

Data File : VV012541.D
Acq On : 02 Sep 2019 20:51
Operator : SY/MD
Sample : K4607-04
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFD61

Quant Time: Sep 03 05:50:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 05:44:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	135528	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	138574	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	56961	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	65021	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.58	69	66386	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.13	63	112009	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.96	46	125623	50.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.16%
24) Chloroform-d	4.40	84	99898	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.08	65	56466	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.10	84	190311	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.12	67	61277	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.36	98	156044	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.66	79	19144	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.14	63	71072	42.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.70%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40139	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	55302	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

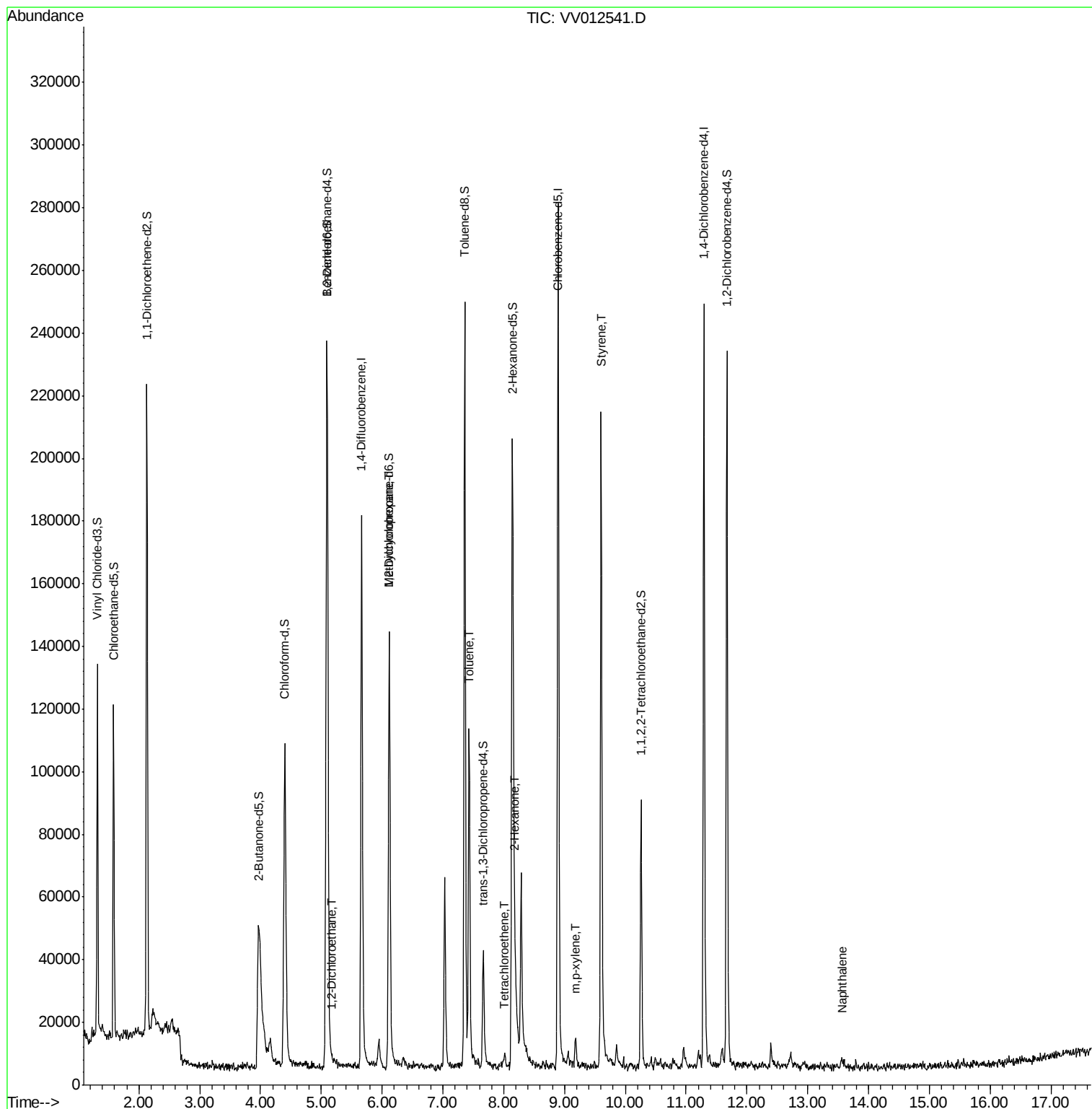
					Qvalue	
27) 1,2-Dichloroethane	5.18	62	835	0.051	ug/L #	76
35) Methylcyclohexane	6.12	83	13850	0.578	ug/L #	18
42) Toluene	7.43	91	72494	1.172	ug/L	99
47) Tetrachloroethene	8.02	164	1046	0.092	ug/L #	70
48) 2-Hexanone	8.19	43	10579	1.707	ug/L #	79
53) m,p-xylene	9.18	106	2307	0.094	ug/L	76
55) Styrene	9.60	104	92075	2.344	ug/L	96
69) Naphthalene	13.56	128	1729	0.089	ug/L #	86

