

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103119\
 Data File : VV013454.D
 Acq On : 31 Oct 2019 19:01
 Operator : SY/MD
 Sample : K5597-19
 Misc : 25.0ML/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQE8

Quant Time: Nov 15 00:17:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR103119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 01 05:32:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	336964	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	356366	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	187648	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	117688	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.58	69	100729	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.13	63	152658	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	3.96	46	424723	55.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.40%
24) Chloroform-d	4.40	84	268129	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.08	65	152574	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.10	84	545655	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.12	67	179048	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.36	98	444995	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	7.66	79	55592	3.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.00%
46) 2-Hexanone-d5	8.14	63	241938	44.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	130978	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	186485	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

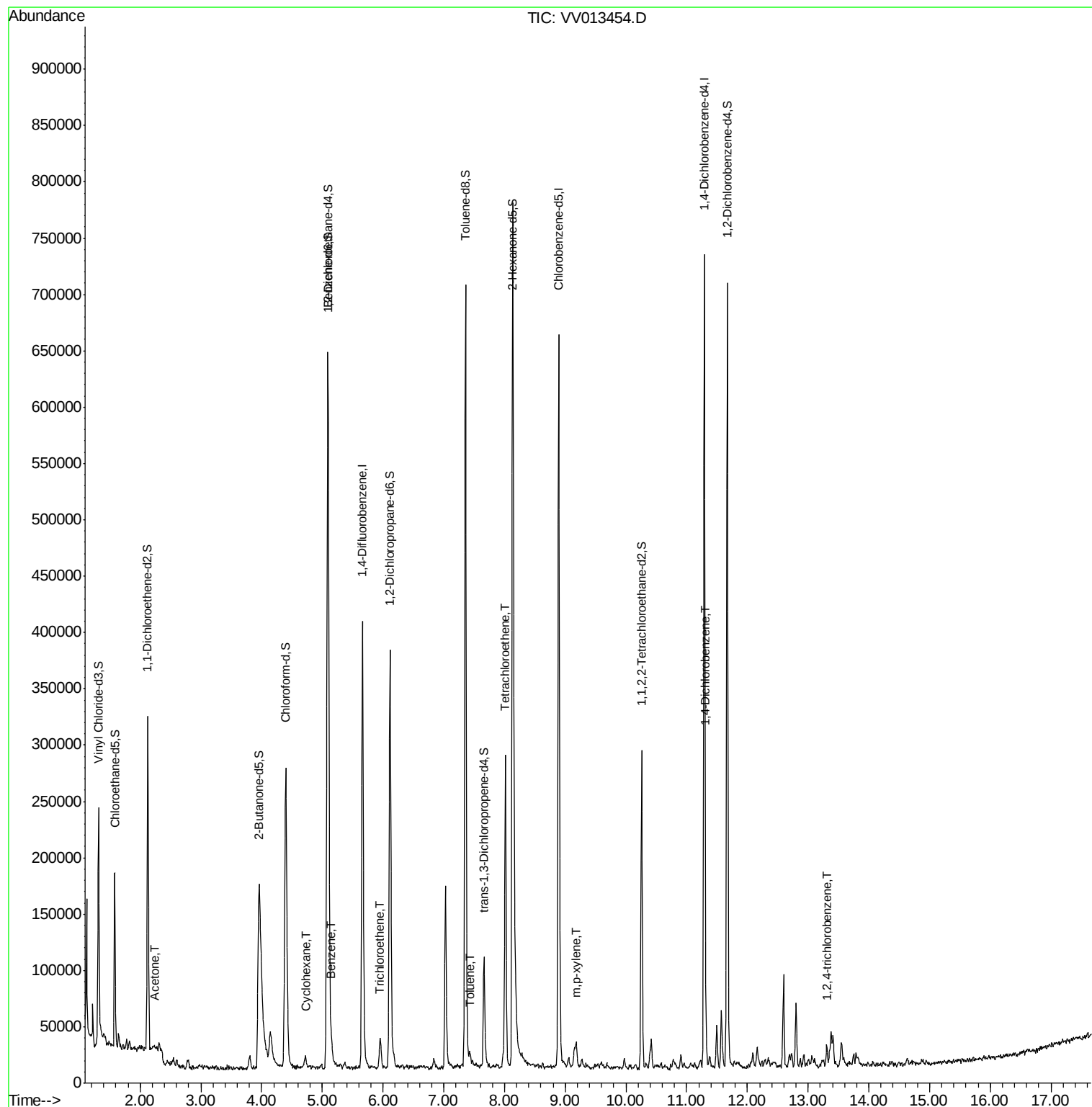
					Qvalue
13) Acetone	2.23	43	7138	2.048 ug/L	75
30) Cyclohexane	4.72	56	5621	0.103 ug/L #	93
33) Benzene	5.15	78	20879	0.165 ug/L	100
34) Trichloroethene	5.96	95	5734	0.167 ug/L	90
42) Toluene	7.43	91	8019	0.061 ug/L	85
47) Tetrachloroethene	8.02	164	66352	2.246 ug/L	98
53) m,p-xylene	9.18	106	6235	0.116 ug/L	90
63) 1,4-Dichlorobenzene	11.32	146	6167	0.100 ug/L	91
68) 1,2,4-trichlorobenzene	13.31	180	4454	0.109 ug/L #	86

