

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103019\
 Data File : VV013436.D
 Acq On : 30 Oct 2019 17:27
 Operator : SY/MD
 Sample : K5597-20
 Misc : 25.0ML/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQE9

Quant Time: Oct 31 05:18:00 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	352569	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	368918	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	192594	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	120989	3.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.80%
7) Chloroethane-d5	1.58	69	109626	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.13	63	168548	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	3.93	46	400532	52.51	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.02%
24) Chloroform-d	4.40	84	286620	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.08	65	156792	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.10	84	585187	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.12	67	190164	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.36	98	469316	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	7.66	79	62490	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.13	63	233434	49.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	130103	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	194661	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

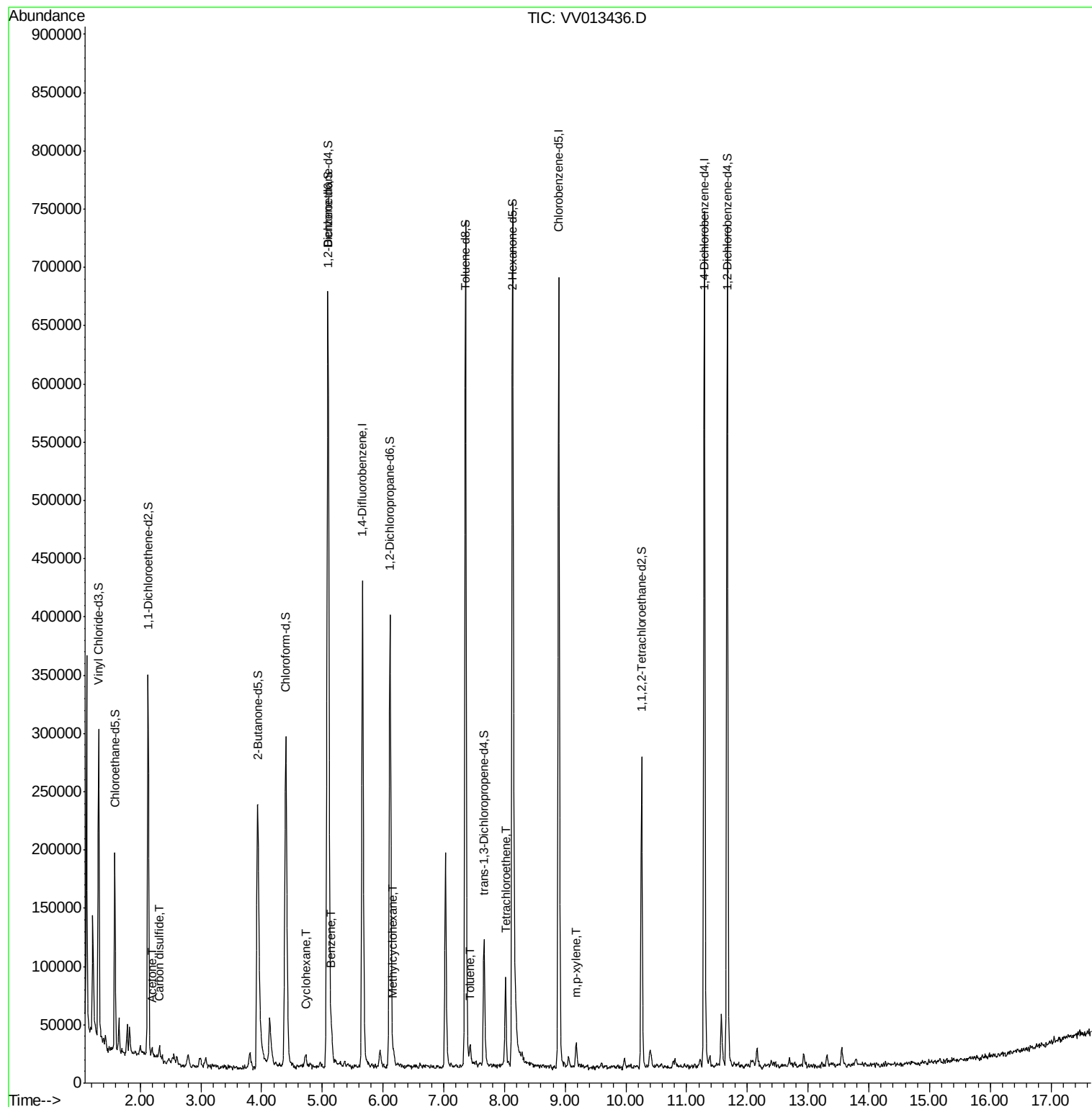
					Qvalue
13) Acetone	2.20	43	7184	1.928 ug/L	76
14) Carbon disulfide	2.32	76	8731	0.107 ug/L #	88
30) Cyclohexane	4.72	56	5251	0.092 ug/L	95
33) Benzene	5.15	78	29276	0.212 ug/L	100
35) Methylcyclohexane	6.17	83	4290	0.076 ug/L #	72
42) Toluene	7.43	91	10784	0.075 ug/L	93
47) Tetrachloroethene	8.02	164	18975	0.592 ug/L	97
53) m,p-xylene	9.18	106	6173	0.110 ug/L	86

