

Data File : VV012026.D
Acq On : 25 Jul 2019 14:09
Operator : SY/MD
Sample : K3960-01DL 5X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB9A6DL

Quant Time: Jul 26 02:38:44 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	5.66	114	154451	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	147934	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	74351	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27807	3.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.20%
7) Chloroethane-d5	1.57	69	24950	3.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.00%
11) 1,1-Dichloroethene-d2	2.13	63	45326	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	3.94	46	93972	40.05	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.10%
24) Chloroform-d	4.40	84	70610	3.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.00%#
26) 1,2-Dichloroethane-d4	5.08	65	43596	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
32) Benzene-d6	5.09	84	154310	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.80%
36) 1,2-Dichloropropane-d6	6.12	67	46350	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.60%
41) Toluene-d8	7.36	98	135935	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.00%
43) trans-1,3-Dichloropropene-	7.66	79	16929	3.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.60%
46) 2-Hexanone-d5	8.13	63	77916	40.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.98%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	31776	3.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	58987	4.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.40%

Target Compounds

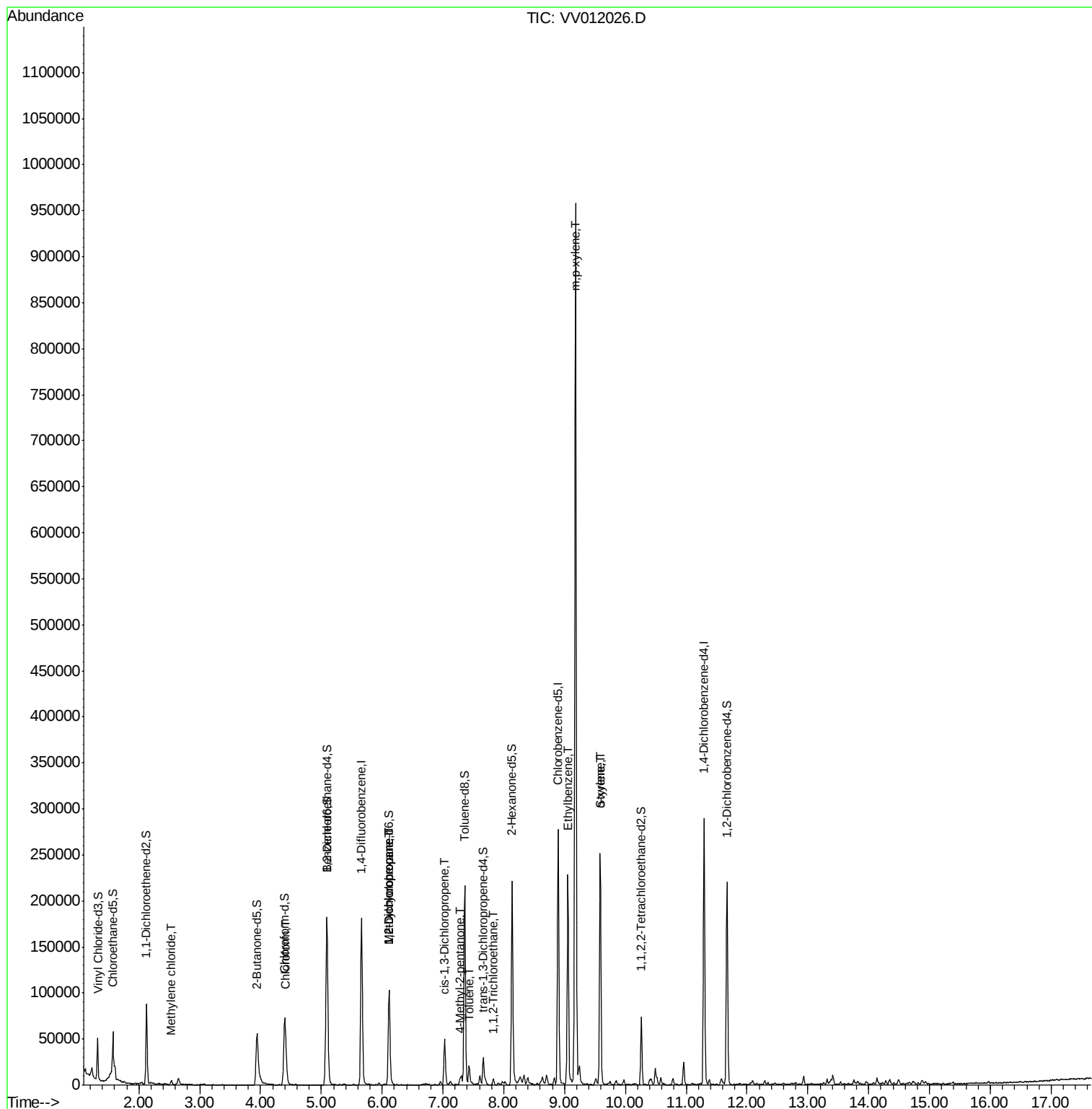
						Qvalue
16) Methylene chloride	2.53	84	2102	0.267	ug/L #	73
25) Chloroform	4.42	83	13849	0.593	ug/L	93
35) Methylcyclohexane	6.12	83	11815	0.628	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	5624	0.538	ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1334	0.086	ug/L #	58
40) 4-Methyl-2-pentanone	7.28	43	4397	0.752	ug/L #	88
42) Toluene	7.43	91	13697	0.293	ug/L	90
45) 1,1,2-Trichloroethane	7.84	97	1716	0.237	ug/L #	20
52) Ethylbenzene	9.05	91	148970	2.794	ug/L	100
53) m,p-xylene	9.18	106	266021	13.108	ug/L	99
54) o-xylene	9.59	106	64684	3.361	ug/L	99
55) Styrene	9.59	104	4225	0.130	ug/L #	1