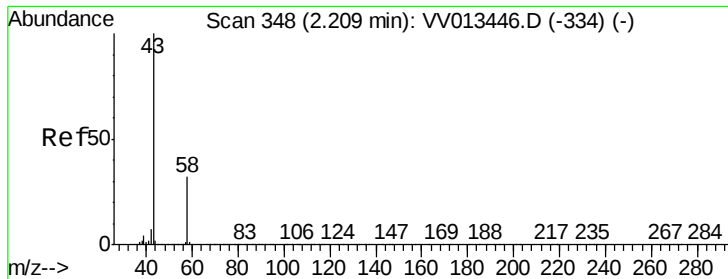
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 01 05:32:11 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.048 ug/L

RT: 2.23 min Scan# 354

Delta R.T. 0.02 min

Lab File: VV013454.D

Acq: 31 Oct 2019 19:01

Instrument :

MSVOA_V

ClientSampleId :

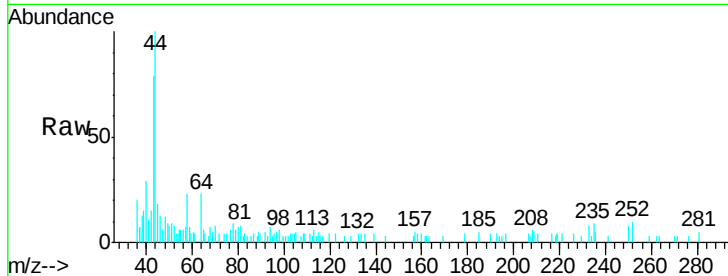
GAQE8

Tgt Ion: 43 Resp: 7138

Ion Ratio Lower Upper

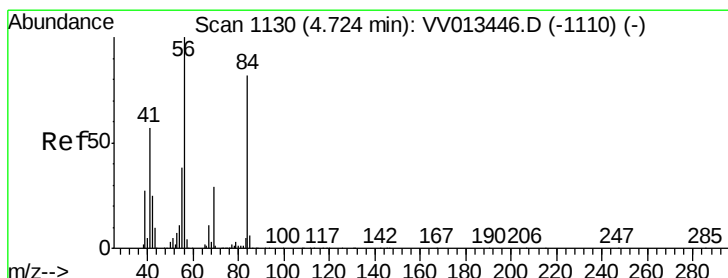
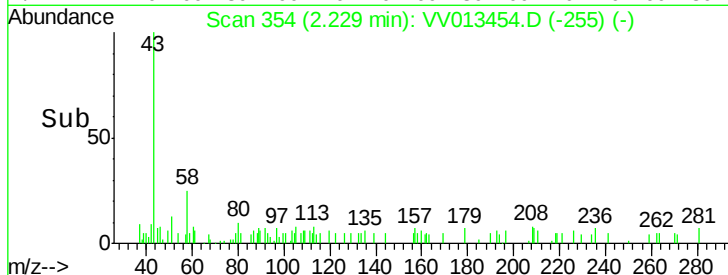