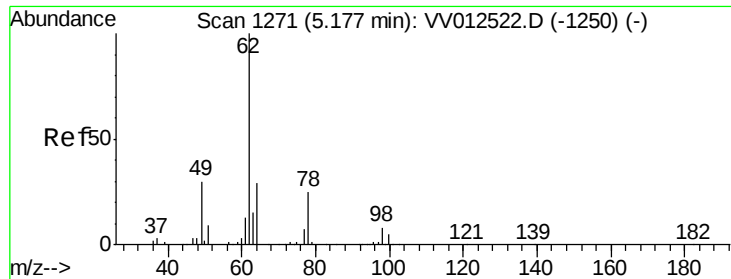
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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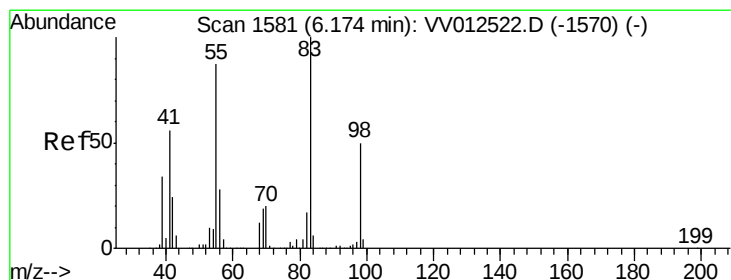
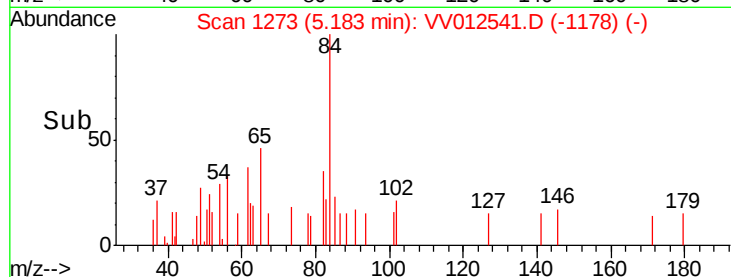
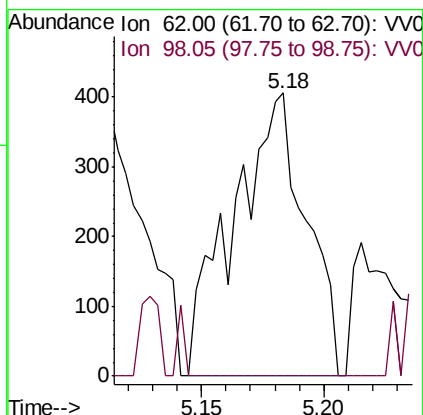
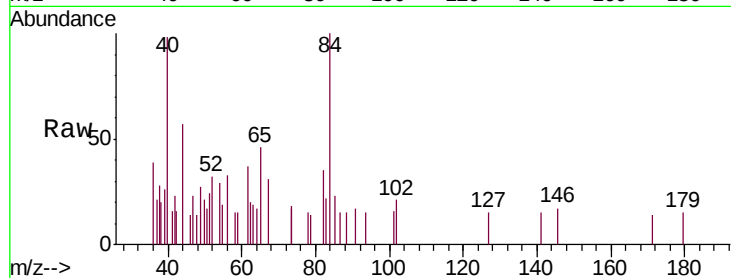