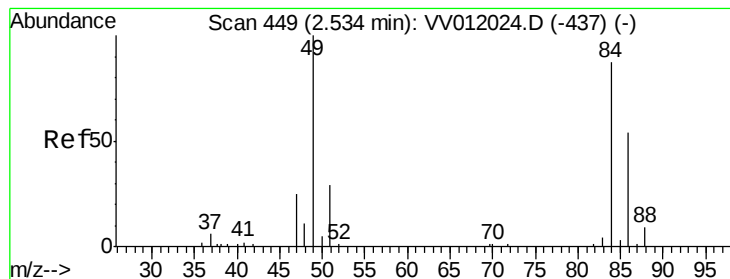
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.267 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV012026.D

Acq: 25 Jul 2019 14:09

Instrument :

MSVOA_V

ClientSampleId :

DB9A6DL

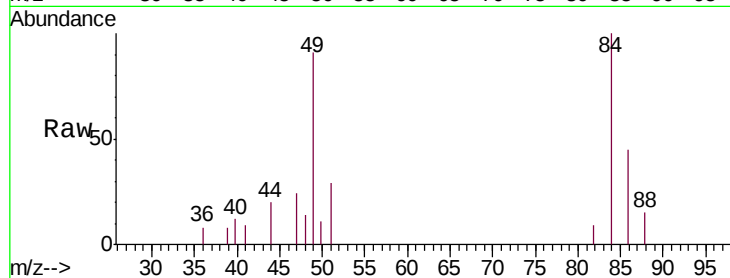
Tgt Ion: 84 Resp: 2102

Ion Ratio Lower Upper

84 100

86 44.7 47.6 88.4#

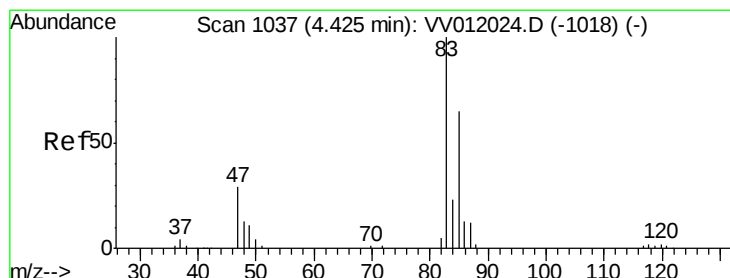
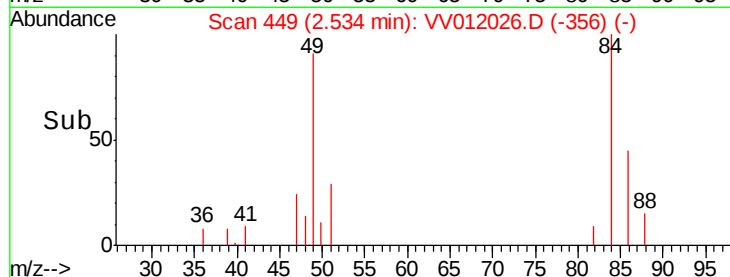
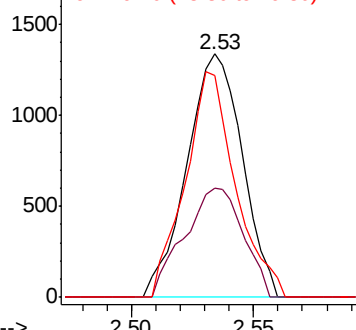
49 91.1 84.3 156.5



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: 0.593 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VV012026.D

