

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102919\
 Data File : VV013410.D
 Acq On : 29 Oct 2019 21:54
 Operator : SY/MD
 Sample : K5597-11
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQE0

Quant Time: Oct 30 03:43:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 30 02:50:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	356272	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	384452	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	205261	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	148393	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.58	69	128059	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.13	63	194782	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	3.96	46	408652	53.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.04%
24) Chloroform-d	4.40	84	321279	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.08	65	166034	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.10	84	658370	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	202200	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.36	98	561702	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	7.66	79	66748	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.14	63	250969	50.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.22%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	137957	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	213835	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

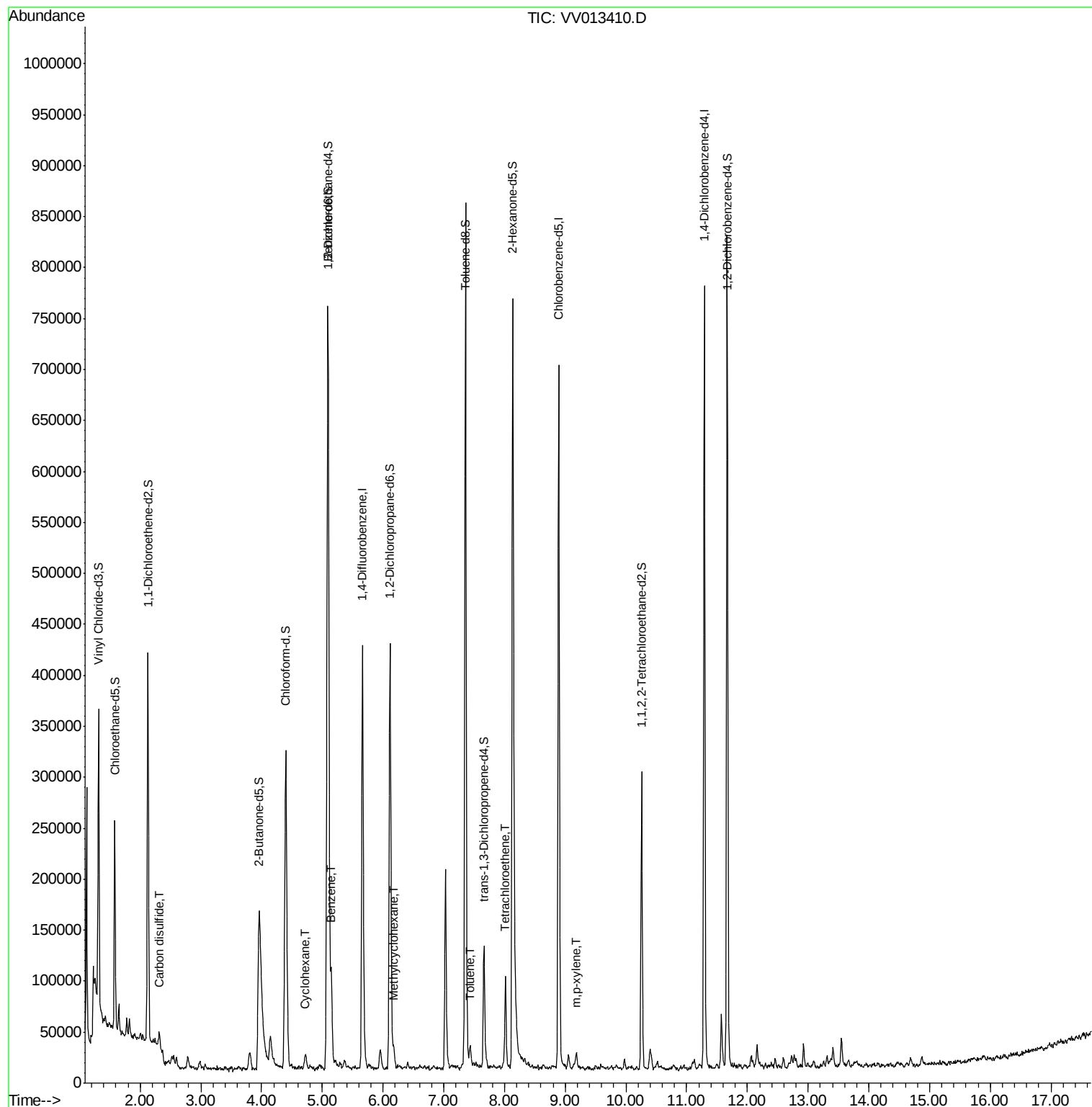
					Ovalue
14) Carbon disulfide	2.32	76	13736	0.167 ug/L #	94
30) Cyclohexane	4.72	56	7633	0.128 ug/L	96
33) Benzene	5.15	78	94140	0.655 ug/L	100
35) Methylcyclohexane	6.17	83	6481	0.110 ug/L #	77
42) Toluene	7.43	91	14361	0.096 ug/L #	76
47) Tetrachloroethene	8.02	164	21268	0.636 ug/L	94
53) m,p-xylene	9.18	106	4907	0.084 ug/L	96

