

Data File : VV012029.D
Acq On : 25 Jul 2019 15:29
Operator : SY/MD
Sample : K3960-02DL 10X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB9A7DL

Quant Time: Jul 26 02:39:11 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	132763	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	129030	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	65087	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26438	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.58	69	24228	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.13	63	43316	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	3.93	46	101494	50.32	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.64%
24) Chloroform-d	4.40	84	80430	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.08	65	46450	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.10	84	158734	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.12	67	47382	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.36	98	140045	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	7.66	79	17866	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.13	63	82264	49.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.04%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34817	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	61576	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

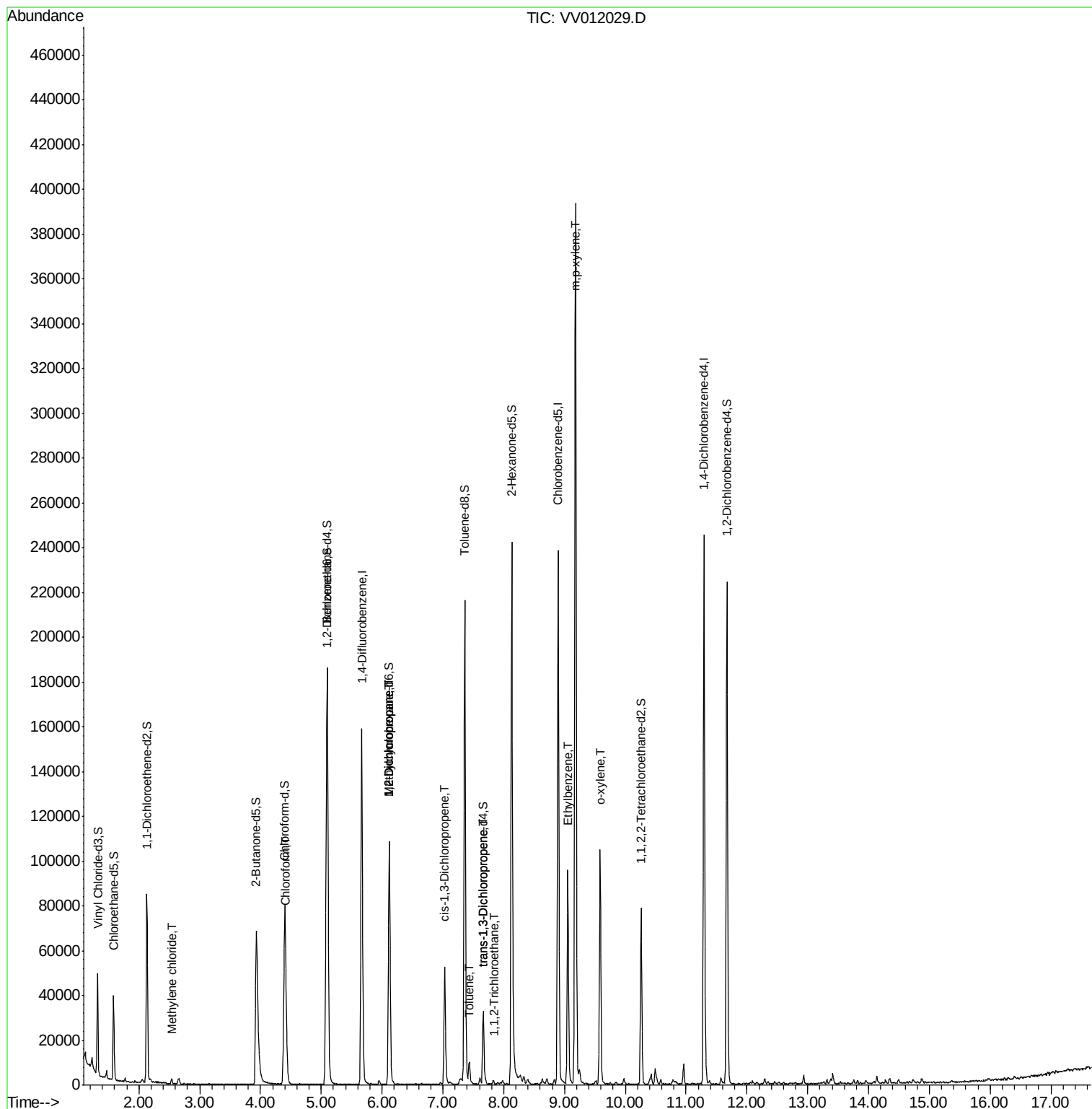
						Qvalue
16) Methylene chloride	2.54	84	830	0.123	ug/L	94
25) Chloroform	4.42	83	7987	0.398	ug/L	92
35) Methylcyclohexane	6.12	83	12503	0.762	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	5856	0.642	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1291	0.095	ug/L #	32
42) Toluene	7.43	91	6907	0.170	ug/L	99
44) trans-1,3-Dichloropropene	7.66	75	926	0.086	ug/L	84
45) 1,1,2-Trichloroethane	7.84	97	556	0.088	ug/L #	16
52) Ethylbenzene	9.05	91	63724	1.370	ug/L	96
53) m,p-xylene	9.18	106	112306	6.345	ug/L	97
54) o-xylene	9.59	106	27611	1.645	ug/L	97