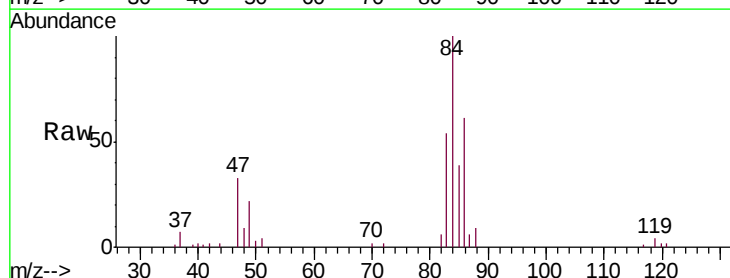
Acq: 25 Jul 2019 14:09

Tgt Ion: 83 Resp: 13849

Ion Ratio Lower Upper

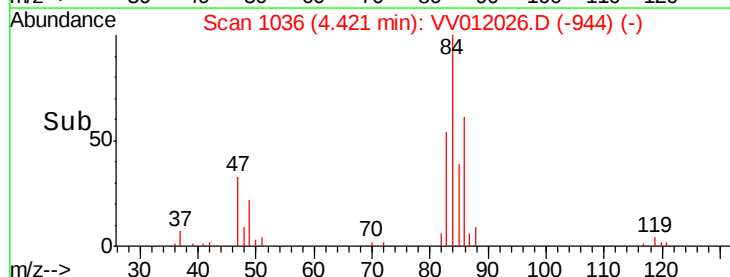
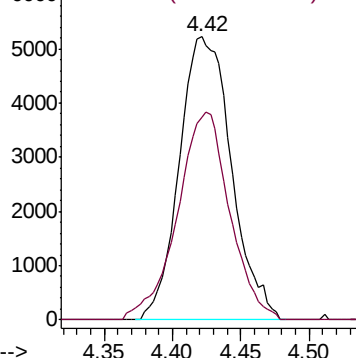
83 100

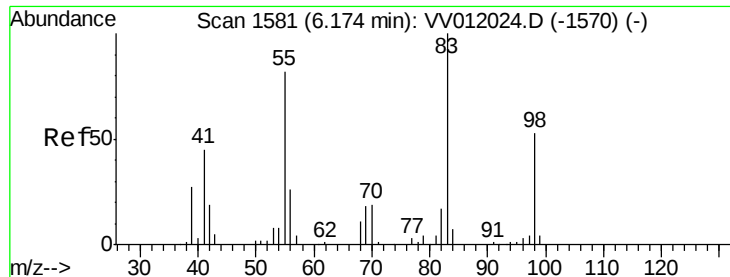
85 71.8 46.5 86.3



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

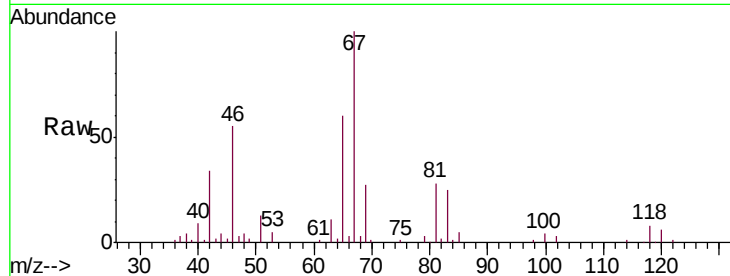




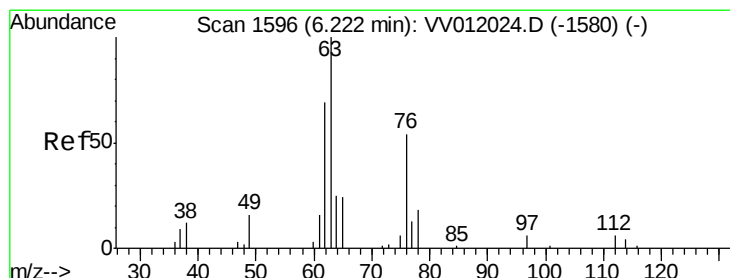
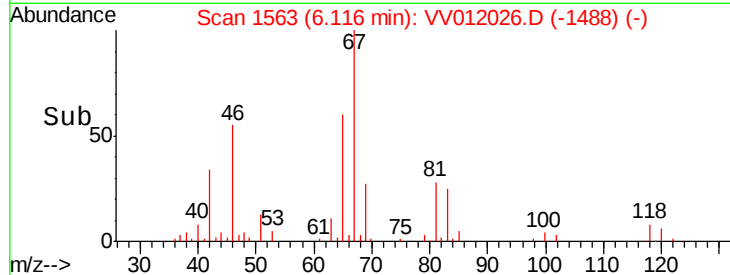
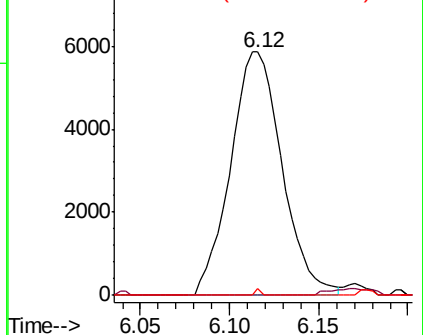
#35
Methylcyclohexane
Concen: 0.628 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012026.D
Acq: 25 Jul 2019 14:09

