

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103019\
 Data File : VV013437.D
 Acq On : 30 Oct 2019 17:51
 Operator : SY/MD
 Sample : K5597-11
 Misc : 25.0ML/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQE0

Manual Integrations
 APPROVED

MMDadoda
 10/31/2019 11:07:22 AM

Quant Time: Oct 31 05:20:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 31 02:41:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	324174	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	349278	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	180135	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	122850	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.58	69	110746	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.13	63	162726	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	3.96	46	380721	54.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.56%
24) Chloroform-d	4.40	84	276752	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.08	65	148172	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.10	84	565012	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.12	67	182018	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.36	98	470061	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	7.66	79	62359	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.13	63	225165	49.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.96%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	124372	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	187328	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds					Qvalue
14) Carbon disulfide	2.31	76	12786	0.171 ug/L #	85
30) Cyclohexane	4.73	56	6093	0.112 ug/L #	87
33) Benzene	5.15	78	66162m	0.507 ug/L	
35) Methylcyclohexane	6.17	83	3952	0.074 ug/L #	57
42) Toluene	7.43	91	13266	0.097 ug/L	82
47) Tetrachloroethene	8.02	164	19327	0.637 ug/L	97

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

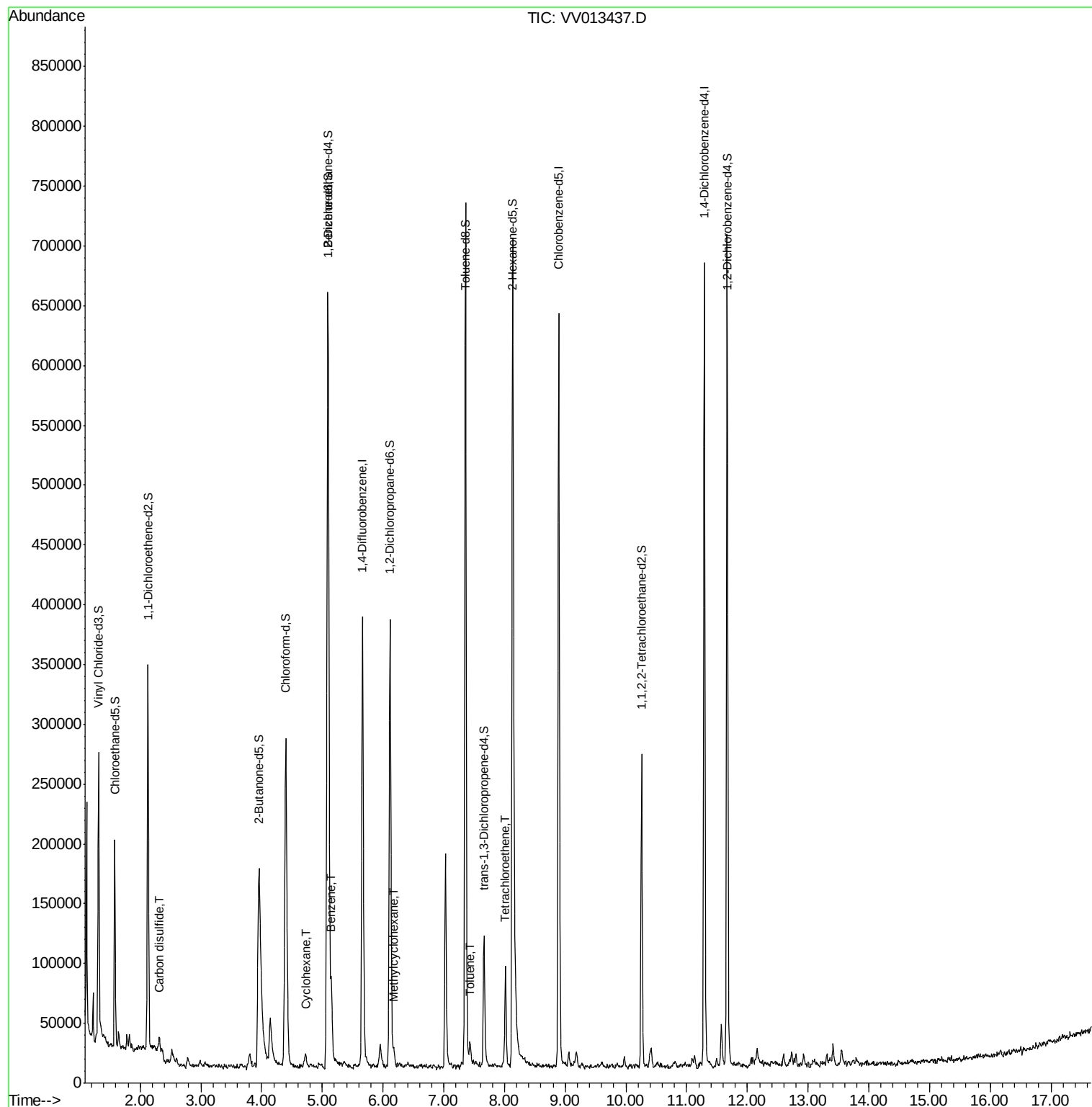
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV103019\
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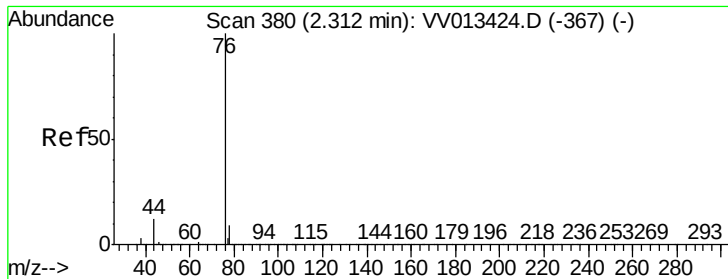
Instrument :
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Quant Time: Oct 31 05:20:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 31 02:41:56 2019
Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.171 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV013437.D