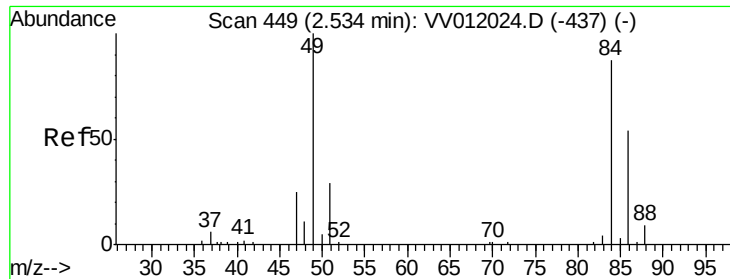
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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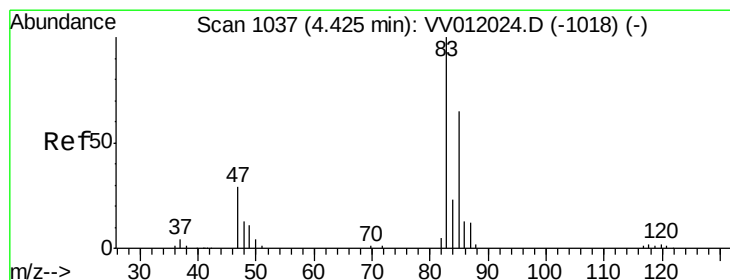
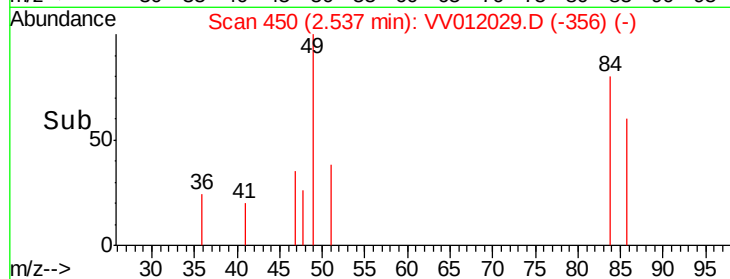
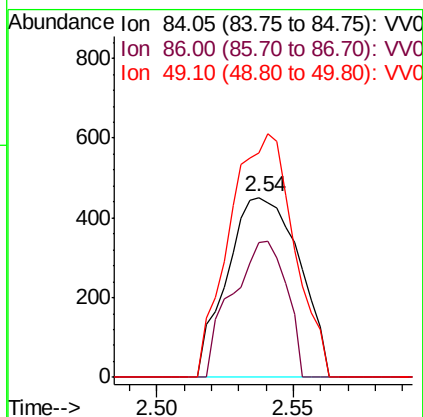
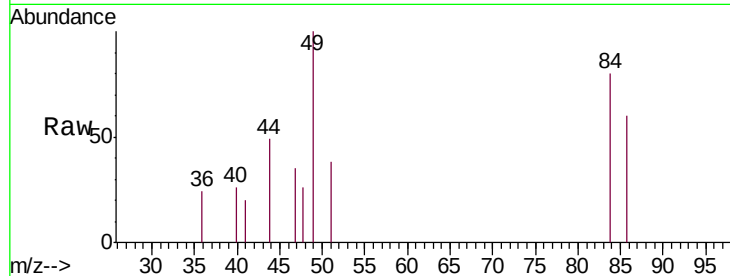