Instrument :
MSVOA_V
ClientSampleId :
DB9A6DL

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.4	63.0	94.4#
98	0.3	41.4	62.0#

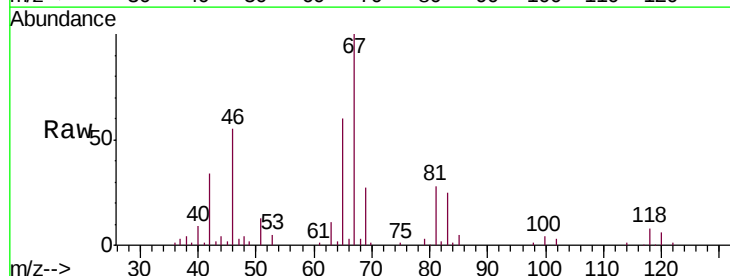


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

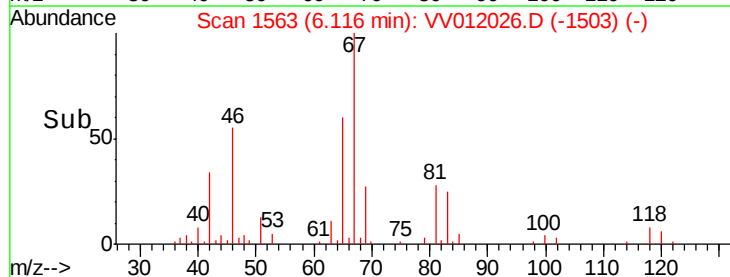
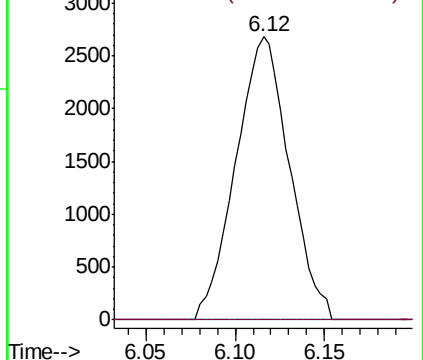


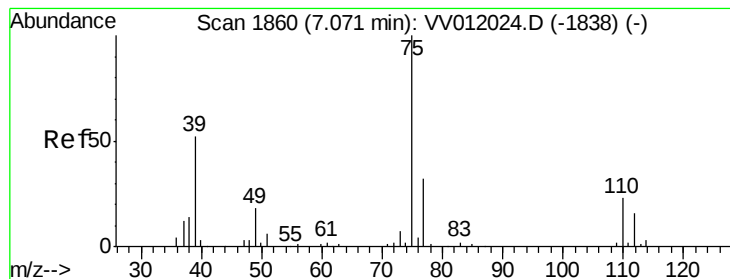
#37
1,2-Dichloropropane
Concen: 0.538 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV012026.D
Acq: 25 Jul 2019 14:09

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



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



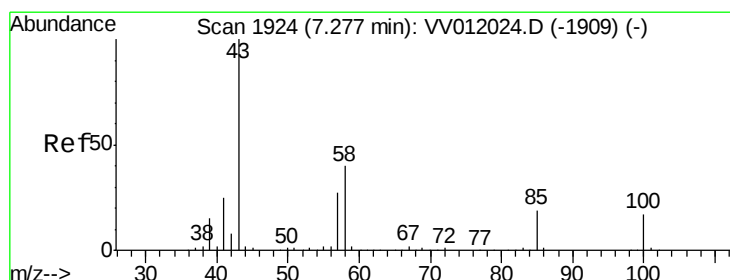
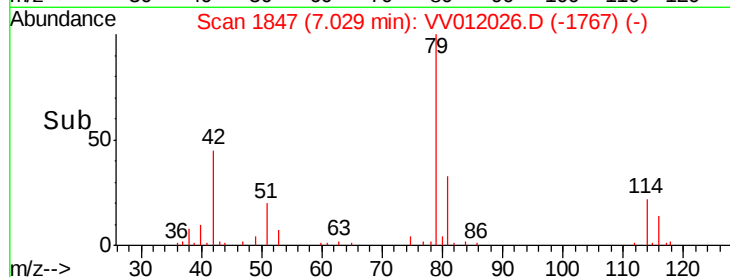
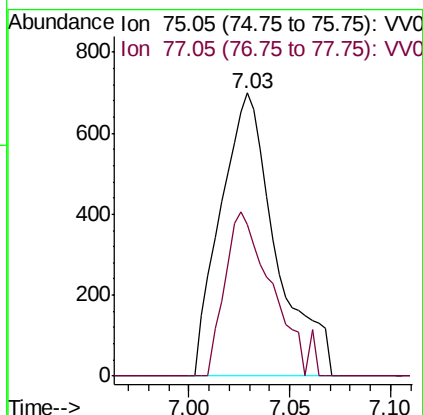
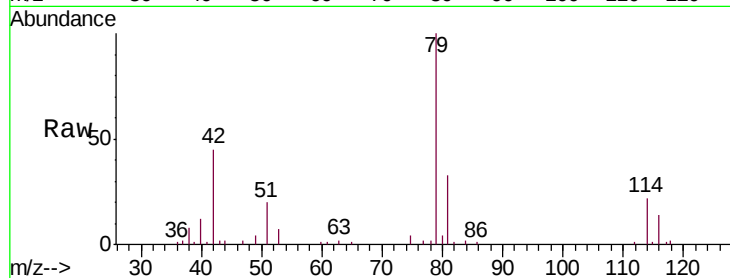