Acq: 30 Oct 2019 17:51

Instrument :

MSVOA_V

ClientSampleId :

GAQE0

Tgt Ion: 76 Resp: 12786

Ion Ratio Lower Upper

76 100

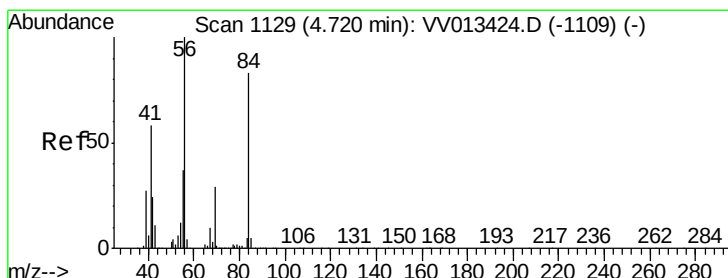
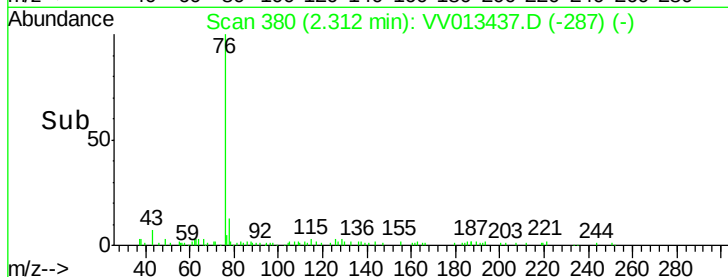
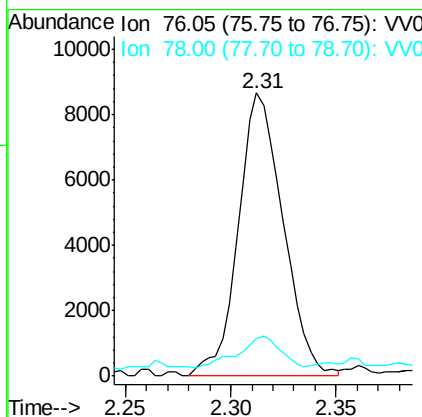
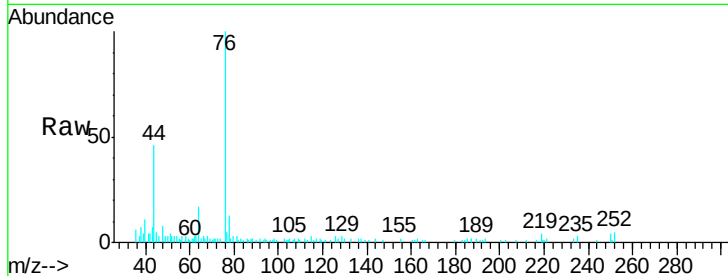
78 15.0 7.5 11.3#