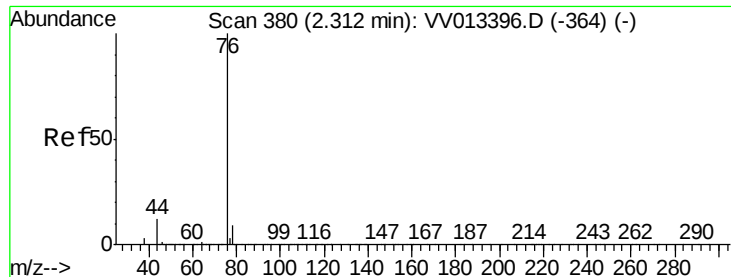
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 30 02:50:47 2019
Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.167 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV013410.D

Acq: 29 Oct 2019 21:54

Instrument :

MSVOA_V

ClientSampleId :

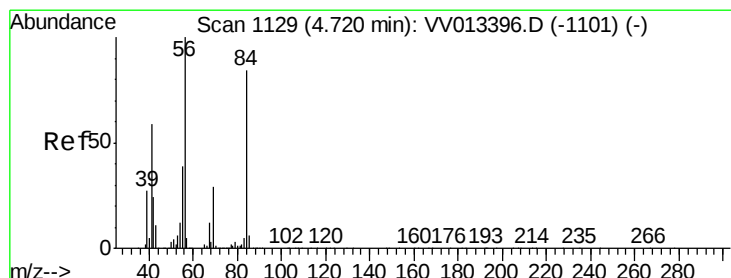
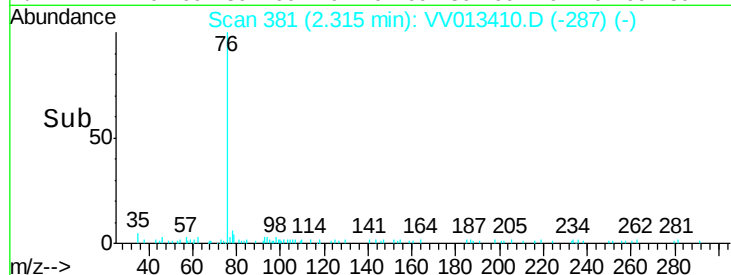
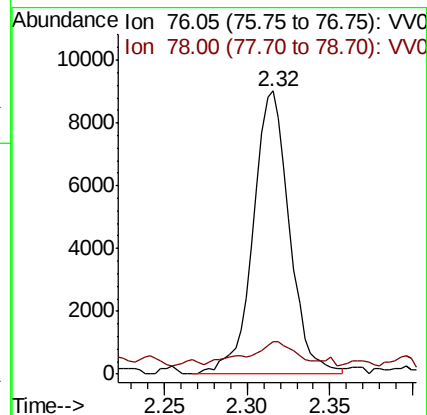
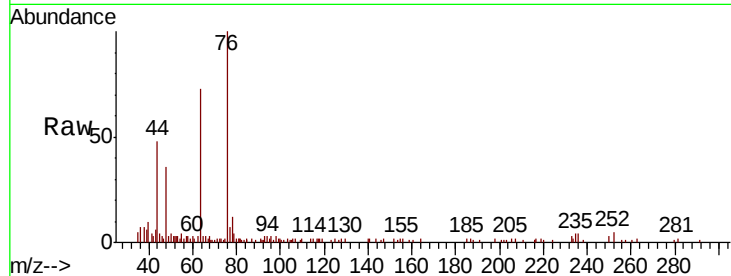
GAQE0