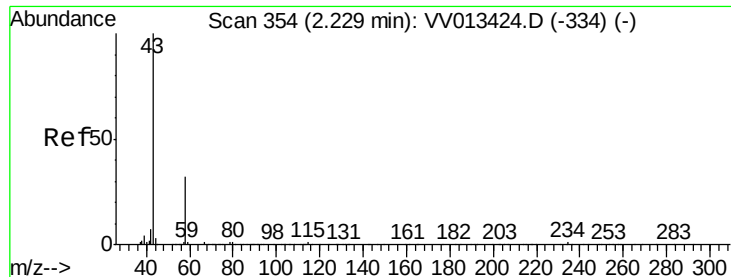
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 31 02:41:56 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.928 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.03 min

Lab File: VV013436.D

Acq: 30 Oct 2019 17:27

Instrument :

MSVOA_V

ClientSampleId :

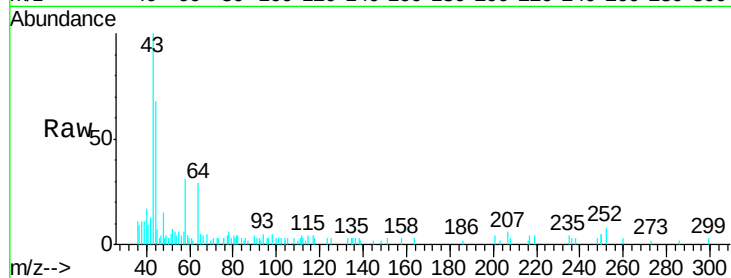
GAQE9

Tgt Ion: 43 Resp: 7184

Ion Ratio Lower Upper

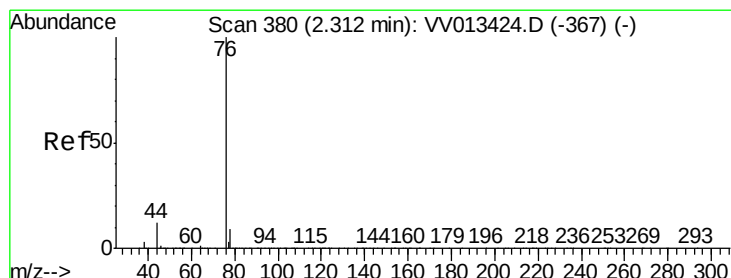
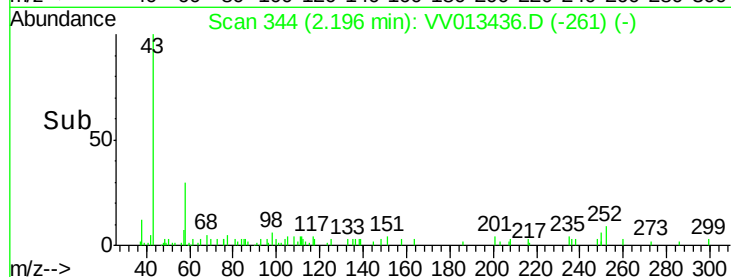
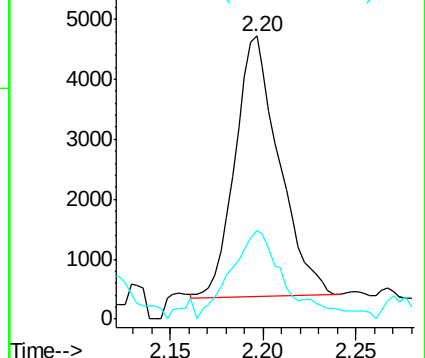
