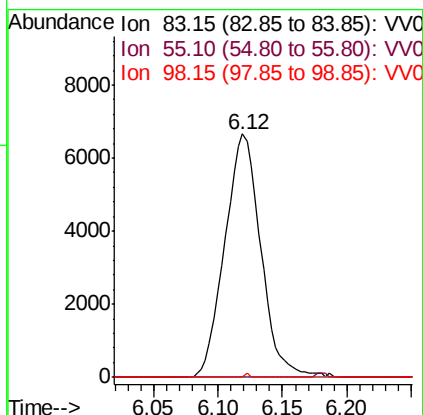
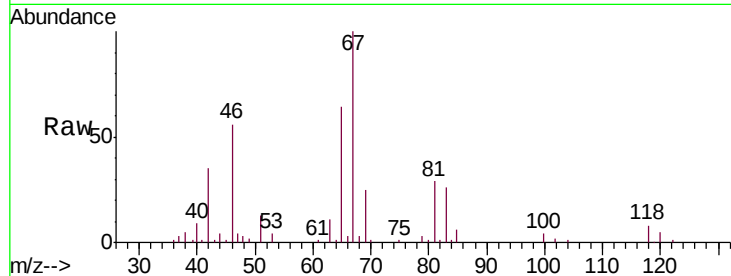




#35
Methylcyclohexane
Concen: 0.852 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV012027.D
Acq: 25 Jul 2019 14:35

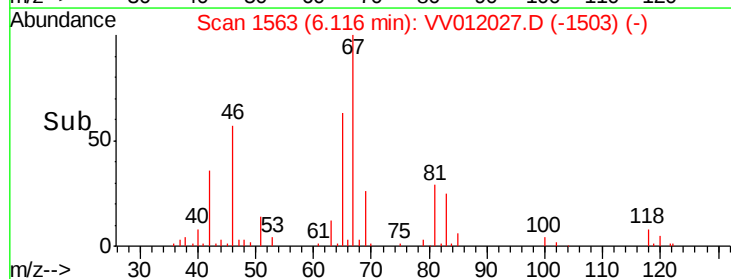
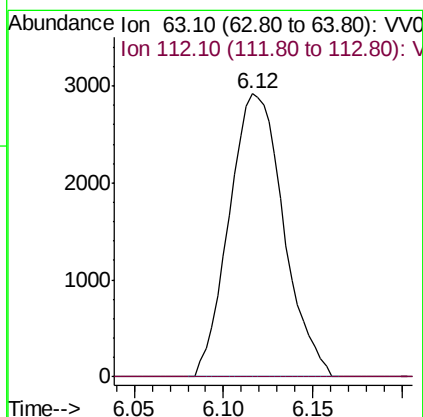
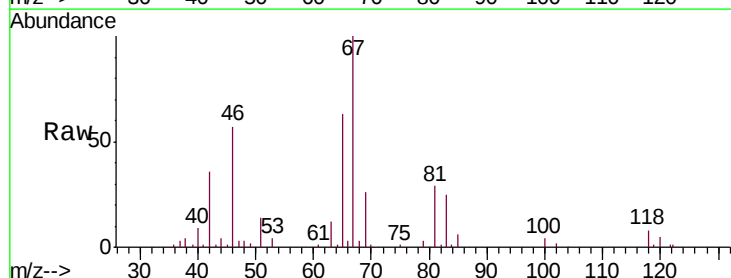
Instrument :
MSVOA_V
ClientSampleId :
DB9A7DL

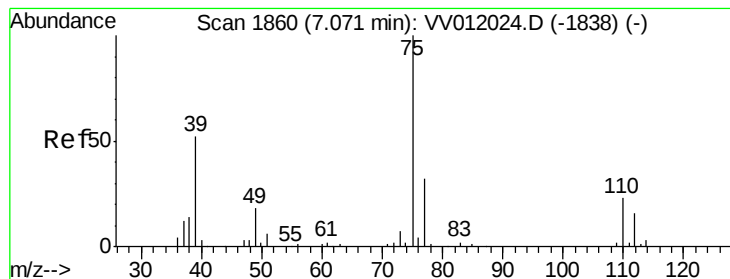
Tgt Ion: 83 Resp: 12945
Ion Ratio Lower Upper
83 100
55 0.5 63.0 94.4#
98 0.2 41.4 62.0#