#16
Methylene chloride
Concen: 0.123 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV012029.D
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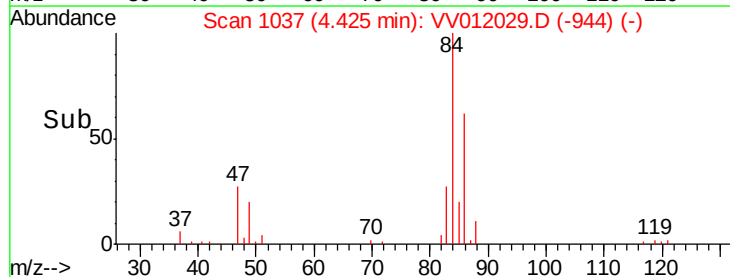
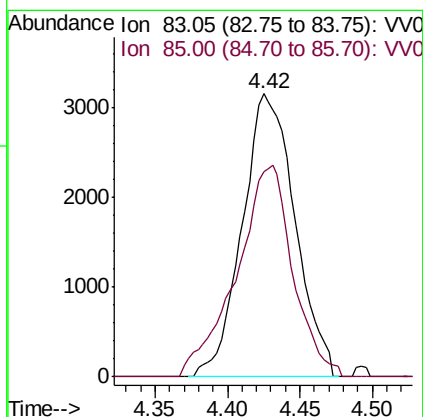
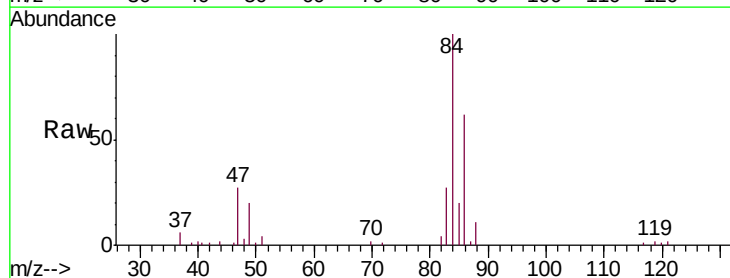
Instrument :
MSVOA_V
ClientSampleId :
DB9A7DL

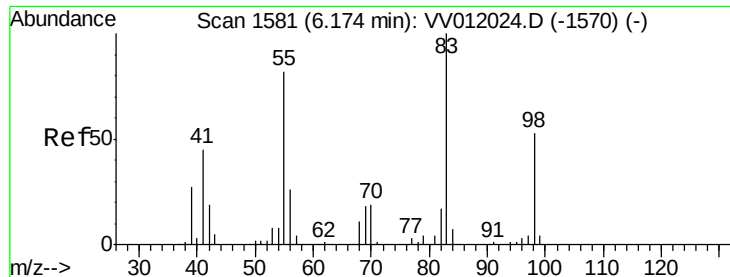
Tgt Ion: 84 Resp: 830
Ion Ratio Lower Upper
84 100
86 75.0 47.6 88.4
49 124.6 84.3 156.5



#25
Chloroform
Concen: 0.398 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV012029.D
Acq: 25 Jul 2019 15:29