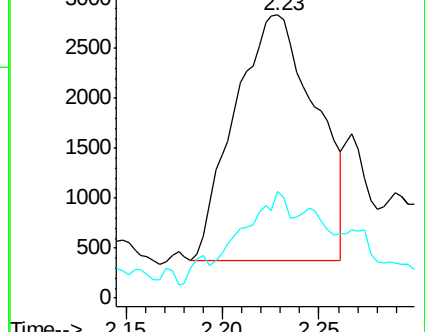
43 100

58 15.9 0.0 58.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#30

Cyclohexane

Concen: 0.103 ug/L

RT: 4.72 min Scan# 1130

Delta R.T. 0.00 min

Lab File: VV013454.D

Acq: 31 Oct 2019 19:01

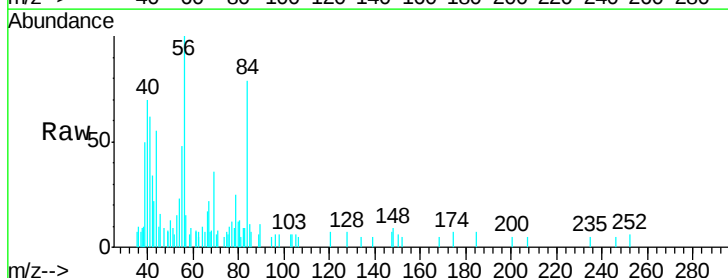
Tgt Ion: 56 Resp: 5621

Ion Ratio Lower Upper

56 100

69 15.1 23.0 34.6#

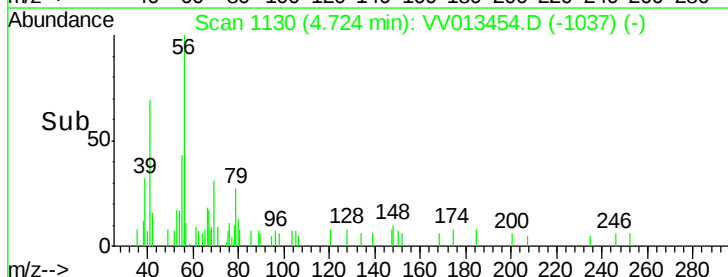
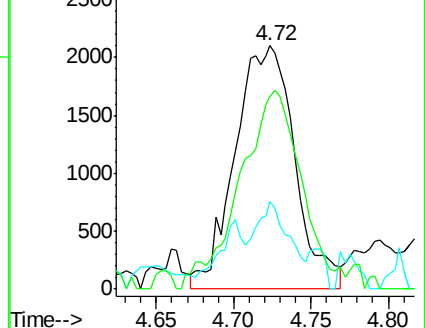
84 84.2 66.6 100.0