Manual Integrations

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#30

Cyclohexane

Concen: 0.112 ug/L

RT: 4.73 min Scan# 1132

Delta R.T. 0.01 min

Lab File: VV013437.D

Acq: 30 Oct 2019 17:51

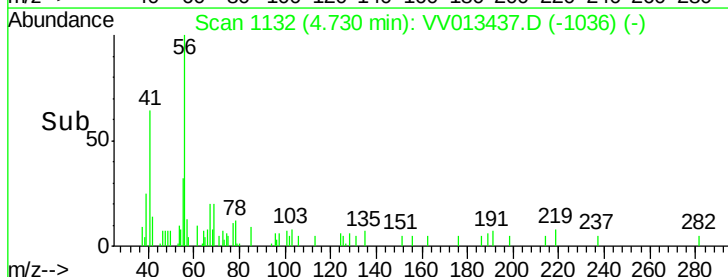
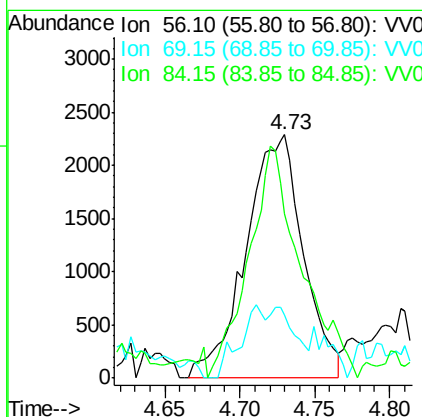
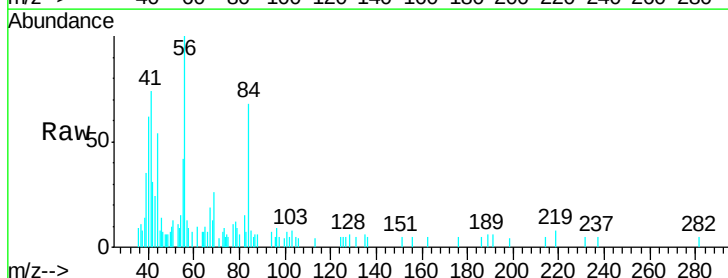
Tgt Ion: 56 Resp: 6093

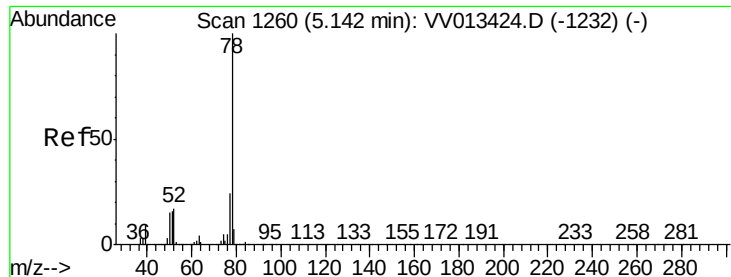
Ion Ratio Lower Upper

56 100

69 11.5 22.7 34.1#

84 87.1 65.5 98.3





#33

Benzene

Concen: 0.507 ug/L m

RT: 5.15 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VV013437.D

Acq: 30 Oct 2019 17:51

Instrument :

MSVOA_V

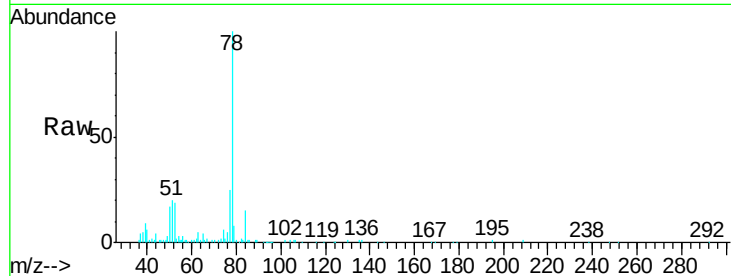
ClientSampleId :