Tgt Ion: 83 Resp: 7987
Ion Ratio Lower Upper
83 100
85 72.7 46.5 86.3

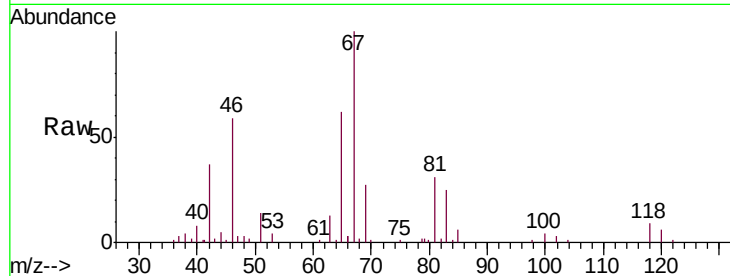




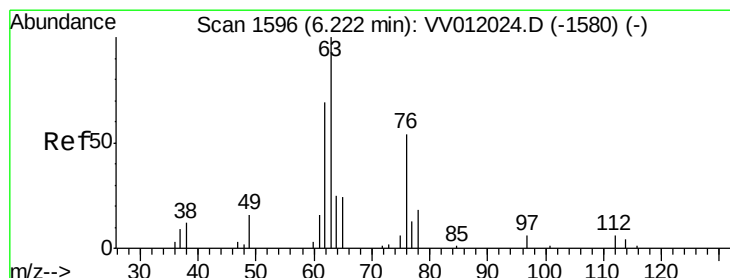
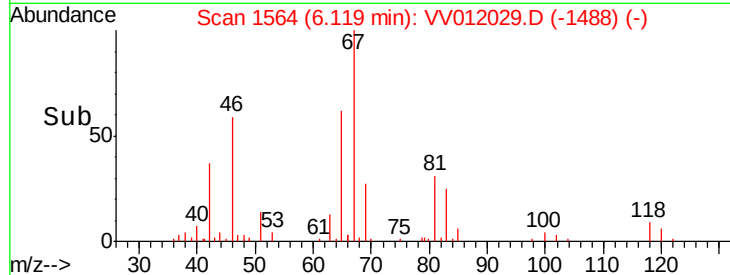
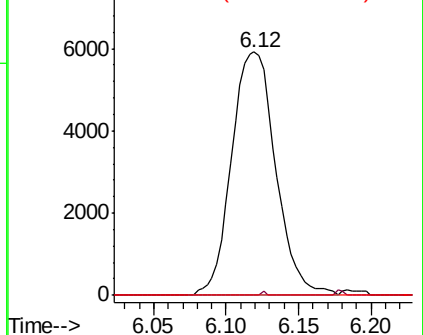
#35
Methylcyclohexane
Concen: 0.762 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV012029.D
Acq: 25 Jul 2019 15:29

Instrument :
MSVOA_V
ClientSampleId :
DB9A7DL

Tgt Ion: 83 Resp: 12503
Ion Ratio Lower Upper
83 100
55 0.2 63.0 94.4#
98 0.2 41.4 62.0#

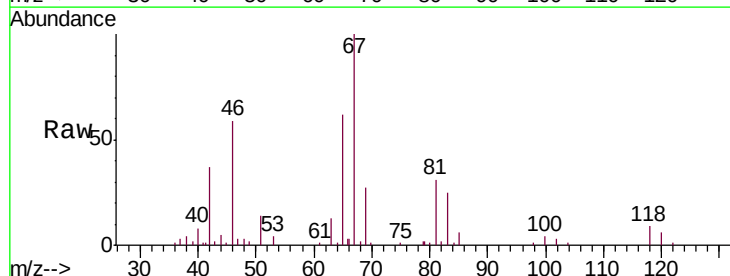


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

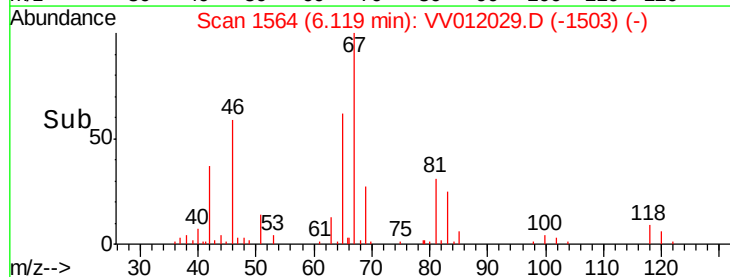
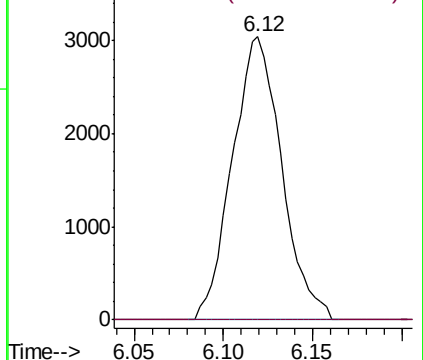


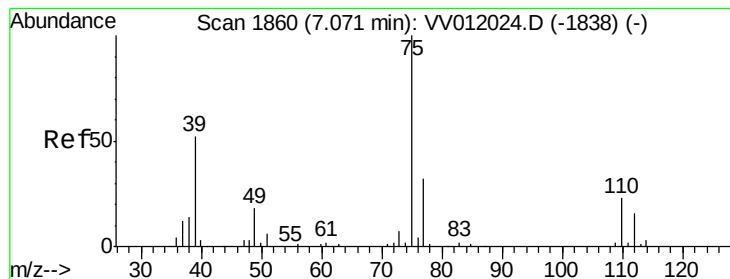
#37
1,2-Dichloropropane
Concen: 0.642 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV012029.D
Acq: 25 Jul 2019 15:29