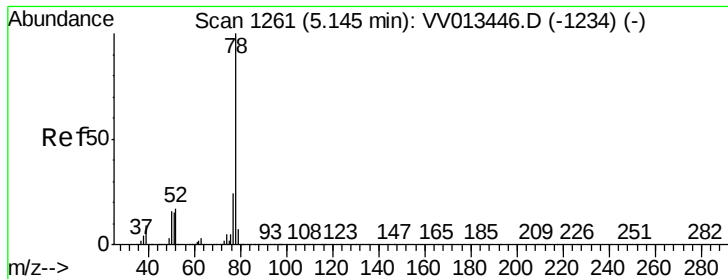


Abundance Ion 56.10 (55.80 to 56.80): VV0

Ion 69.15 (68.85 to 69.85): VV0

Ion 84.15 (83.85 to 84.85): VV0





#33

Benzene

Concen: 0.165 ug/L

RT: 5.15 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VV013454.D

Acq: 31 Oct 2019 19:01

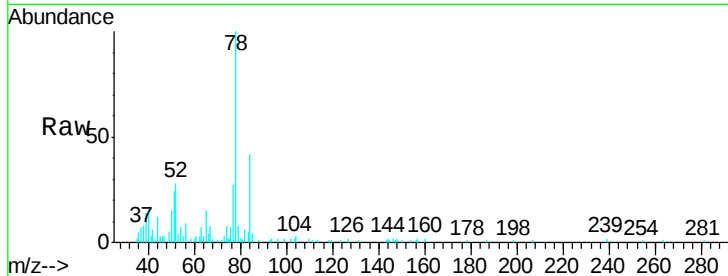
Instrument :

MSVOA_V

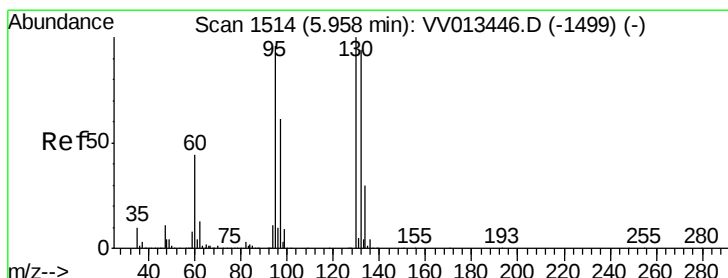
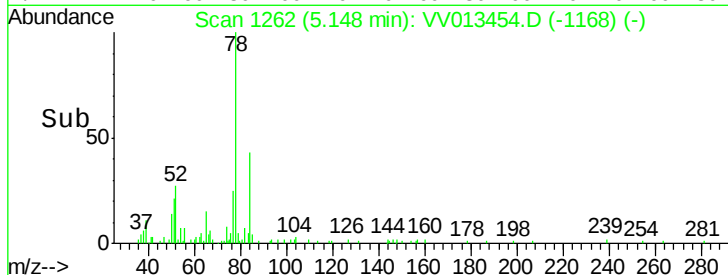
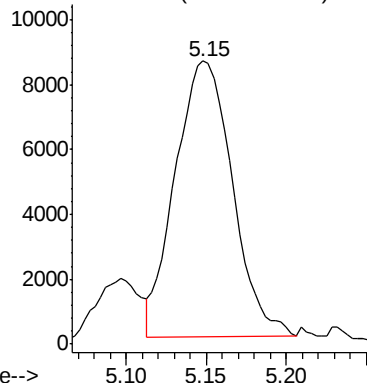
ClientSampleId :

GAQE8

Tgt Ion: 78 Resp: 20879



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 0.167 ug/L

RT: 5.96 min Scan# 1515

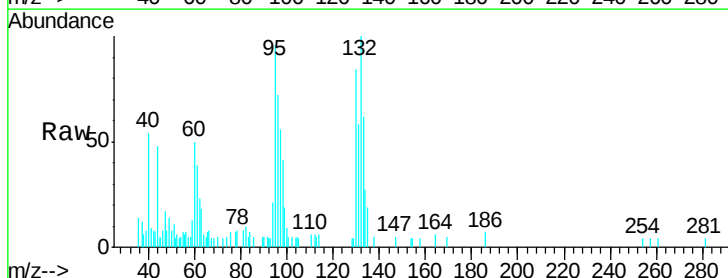
Delta R.T. 0.00 min

Lab File: VV013454.D

Acq: 31 Oct 2019 19:01

Tgt Ion: 95 Resp: 5734

Ion	Ratio	Lower	Upper
95	100		
97	58.1	44.2	82.2
132	104.6	68.4	127.0
130	87.9	72.9	135.5