#37
1,2-Dichloropropane
Concen: 0.733 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV012027.D
Acq: 25 Jul 2019 14:35

Tgt Ion: 63 Resp: 6197
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



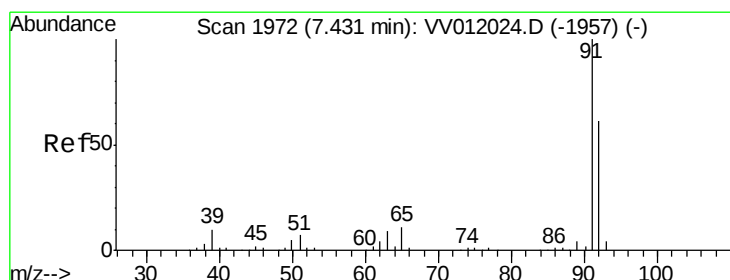
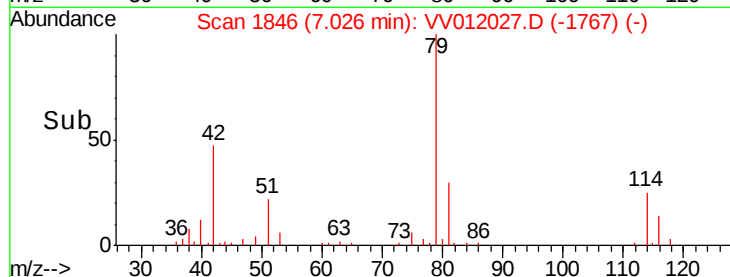
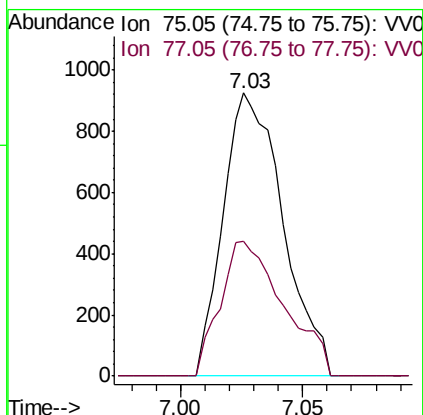
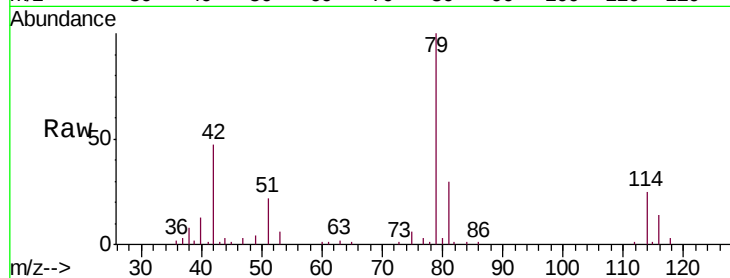


#39

cis-1,3-Dichloropropene
Concen: 0.126 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV012027.D
Acq: 25 Jul 2019 14:35