#27
 1,2-Dichloroethane
 Concen: 0.051 ug/L
 RT: 5.18 min Scan# 1273
 Delta R.T. 0.01 min
 Lab File: VV012541.D
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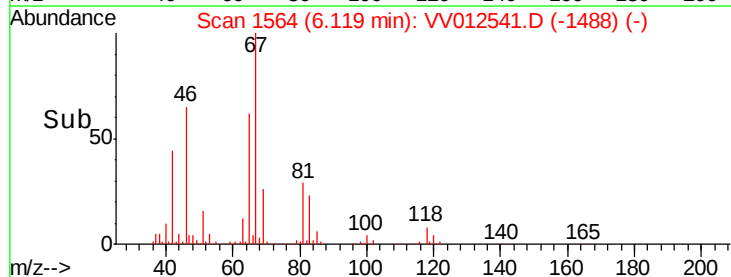
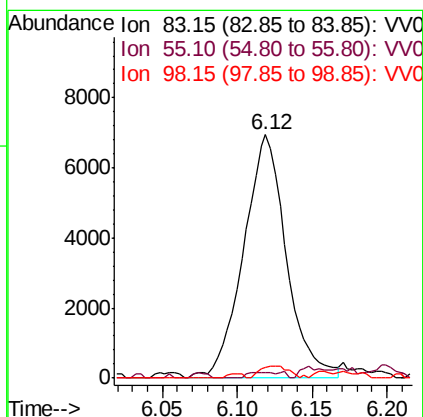
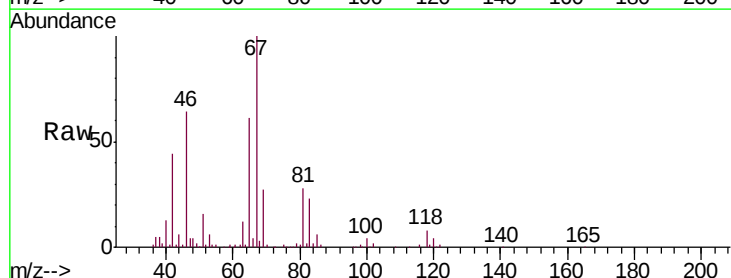
Instrument :
 MSVOA_V
 ClientSampled :
 BFD61

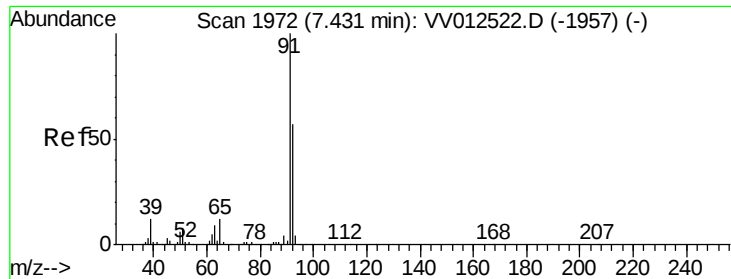
Tgt Ion: 62 Resp: 835
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.7 10.1#



#35
 Methylcyclohexane
 Concen: 0.578 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.05 min
 Lab File: VV012541.D
 Acq: 02 Sep 2019 20:51

Tgt Ion: 83 Resp: 13850
 Ion Ratio Lower Upper
 83 100
 55 1.9 67.3 100.9#
 98 3.2 37.4 56.2#





#42

Toluene

Concen: 1.172 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VV012541.D

Acq: 02 Sep 2019 20:51

Instrument :

MSVOA_V

ClientSampleId :