Tgt Ion: 63 Resp: 5856
Ion Ratio Lower Upper
63 100
112 0.7 4.2 6.4#



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



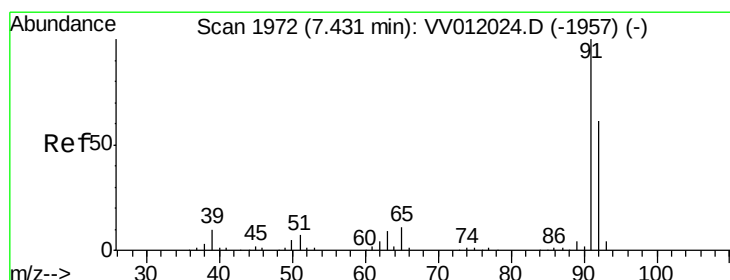
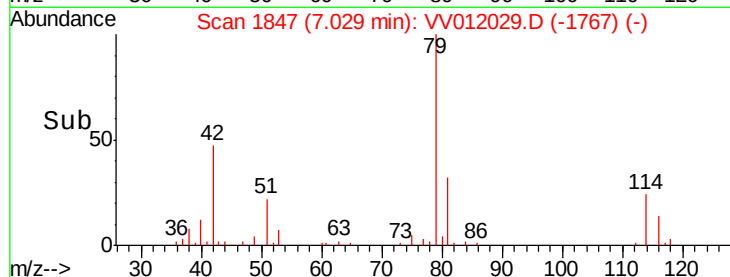
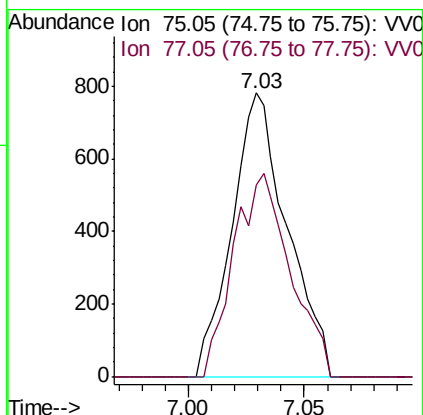
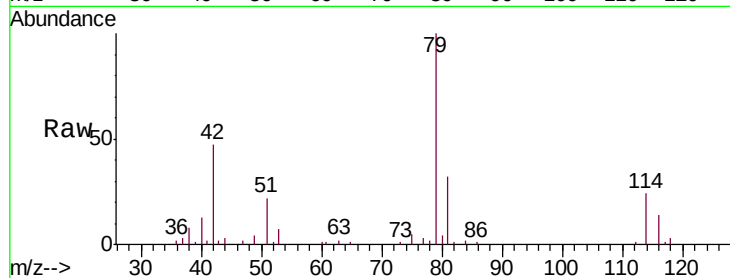


#39

cis-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV012029.D
Acq: 25 Jul 2019 15:29

Instrument :
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DB9A7DL

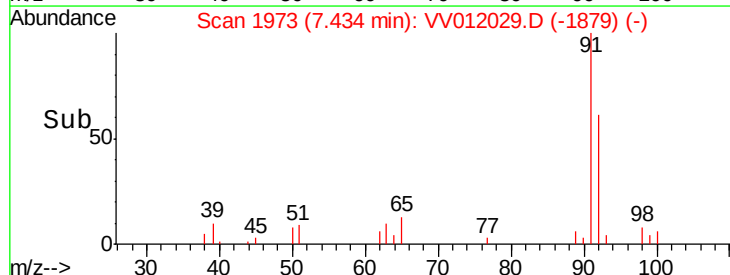
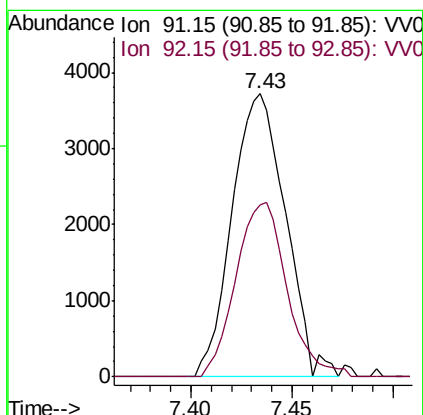
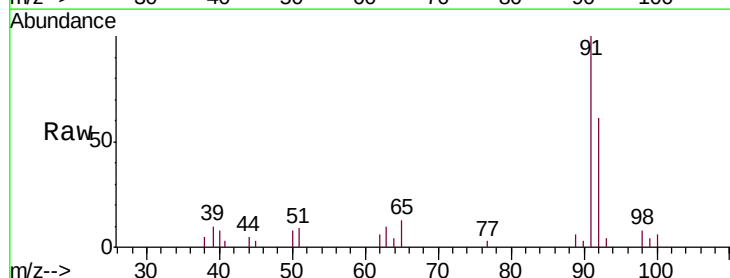
Tgt Ion: 75 Resp: 1291
Ion Ratio Lower Upper
75 100
77 67.7 21.3 39.6#