Tot Ion: 76 Resp: 13736

Ion Ratio Lower Upper

76 100

78 11.7 7.5 11.3#



#30

Cyclohexane

Concen: 0.128 ug/L

RT: 4.72 min Scan# 1129

Delta R.T. 0.00 min

Lab File: VV013410.D

Acq: 29 Oct 2019 21:54

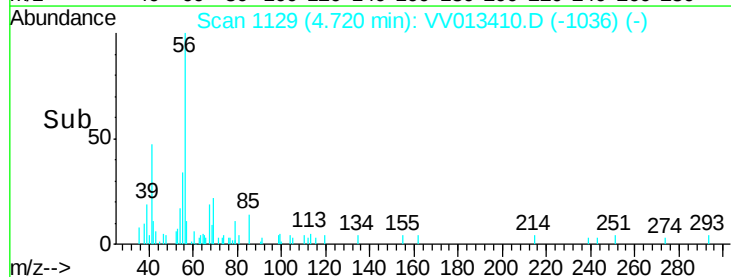
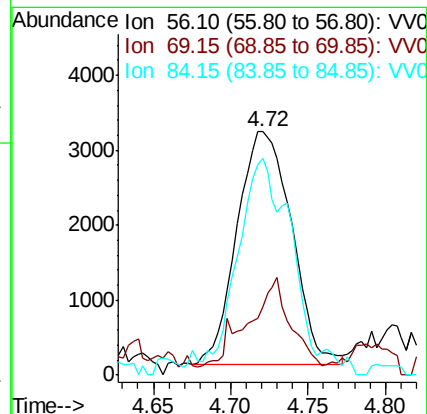
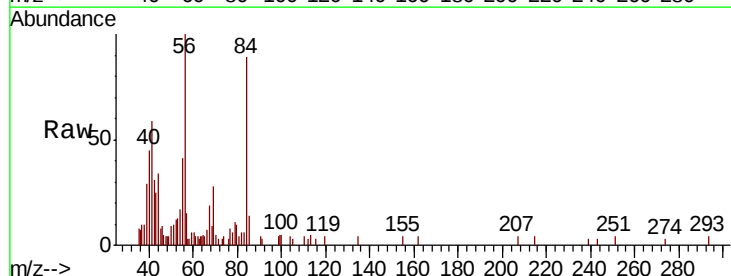
Tgt Ion: 56 Resp: 7633

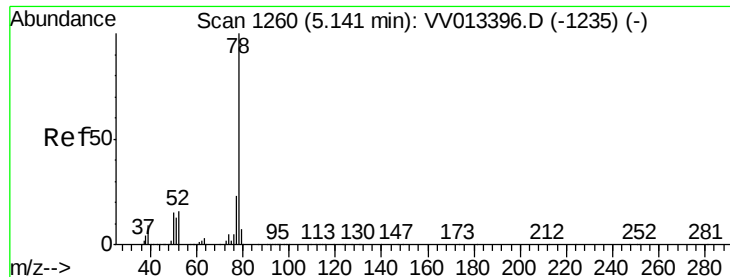
Ion Ratio Lower Upper

56 100

69 25.8 22.7 34.1

84 78.8 65.5 98.3





#33

Benzene

Concen: 0.655 ug/L

RT: 5.15 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VV013410.D

Acq: 29 Oct 2019 21:54

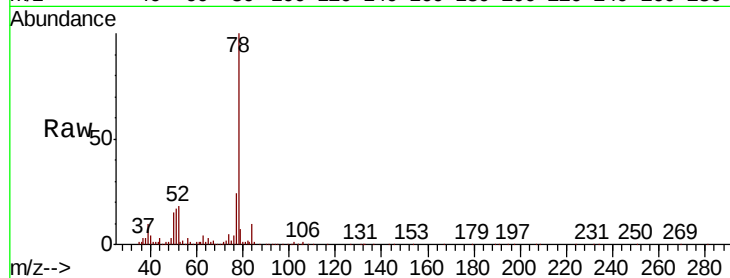
Instrument :

MSVOA_V

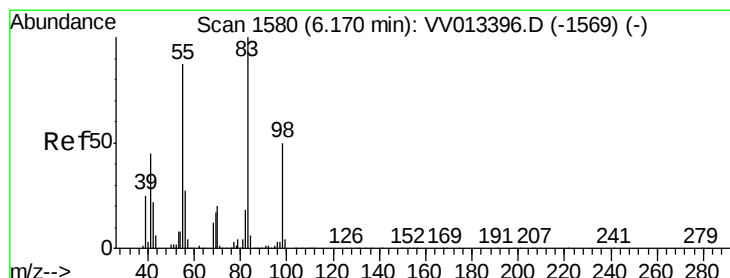
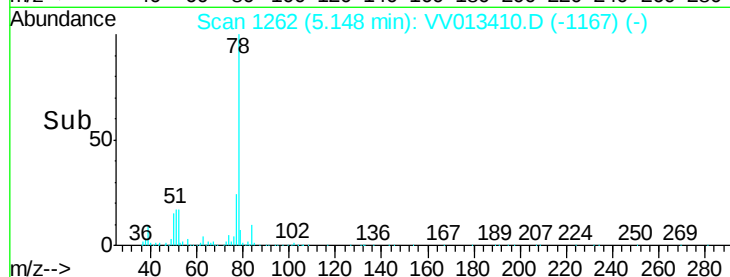
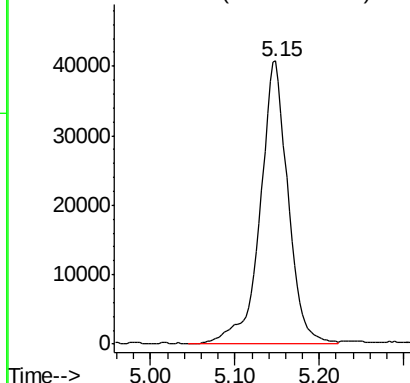
ClientSampleId :