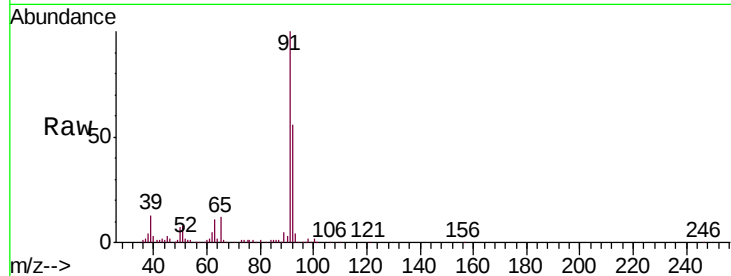
BFD61

Tgt Ion: 91 Resp: 72494

Ion Ratio Lower Upper

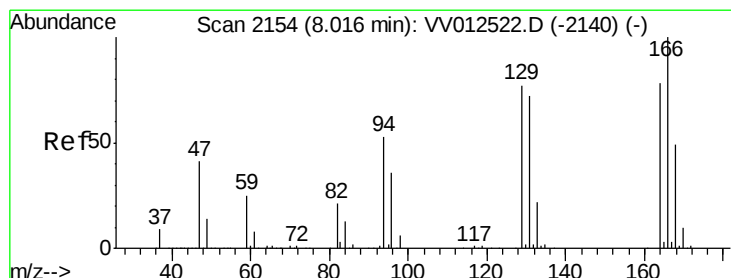
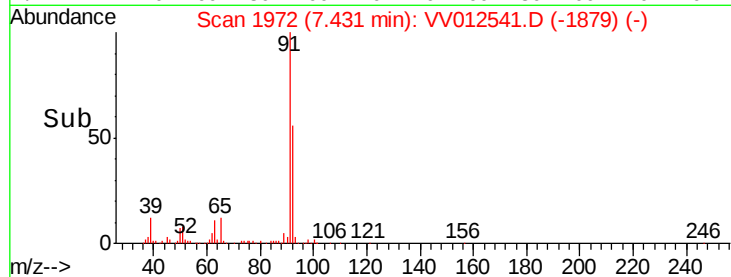
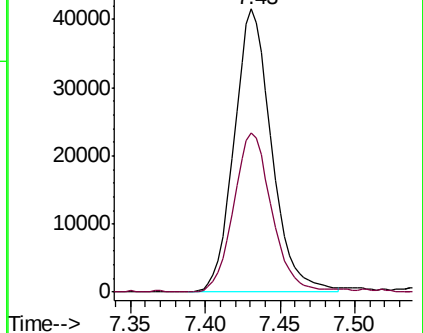
91 100

92 56.0 39.6 73.6



Abundance Ion 91.15 (90.85 to 91.85): VV012522.D (-1957) (-)

Ion 92.15 (91.85 to 92.85): VV012522.D (-1957) (-)