43 100

58 42.4 0.0 59.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#14

Carbon disulfide

Concen: 0.107 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV013436.D

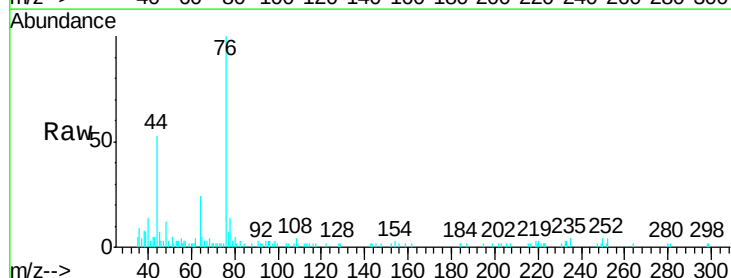
Acq: 30 Oct 2019 17:27

Tgt Ion: 76 Resp: 8731

Ion Ratio Lower Upper

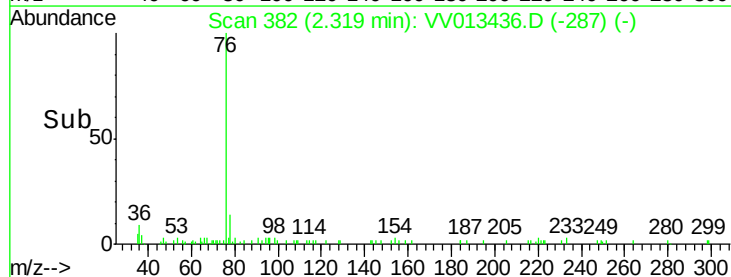
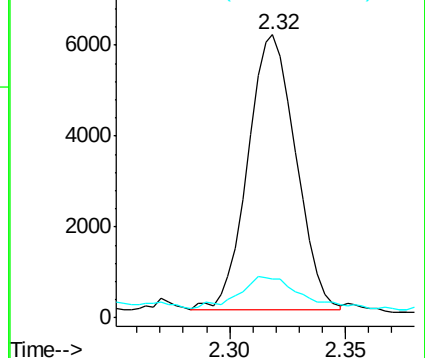
76 100

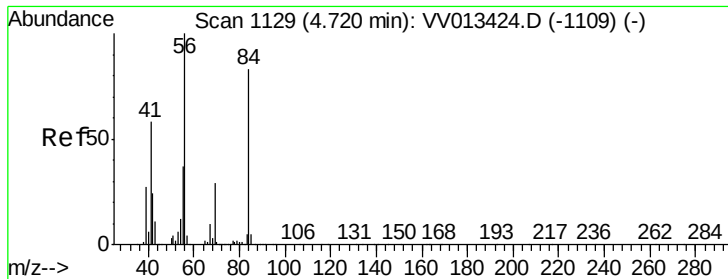
78 13.9 7.5 11.3#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