GAQE0

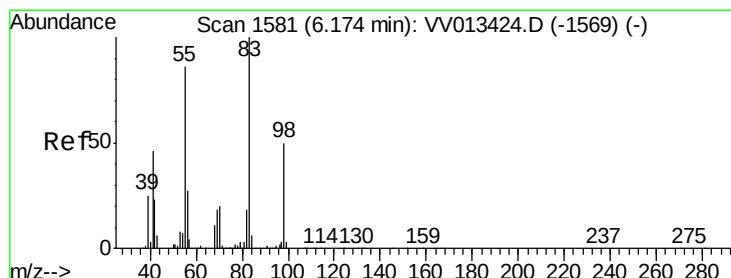
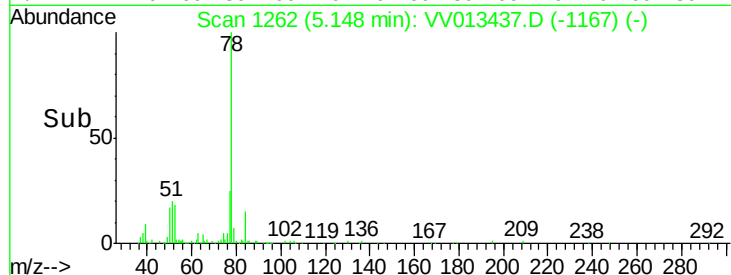
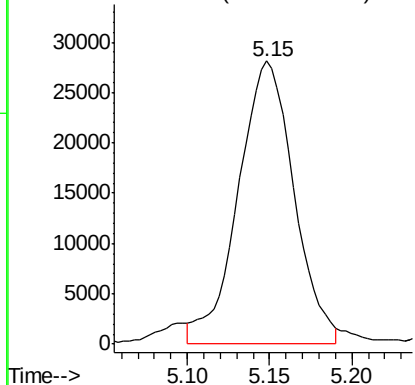
Tgt Ion: 78 Resp: 66162

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Abundance Ion 78.10 (77.80 to 78.80): VV0



#35

Methylcyclohexane

Concen: 0.074 ug/L

RT: 6.17 min Scan# 1581

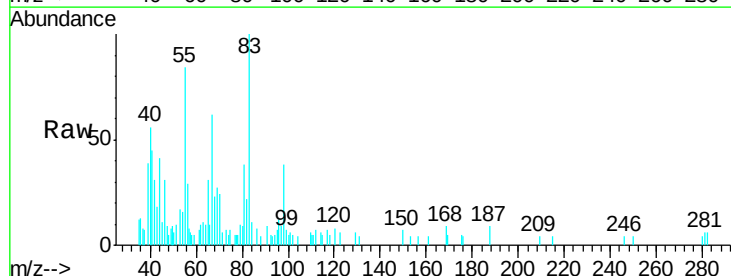
Delta R.T. 0.00 min

Lab File: VV013437.D

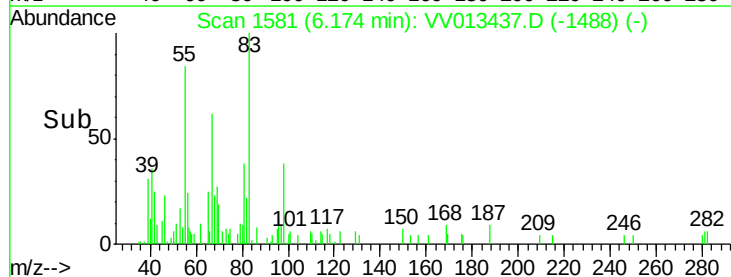
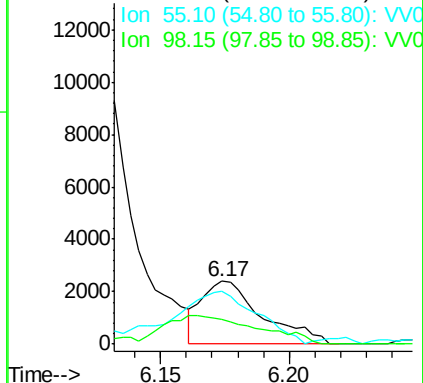
Acq: 30 Oct 2019 17:51