#47

Tetrachloroethene

Concen: 0.092 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012541.D

Acq: 02 Sep 2019 20:51

Tgt Ion: 164 Resp: 1046

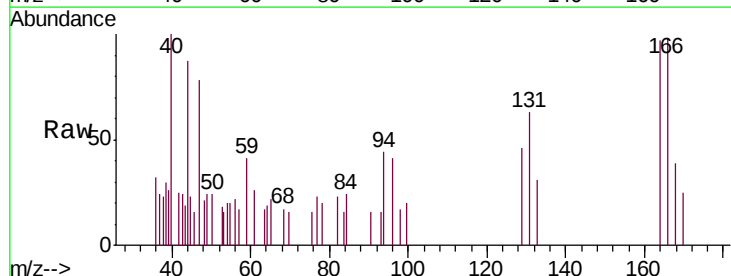
Ion Ratio Lower Upper

164 100

129 47.2 64.5 119.9#

131 65.1 62.3 115.7

166 101.6 86.5 160.6

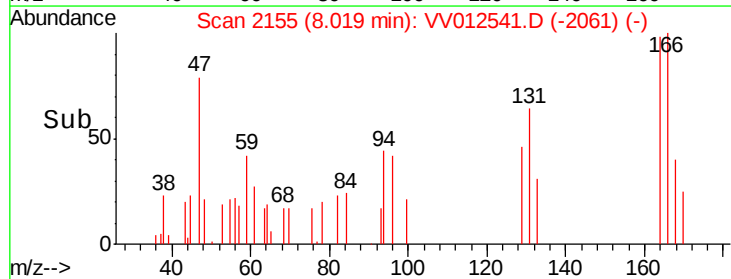
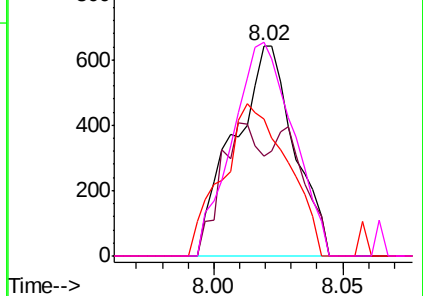


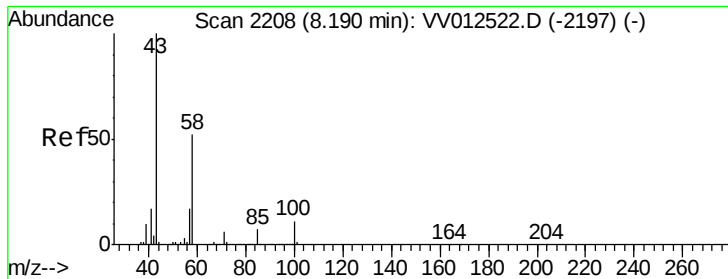
Abundance Ion 163.90 (163.60 to 164.60): VV012522.D (-2140) (-)

Ion 128.95 (128.65 to 129.65): VV012522.D (-2140) (-)

Ion 130.95 (130.65 to 131.65): VV012522.D (-2140) (-)

Ion 165.90 (165.60 to 166.60): VV012522.D (-2140) (-)





#48

2-Hexanone

Concen: 1.707 ug/L

RT: 8.19 min Scan# 2207

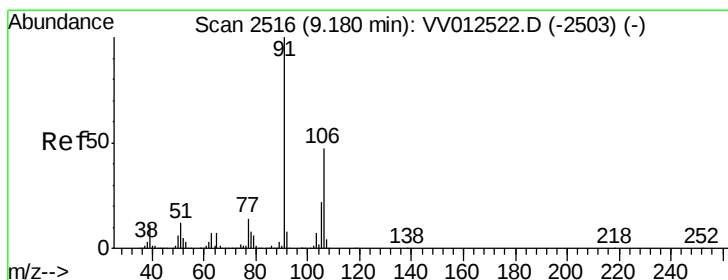
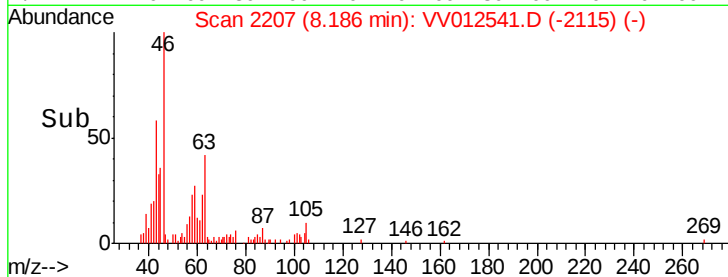
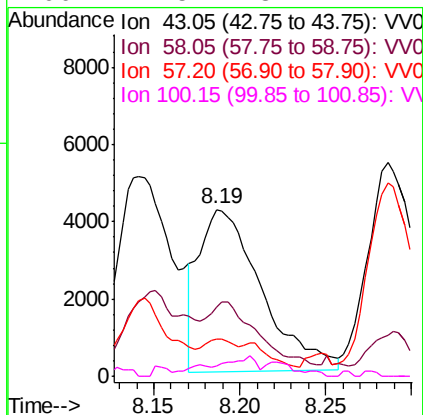
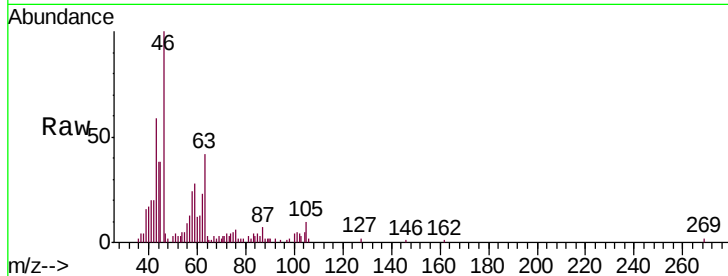
Delta R.T. -0.00 min