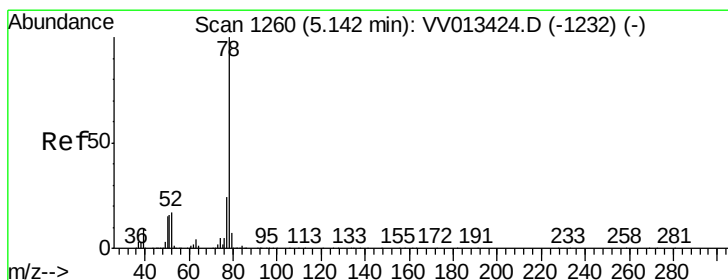
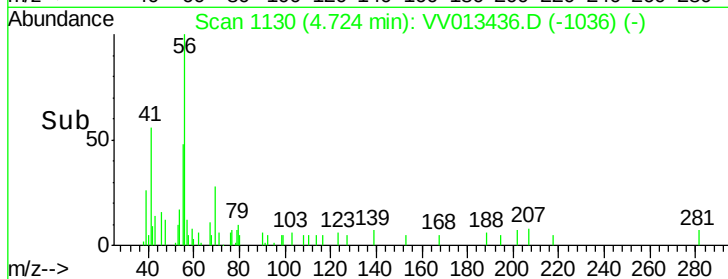
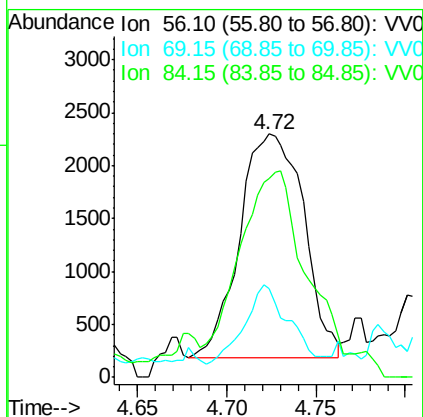
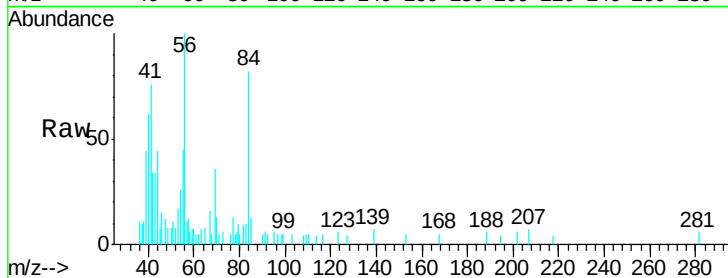




#30
Cyclohexane
Concen: 0.092 ug/L
RT: 4.72 min Scan# 1130
Delta R.T. 0.00 min
Lab File: VV013436.D
Acq: 30 Oct 2019 17:27