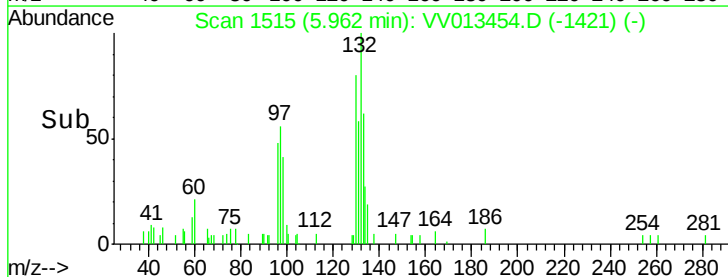
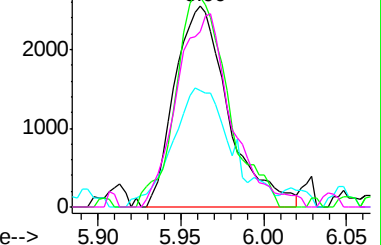


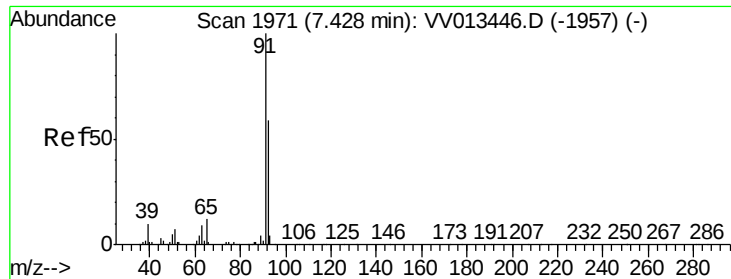
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0





#42

Toluene

Concen: 0.061 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV013454.D

Acq: 31 Oct 2019 19:01

Instrument :

MSVOA_V

ClientSampleId :

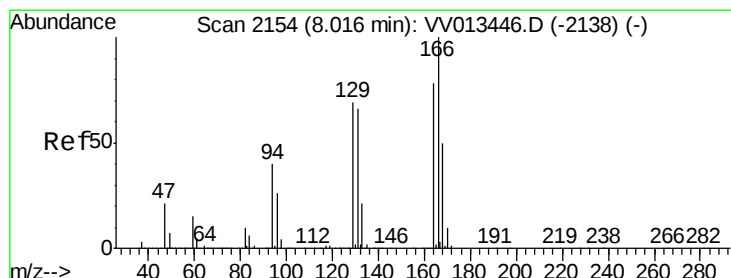
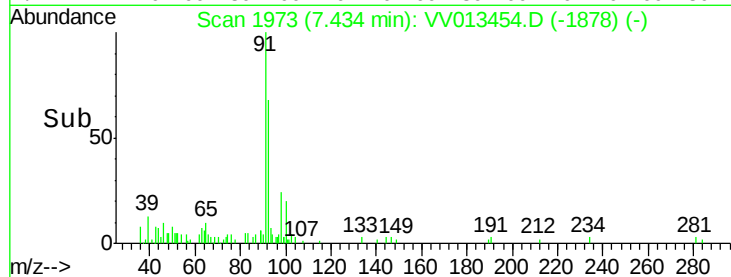
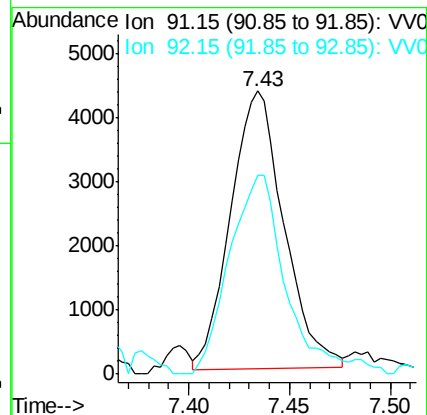
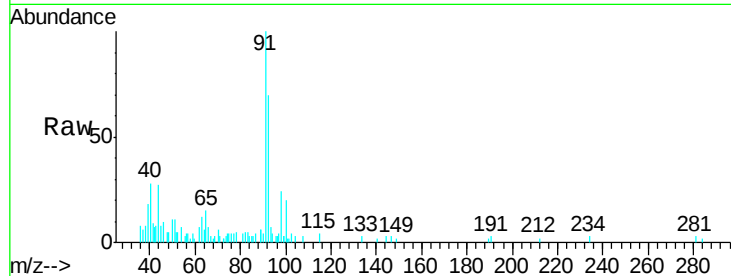
GAQE8