#39

cis-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012026.D
 Acq: 25 Jul 2019 14:09

Instrument :
 MSVOA_V
 ClientSampleId :
 DB9A6DL

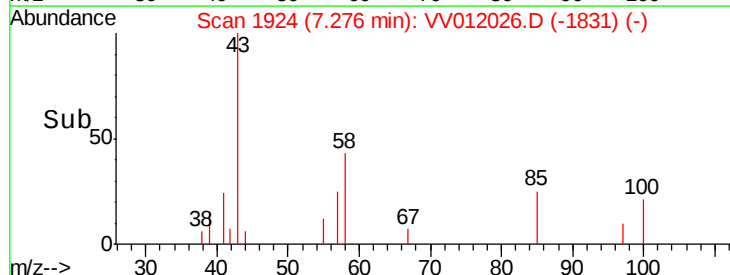
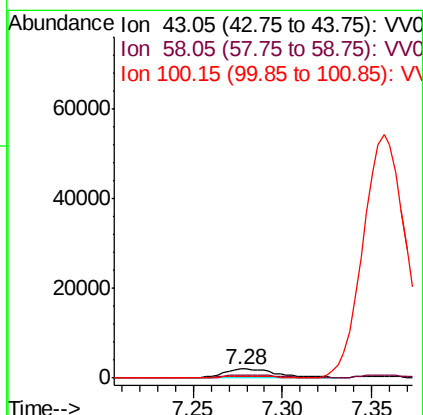
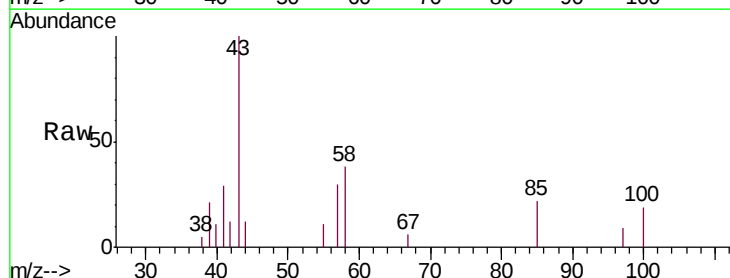
Tgt Ion: 75 Resp: 1334
 Ion Ratio Lower Upper
 75 100
 77 53.6 21.3 39.6#

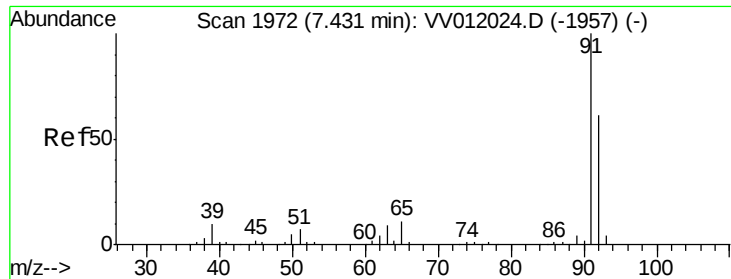


#40

4-Methyl-2-pentanone
 Concen: 0.752 ug/L
 RT: 7.28 min Scan# 1924
 Delta R.T. -0.00 min
 Lab File: VV012026.D
 Acq: 25 Jul 2019 14:09

Tgt Ion: 43 Resp: 4397
 Ion Ratio Lower Upper
 43 100
 58 38.6 31.2 46.8
 100 0.0 13.5 20.3#





#42

Toluene

Concen: 0.293 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VV012026.D

Acq: 25 Jul 2019 14:09

Instrument :

MSVOA_V

ClientSampleId :