GAQE0

Tgt Ion: 78 Resp: 94140



Abundance Ion 78.10 (77.80 to 78.80): VV0



#35

Methylcyclohexane

Concen: 0.110 ug/L

RT: 6.17 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VV013410.D

Acq: 29 Oct 2019 21:54

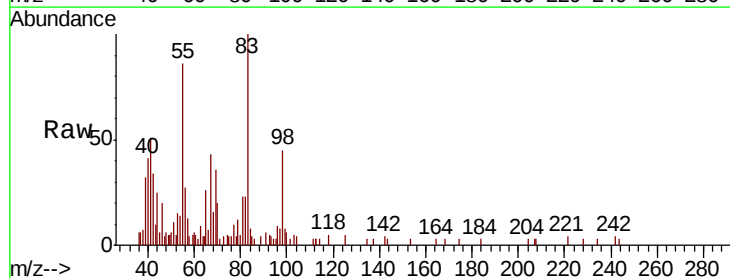
Tgt Ion: 83 Resp: 6481

Ion Ratio Lower Upper

83 100

55 100.8 66.0 99.0#

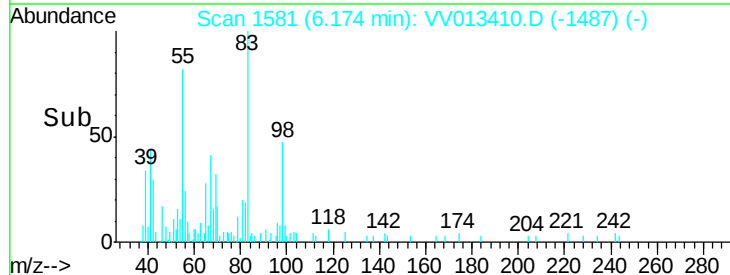
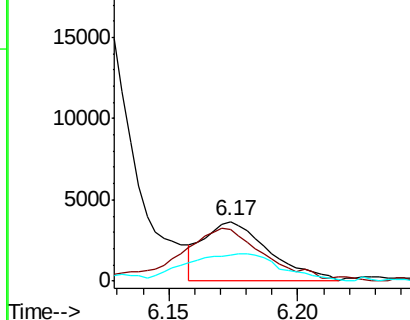
98 65.7 38.2 57.4#

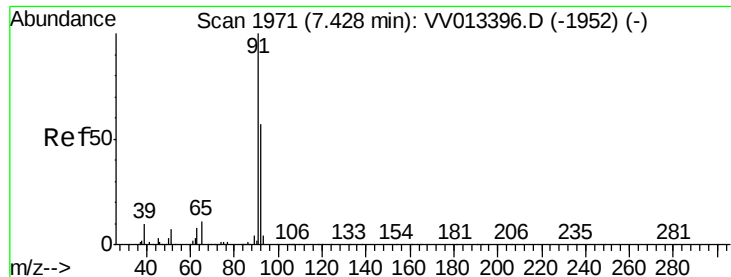


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#42

Toluene

Concen: 0.096 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV013410.D

Acq: 29 Oct 2019 21:54

Instrument :

MSVOA_V

ClientSampleId :