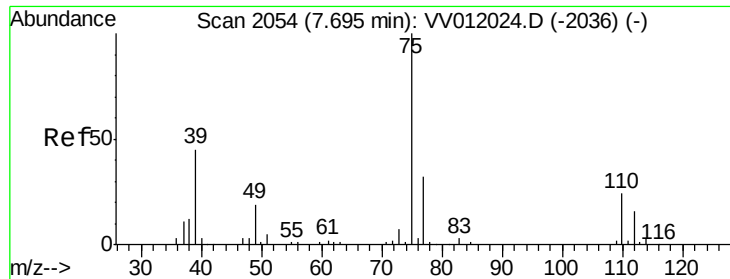


#42

Toluene
Concen: 0.170 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV012029.D
Acq: 25 Jul 2019 15:29

Tgt Ion: 91 Resp: 6907
Ion Ratio Lower Upper
91 100
92 60.8 41.9 77.9





#44

trans-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012029.D

Acq: 25 Jul 2019 15:29

Instrument :

MSVOA_V

ClientSampleId :

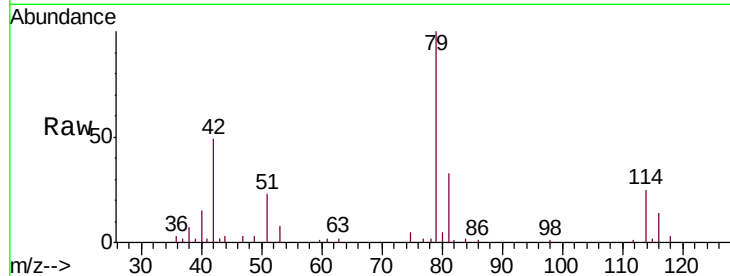
DB9A7DL

Tgt Ion: 75 Resp: 926

Ion Ratio Lower Upper

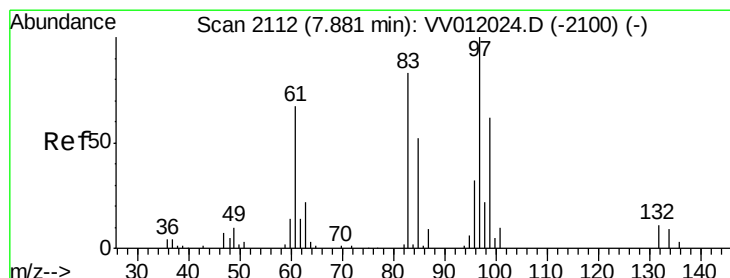
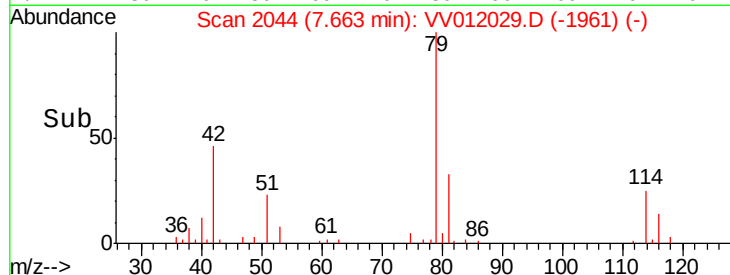
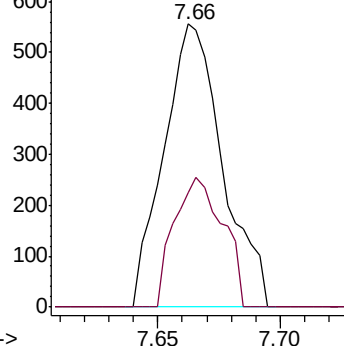
75 100