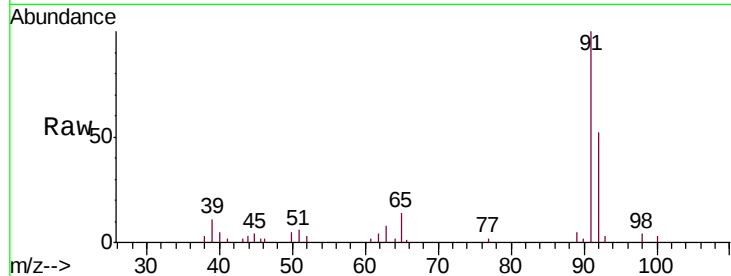
DB9A6DL

Tgt Ion: 91 Resp: 13697

Ion Ratio Lower Upper

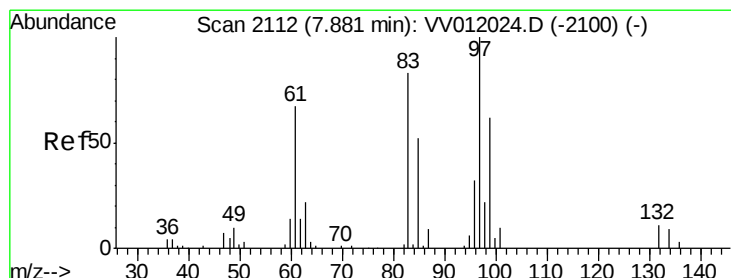
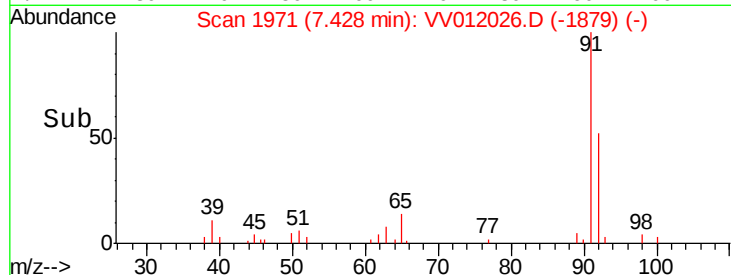
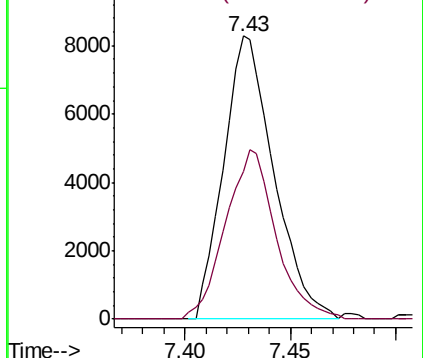
91 100

92 52.4 41.9 77.9



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#45

1,1,2-Trichloroethane

Concen: 0.237 ug/L

RT: 7.84 min Scan# 2098

Delta R.T. -0.05 min

Lab File: VV012026.D

Acq: 25 Jul 2019 14:09

Tgt Ion: 97 Resp: 1716

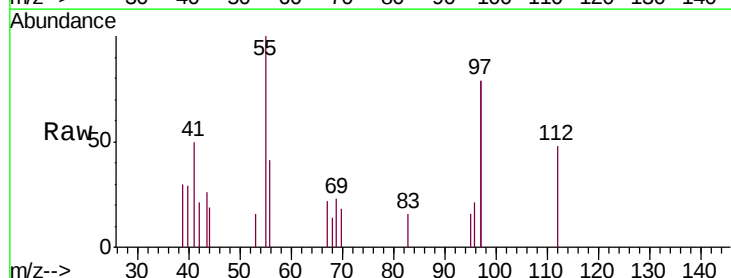
Ion Ratio Lower Upper

97 100

99 0.0 44.0 81.8#

83 10.1 59.5 110.5#

85 0.0 36.6 68.0#

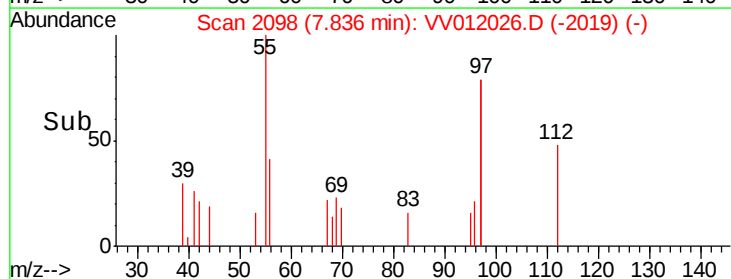
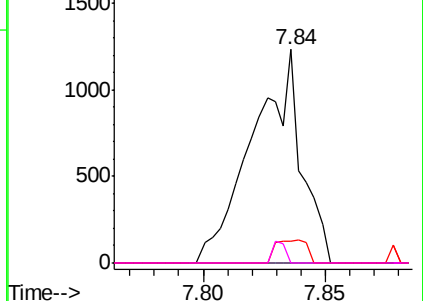