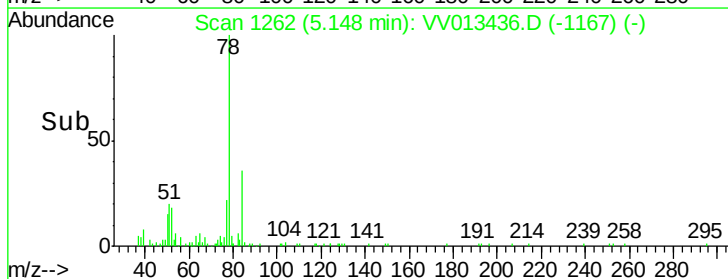
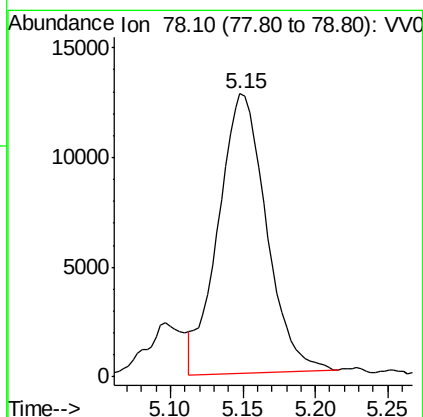
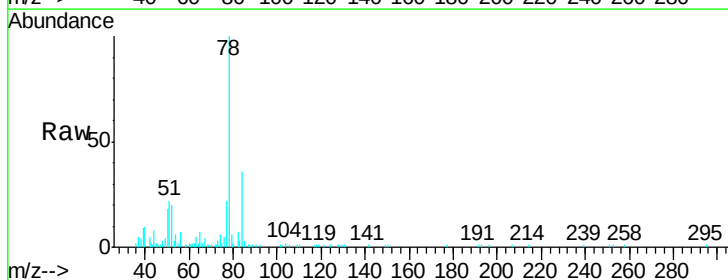
Instrument :
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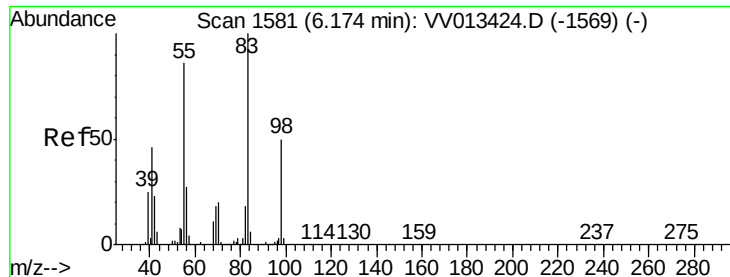
Tgt Ion: 56 Resp: 5251
Ion Ratio Lower Upper
56 100
69 33.6 22.7 34.1
84 79.3 65.5 98.3



#33
Benzene
Concen: 0.212 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV013436.D
Acq: 30 Oct 2019 17:27

Tgt Ion: 78 Resp: 29276

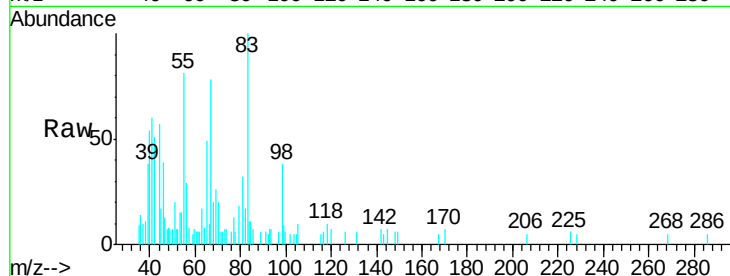




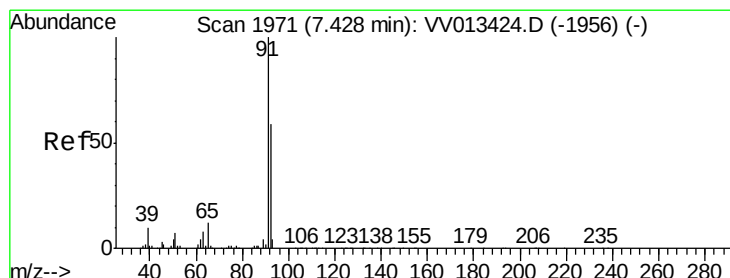
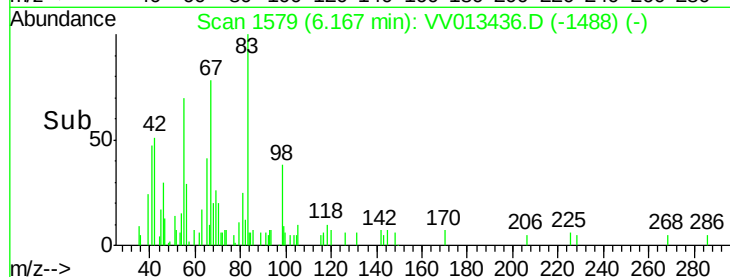
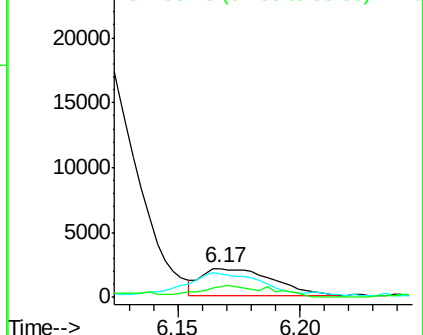
#35
Methylcyclohexane
Concen: 0.076 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. -0.01 min
Lab File: VV013436.D
Acq: 30 Oct 2019 17:27