77 40.5 22.0 40.8



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#45

1,1,2-Trichloroethane

Concen: 0.088 ug/L

RT: 7.84 min Scan# 2098

Delta R.T. -0.04 min

Lab File: VV012029.D

Acq: 25 Jul 2019 15:29

Tgt Ion: 97 Resp: 556

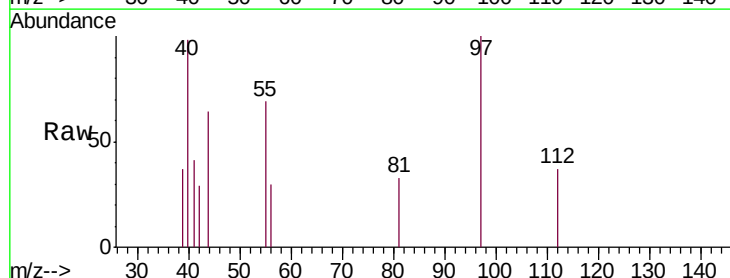
Ion Ratio Lower Upper

97 100

99 0.0 44.0 81.8#

83 0.0 59.5 110.5#

85 0.0 36.6 68.0#

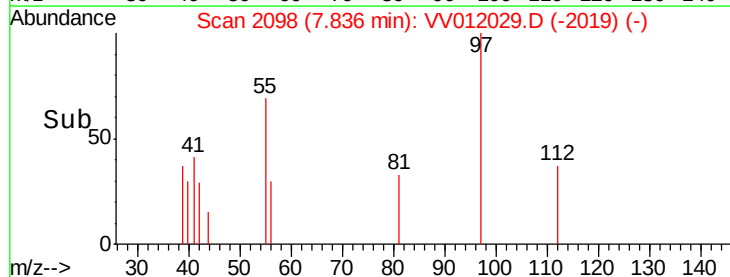
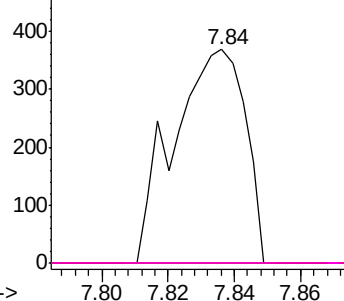


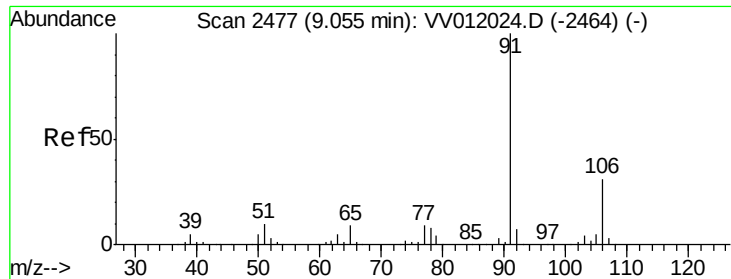
Abundance Ion 96.95 (96.65 to 97.65): VV0

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: 1.370 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV012029.D

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Instrument :

MSVOA_V

ClientSampleId :