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ClientSampled :
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Tgt Ion:	43	Resp:	10579
Ion	Ratio	Lower	Upper
43	100		
58	37.7	40.0	60.0#
57	3.5	13.4	20.2#
100	2.5	8.2	12.2#



#53

m,p-xylene

Concen: 0.094 ug/L

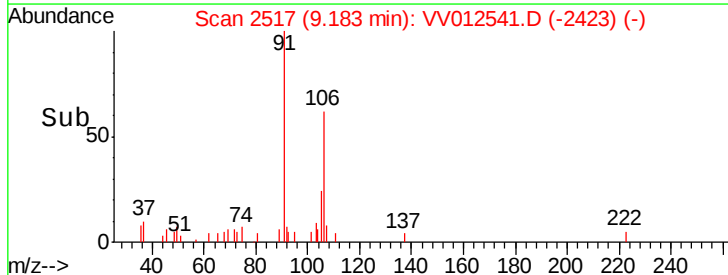
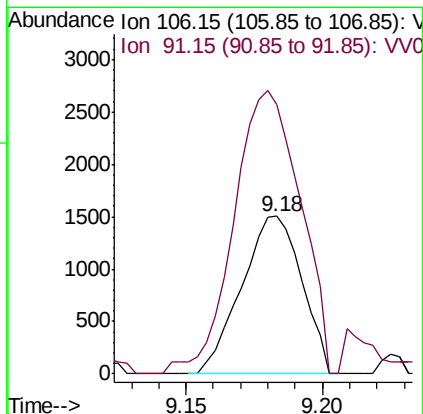
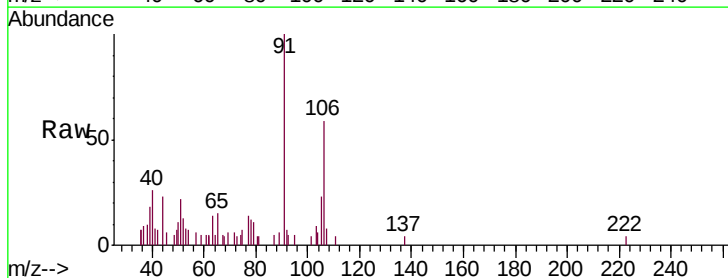
RT: 9.18 min Scan# 2517

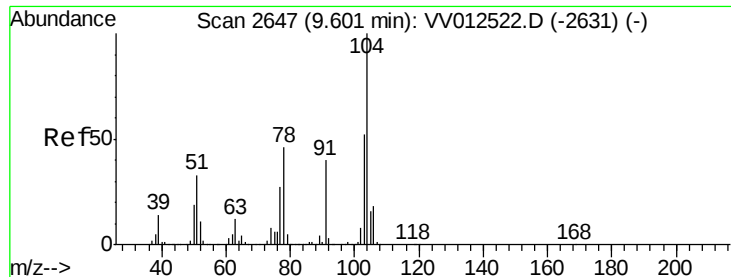
Delta R.T. 0.00 min

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Tgt Ion:	106	Resp:	2307
Ion	Ratio	Lower	Upper
106	100		
91	170.3	145.8	270.8