Instrument :
MSVOA_V
ClientSampleId :
GAQE9

Tgt Ion: 83 Resp: 4290
Ion Ratio Lower Upper
83 100
55 100.1 66.0 99.0#
98 19.9 38.2 57.4#

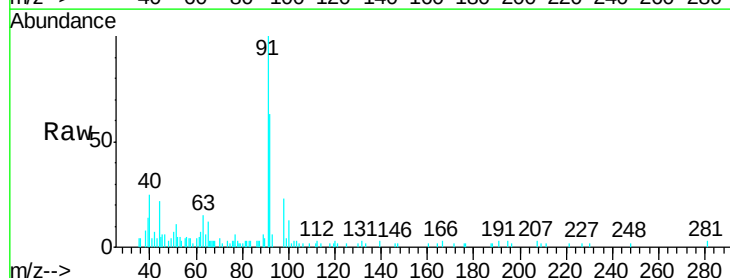


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

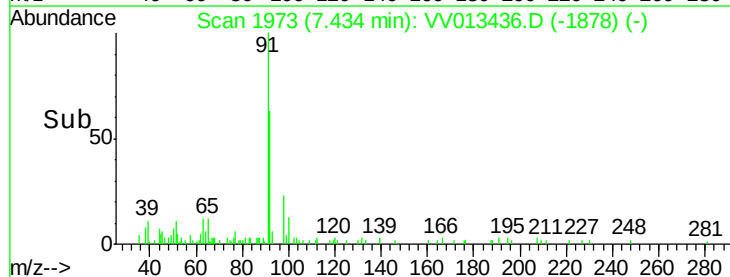
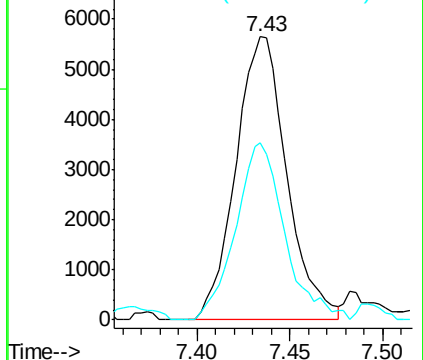


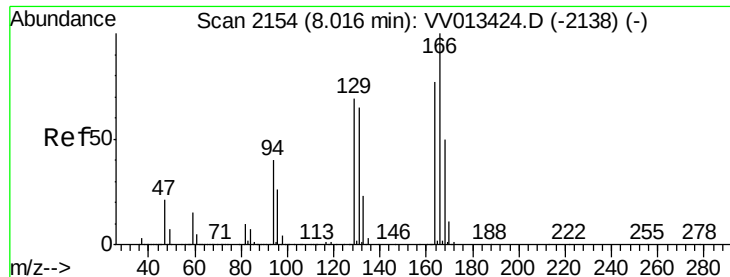
#42
Toluene
Concen: 0.075 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.01 min
Lab File: VV013436.D
Acq: 30 Oct 2019 17:27

Tgt Ion: 91 Resp: 10784
Ion Ratio Lower Upper
91 100
92 62.6 40.3 74.8



Abundance Ion 91.15 (90.85 to 91.85): VV0
Ion 92.15 (91.85 to 92.85): VV0





#47

Tetrachloroethene

Concen: 0.592 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013436.D

Acq: 30 Oct 2019 17:27

Instrument :