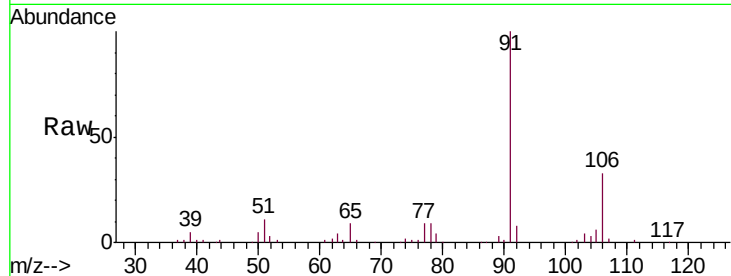
DB9A7DL

Tgt Ion: 91 Resp: 63724

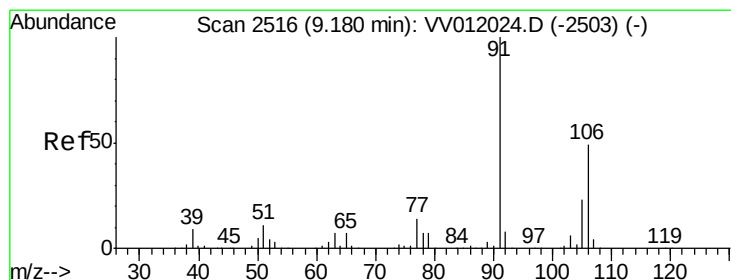
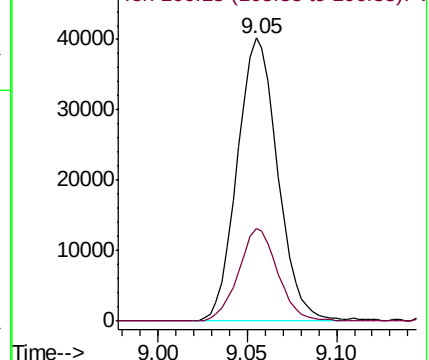
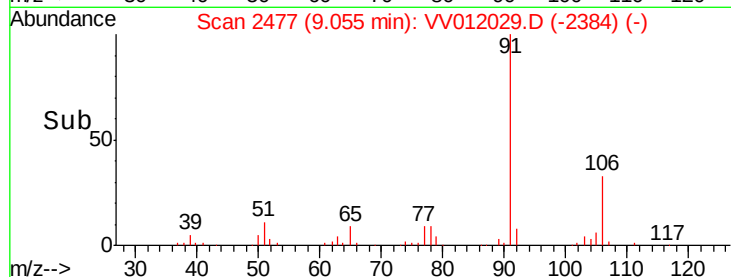
Ion Ratio Lower Upper

91 100

106 32.9 21.6 40.0



Abundance Ion 91.15 (90.85 to 91.85): VV012029.D (-2384) (-)



#53

m,p-xylene

Concen: 6.345 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV012029.D

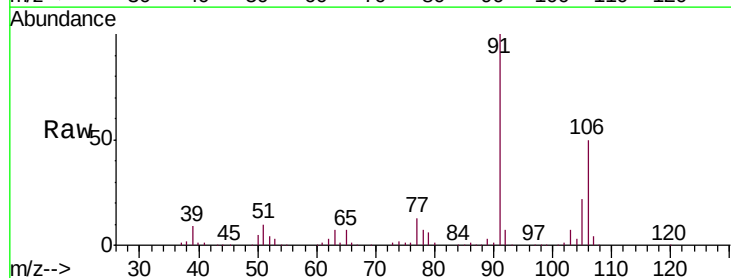
Acq: 25 Jul 2019 15:29

Tgt Ion: 106 Resp: 112306

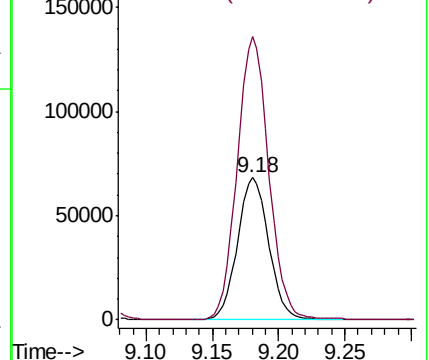
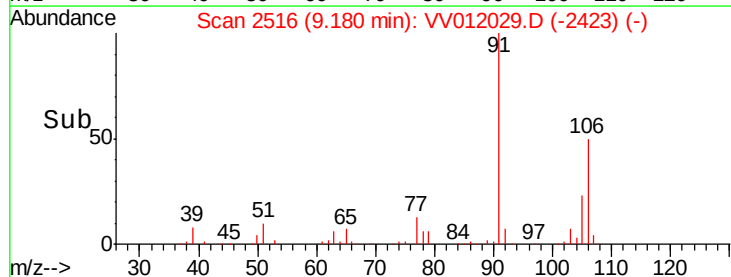
Ion Ratio Lower Upper

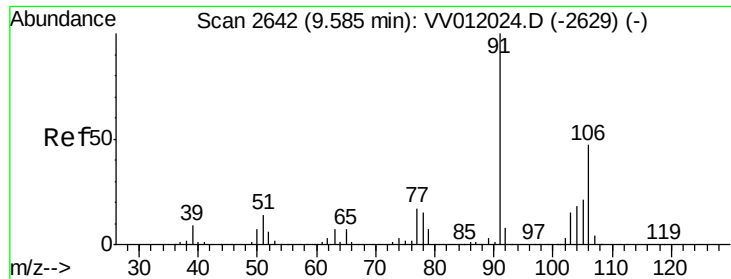
106 100

91 198.9 142.7 265.1



Abundance Ion 106.15 (105.85 to 106.85): VV012029.D (-2423) (-)





#54
 o-xylene
 Concen: 1.645 ug/L
 RT: 9.59 min Scan# 2642
 Delta R.T. 0.00 min
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 Acq: 25 Jul 2019 15:29

Instrument :
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 DB9A7DL

Tgt Ion:106 Resp: 27611
 Ion Ratio Lower Upper
 106 100
 91 210.3 151.0 280.4