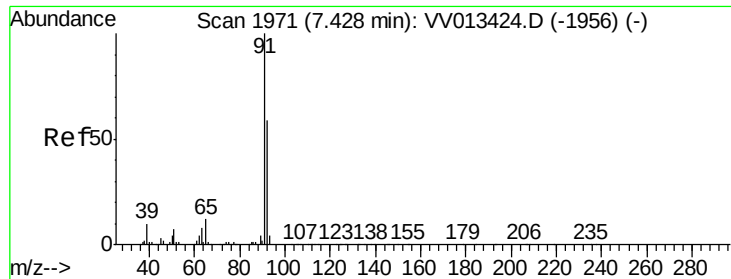
Tgt Ion: 83 Resp: 3952

Ion	Ratio	Lower	Upper
83	100		
55	126.5	66.0	99.0#
98	69.3	38.2	57.4#



Abundance Ion 83.15 (82.85 to 83.85): VV0





#42

Toluene

Concen: 0.097 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV013437.D

Acq: 30 Oct 2019 17:51

Instrument :

MSVOA_V

ClientSampled :

GAQE0

Tgt Ion: 91 Resp: 13266

Ion Ratio Lower Upper

91 100

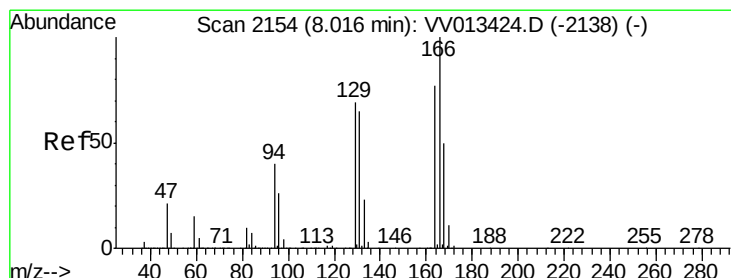
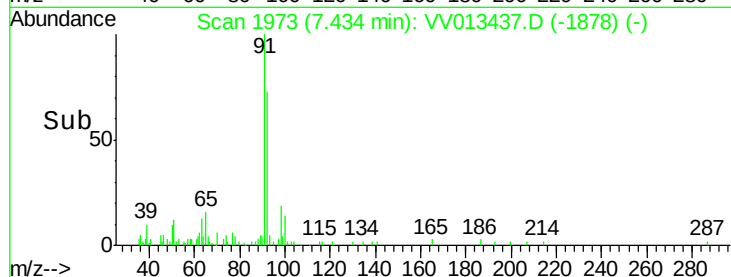
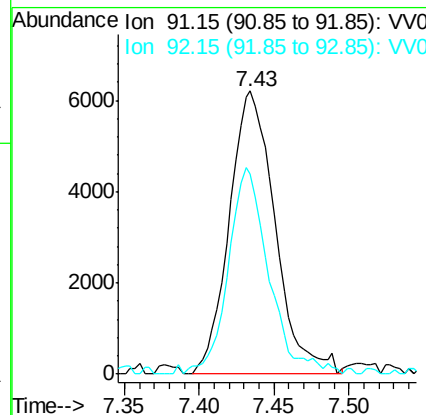
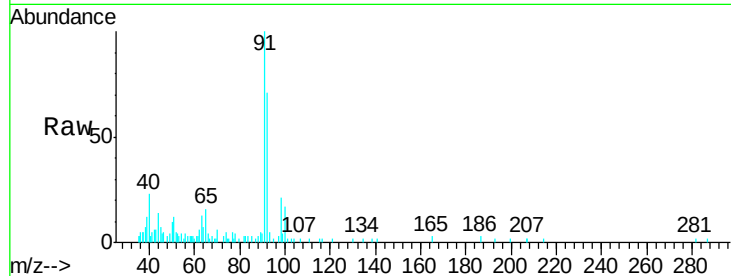
92 70.5 40.3 74.8

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#47

Tetrachloroethene

Concen: 0.637 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013437.D

Acq: 30 Oct 2019 17:51

Tgt Ion: 164 Resp: 19327

Ion Ratio Lower Upper

164 100

129 95.3 63.4 117.8

131 85.1 60.3 112.1

166 133.5 90.8 168.6