#55

Styrene

Concen: 2.344 ug/L

RT: 9.60 min Scan# 2648

Delta R.T. 0.00 min

Lab File: VV012541.D

Acq: 02 Sep 2019 20:51

Instrument :

MSVOA_V

ClientSampleId :

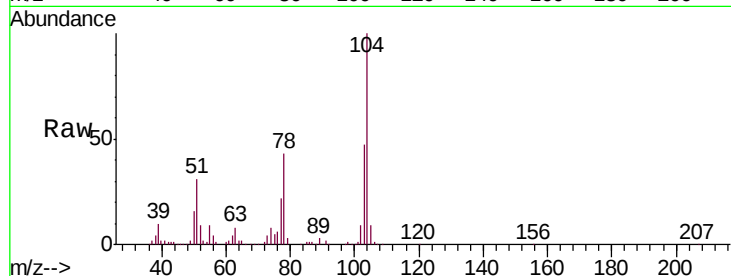
BFD61

Tgt Ion:104 Resp: 92075

Ion Ratio Lower Upper

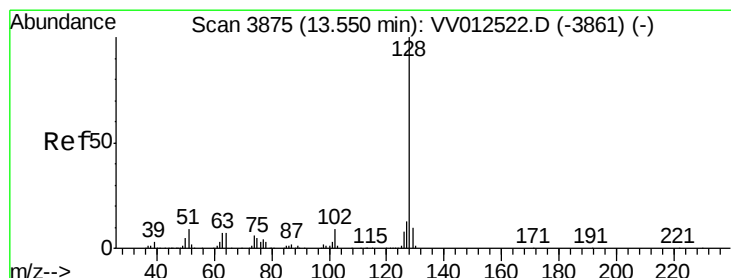
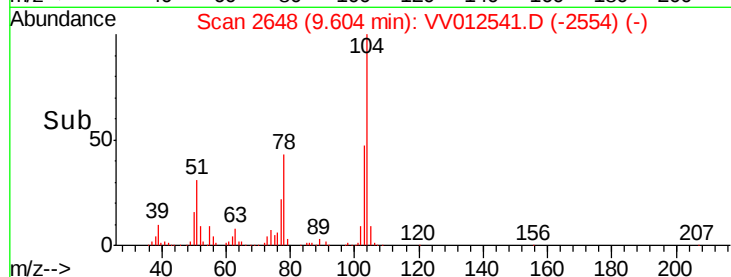
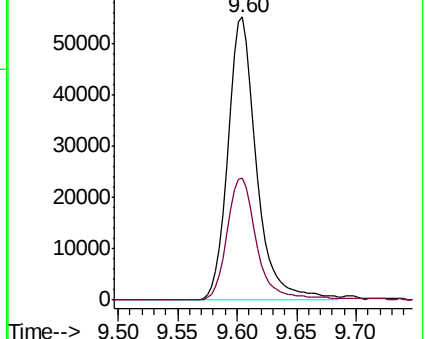
104 100

78 43.3 32.3 60.1



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0



#69

Naphthalene

Concen: 0.089 ug/L

RT: 13.56 min Scan# 3878

Delta R.T. 0.01 min

Lab File: VV012541.D

Acq: 02 Sep 2019 20:51

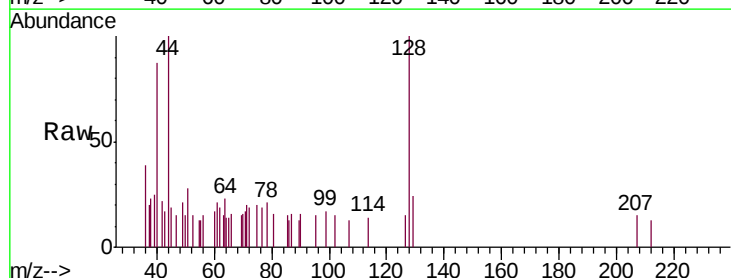
Tgt Ion:128 Resp: 1729

Ion Ratio Lower Upper

128 100

129 17.3 8.8 13.2#

127 9.0 11.0 16.4#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