Instrument :
MSVOA_V
ClientSampleId :
DB9A7DL

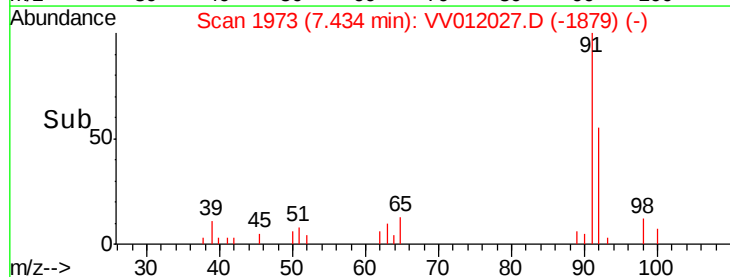
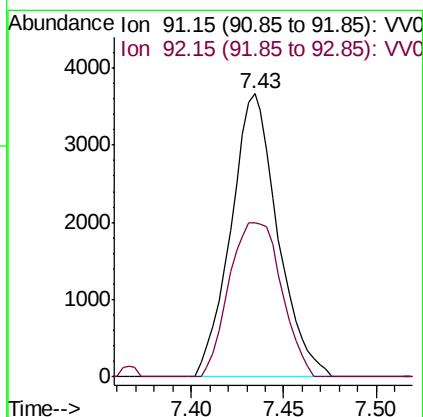
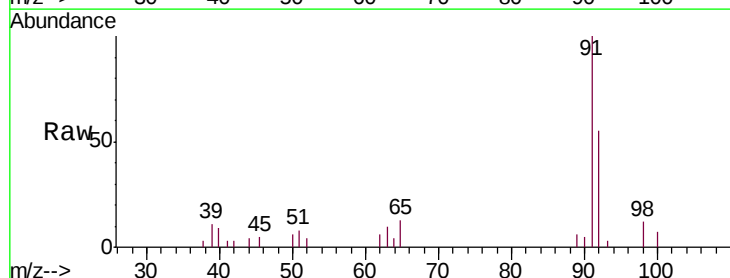
Tgt Ion: 75 Resp: 1572
Ion Ratio Lower Upper
75 100
77 47.6 21.3 39.6#

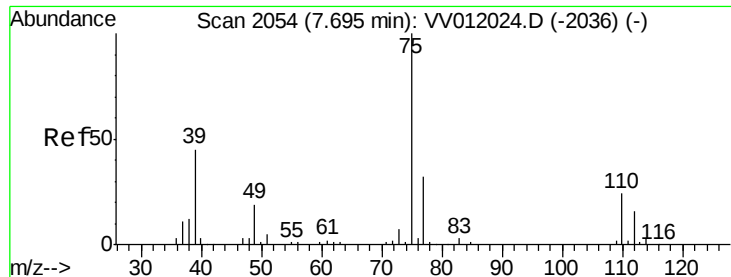


#42

Toluene
Concen: 0.170 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV012027.D
Acq: 25 Jul 2019 14:35

Tgt Ion: 91 Resp: 6429
Ion Ratio Lower Upper
91 100
92 54.6 41.9 77.9





#44

trans-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV012027.D

Acq: 25 Jul 2019 14:35

Instrument :

MSVOA_V

ClientSampleId :

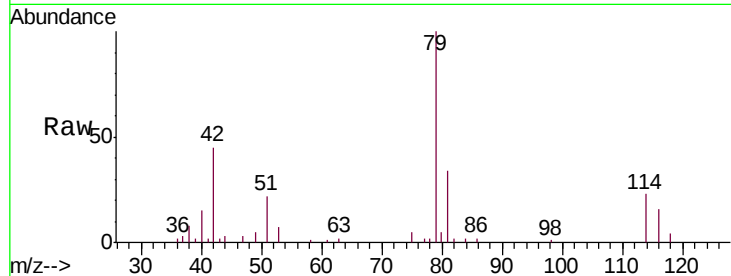
DB9A7DL

Tgt Ion: 75 Resp: 866

Ion Ratio Lower Upper

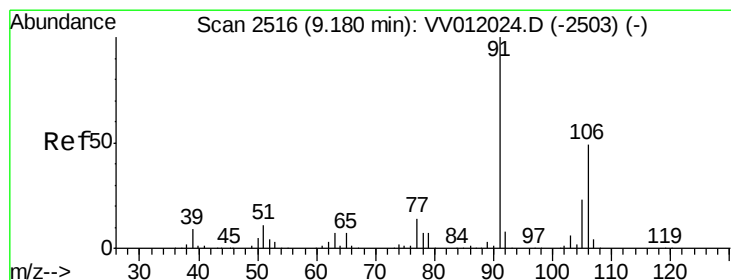
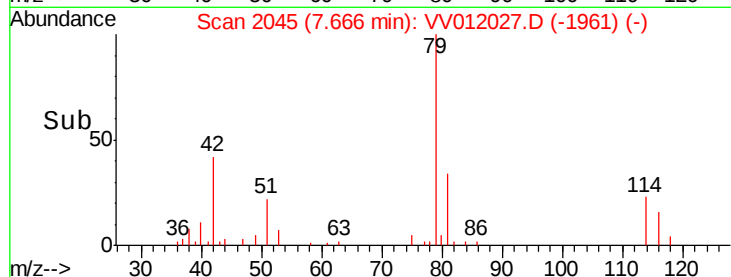
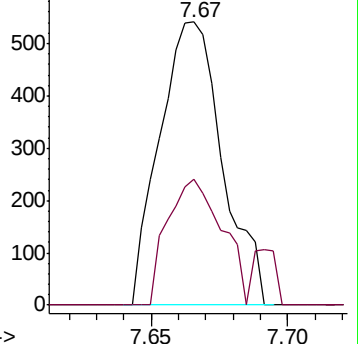
75 100