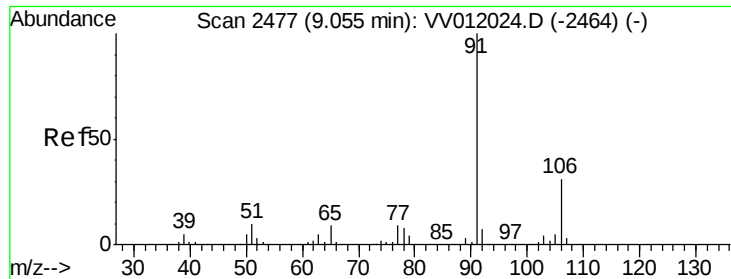
Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0





#52

Ethylbenzene

Concen: 2.794 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. -0.00 min

Lab File: VV012026.D

Acq: 25 Jul 2019 14:09

Instrument :

MSVOA_V

ClientSampled :

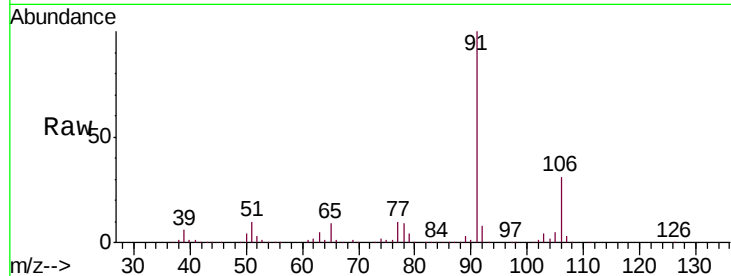
DB9A6DL

Tgt Ion: 91 Resp: 148970

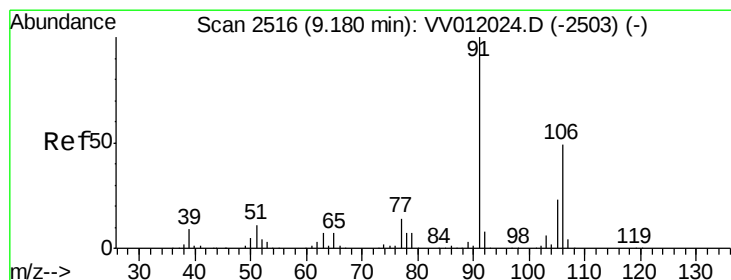
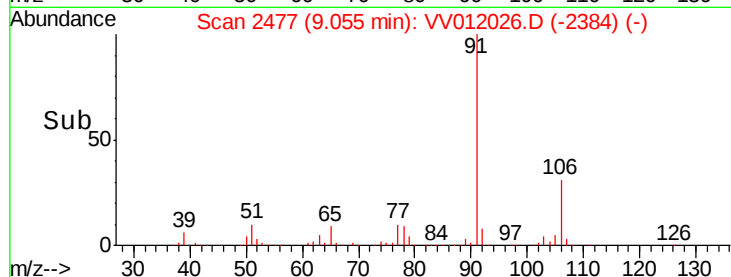
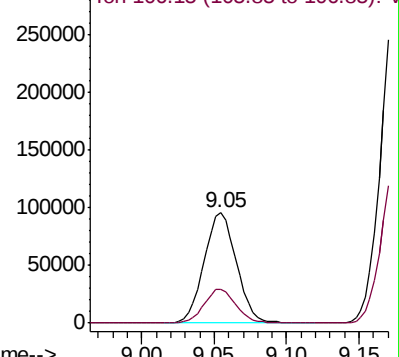
Ion Ratio Lower Upper

91 100

106 30.8 21.6 40.0



Abundance Ion 91.15 (90.85 to 91.85): VV012026.D (-2384) (-)



#53

m,p-xylene

Concen: 13.108 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. -0.00 min

Lab File: VV012026.D

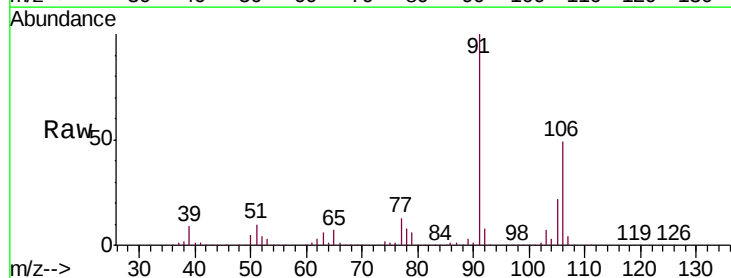
Acq: 25 Jul 2019 14:09

Tgt Ion: 106 Resp: 266021

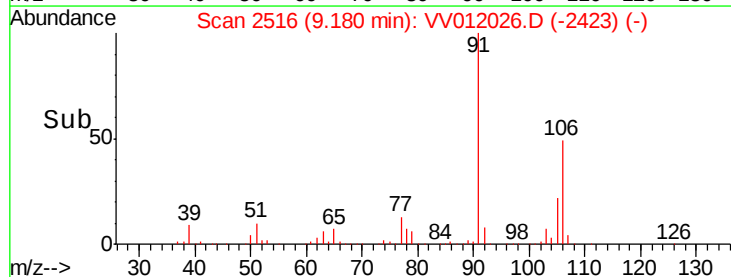
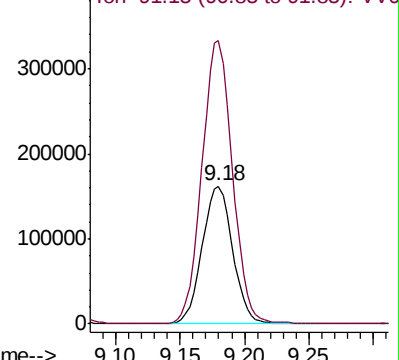
Ion Ratio Lower Upper