MSVOA_V

ClientSampleId :

GAQE9

Tgt Ion:164 Resp: 18975

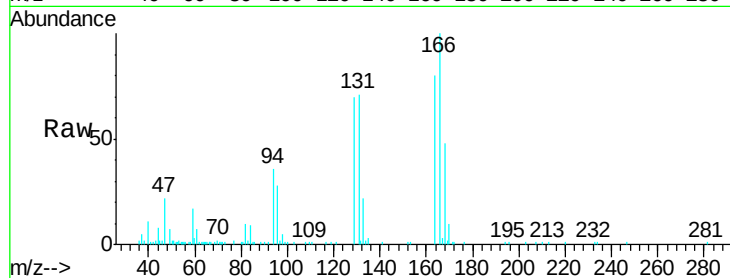
Ion Ratio Lower Upper

164 100

129 88.3 63.4 117.8

131 89.3 60.3 112.1

166 125.6 90.8 168.6

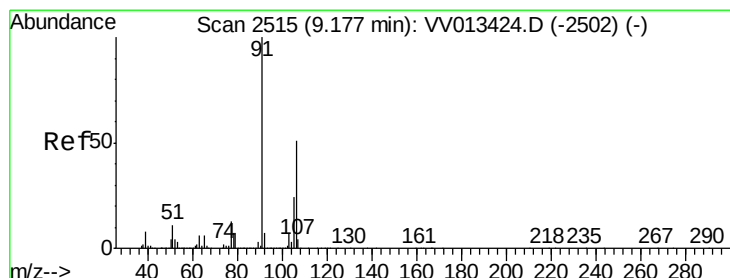
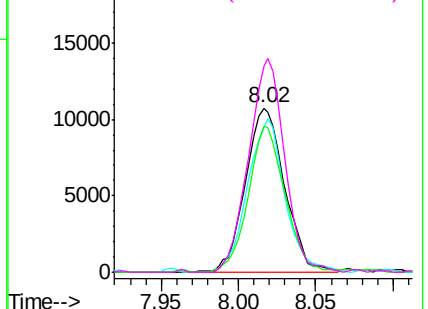
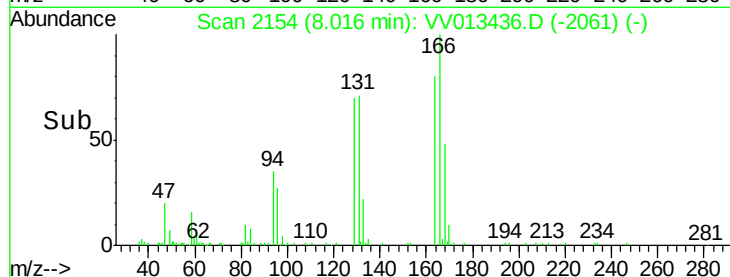


Abundance Ion 163.90 (163.60 to 164.60): V

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



#53

m,p-xylene

Concen: 0.110 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.01 min

Lab File: VV013436.D

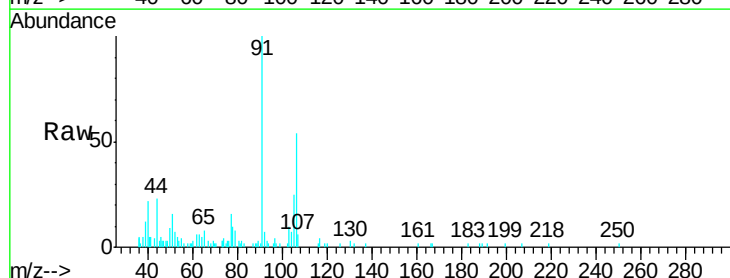
Acq: 30 Oct 2019 17:27

Tgt Ion:106 Resp: 6173

Ion Ratio Lower Upper

106 100

91 185.2 144.3 267.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): V