77 44.4 22.0 40.8#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#53

m,p-xylene

Concen: 0.298 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.00 min

Lab File: VV012027.D

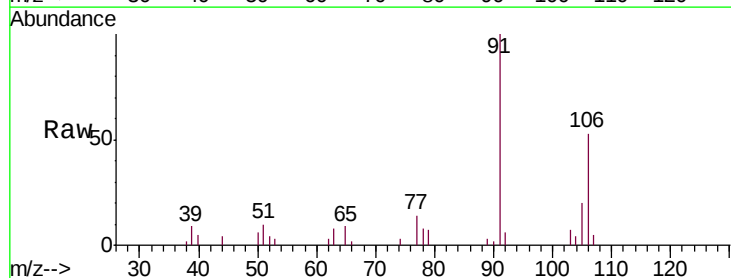
Acq: 25 Jul 2019 14:35

Tgt Ion:106 Resp: 4891

Ion Ratio Lower Upper

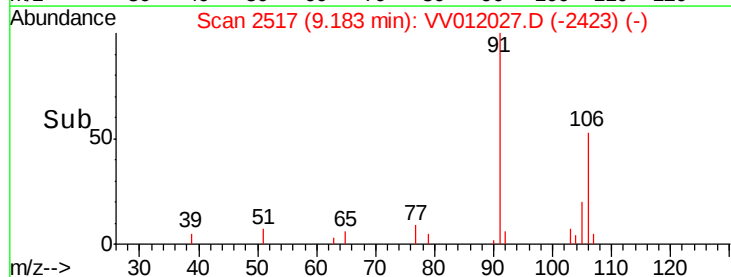
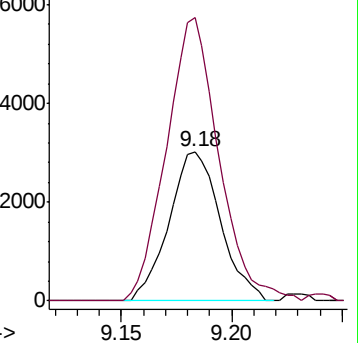
106 100

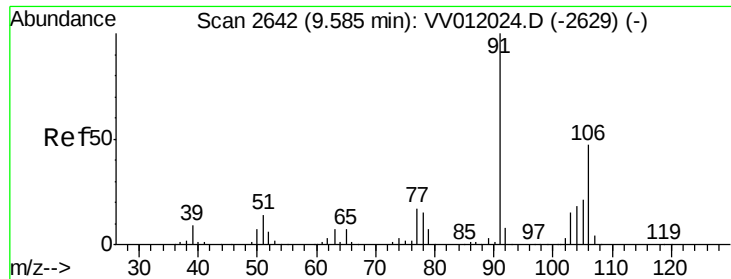
91 189.7 142.7 265.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#54
 o-xylene
 Concen: 0.111 ug/L
 RT: 9.59 min Scan# 2643
 Delta R.T. 0.00 min
 Lab File: VV012027.D
 Acq: 25 Jul 2019 14:35

Instrument :
 MSVOA_V
 ClientSampleId :
 DB9A7DL

Tgt Ion:106 Resp: 1730
 Ion Ratio Lower Upper
 106 100
 91 200.9 151.0 280.4