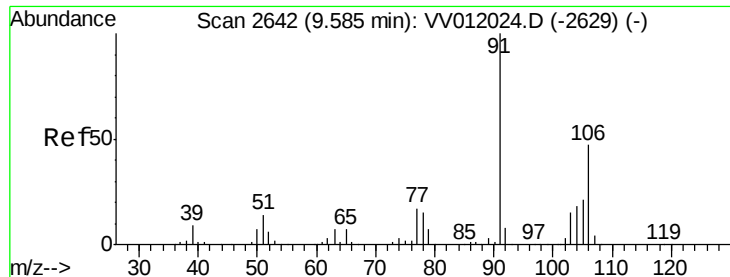
106 100

91 205.7 142.7 265.1



Abundance Ion 106.15 (105.85 to 106.85): VV012026.D (-2423) (-)

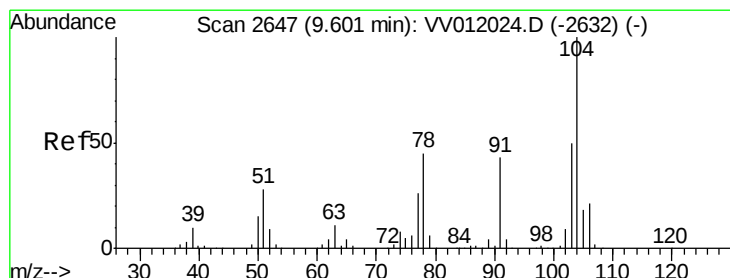
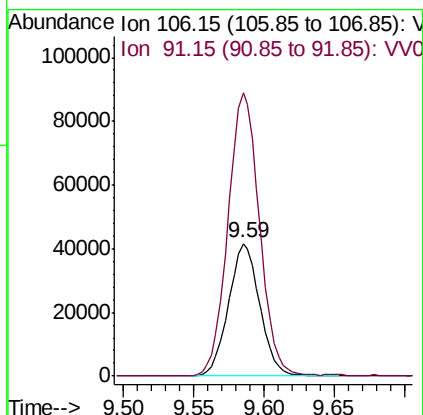
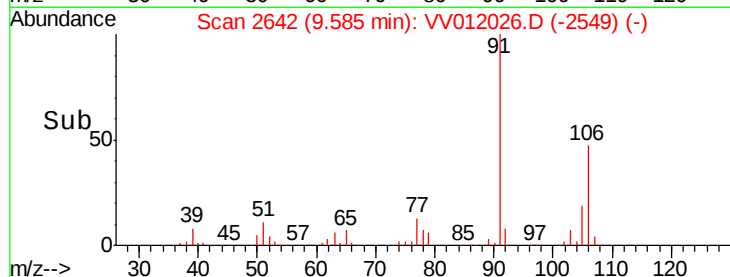
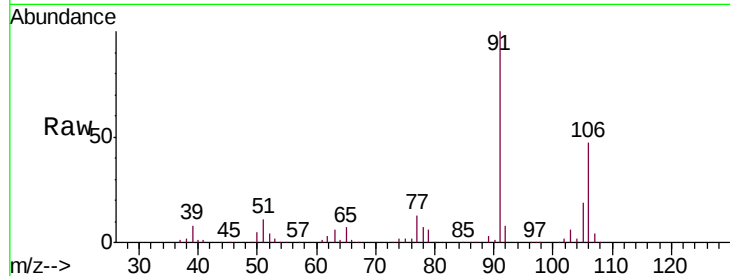




#54
o-xylene
Concen: 3.361 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. -0.00 min
Lab File: VV012026.D
Acq: 25 Jul 2019 14:09

Instrument :
MSVOA_V
ClientSampleId :
DB9A6DL

Tgt Ion:106 Resp: 64684
Ion Ratio Lower Upper
106 100
91 213.6 151.0 280.4



#55
Styrene
Concen: 0.130 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. -0.01 min
Lab File: VV012026.D
Acq: 25 Jul 2019 14:09

Tgt Ion:104 Resp: 4225
Ion Ratio Lower Upper
104 100
78 302.1 30.8 57.2#