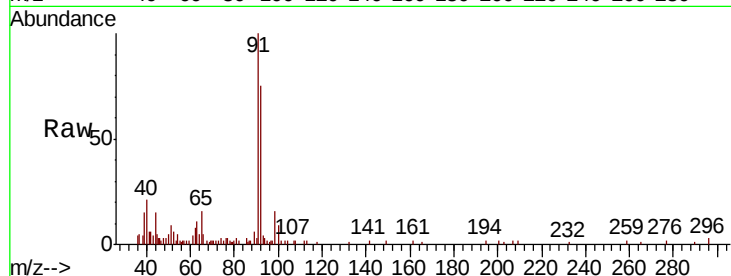
GAQE0

Tot Ion: 91 Resp: 14361

Ion Ratio Lower Upper

91 100

92 75.4 40.3 74.8#



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.43

8000

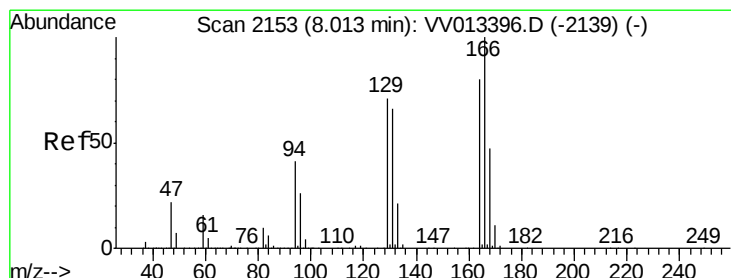
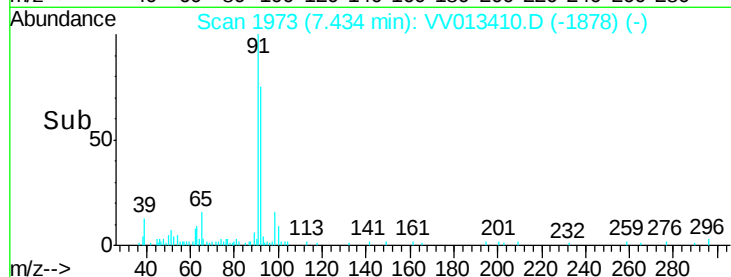
6000

4000

2000

0

Time--> 7.35 7.40 7.45



#47

Tetrachloroethene

Concen: 0.636 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013410.D

Acq: 29 Oct 2019 21:54

Tgt Ion: 164 Resp: 21268

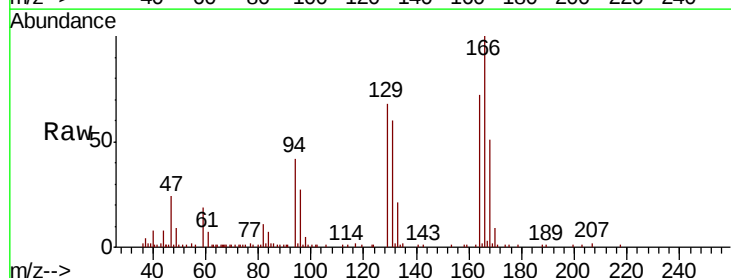
Ion Ratio Lower Upper

164 100

129 95.1 63.4 117.8

131 83.3 60.3 112.1

166 139.1 90.8 168.6



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

25000

20000

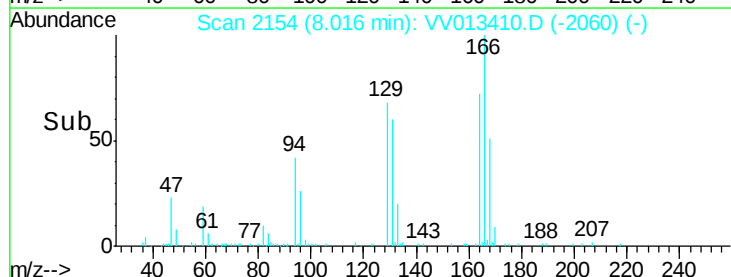
15000

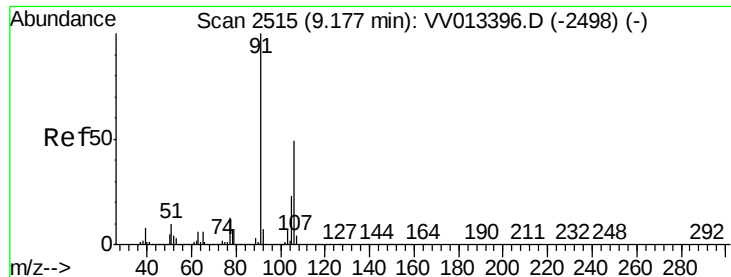
10000

5000

0

Time--> 7.95 8.00 8.05





#53

m,p-xylene

Concen: 0.084 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.01 min

Lab File: VV013410.D

Acq: 29 Oct 2019 21:54

Instrument :

MSVOA_V

ClientSampleId :

GAQE0

Tot Ion:106 Resp: 4907

Ion Ratio Lower Upper

106 100

91 199.4 144.3 267.9