Tgt Ion: 91 Resp: 8019

Ion Ratio Lower Upper

91 100

92 70.3 41.5 77.1



#47

Tetrachloroethene

Concen: 2.246 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013454.D

Acq: 31 Oct 2019 19:01

Tgt Ion: 164 Resp: 66352

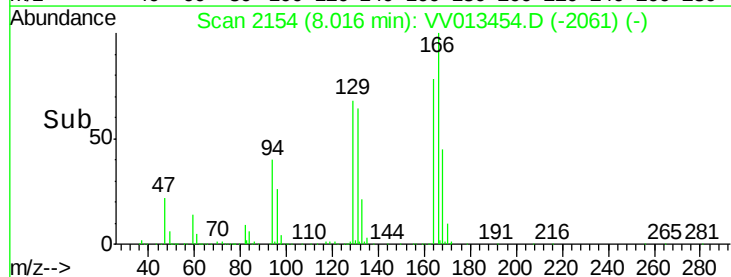
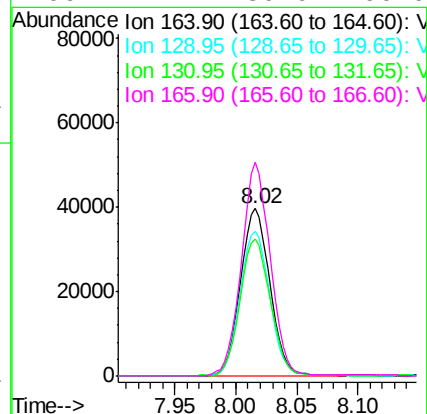
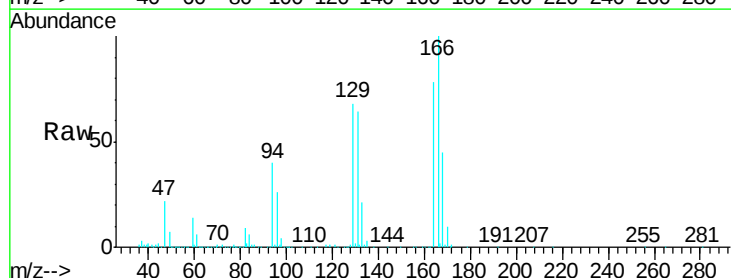
Ion Ratio Lower Upper

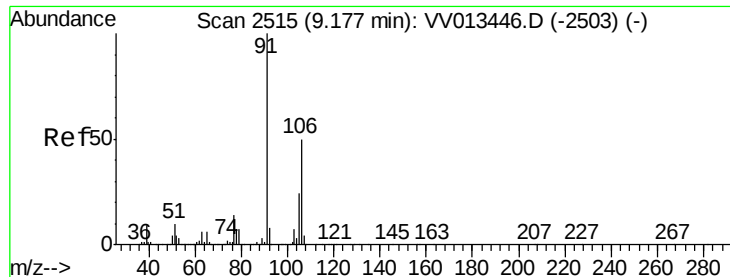
164 100

129 86.6 61.7 114.5

131 82.0 59.4 110.2

166 127.4 89.9 166.9





#53

m,p-xylene

Concen: 0.116 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.01 min

Lab File: VV013454.D

Acq: 31 Oct 2019 19:01

Instrument :

MSVOA_V

ClientSampleId :

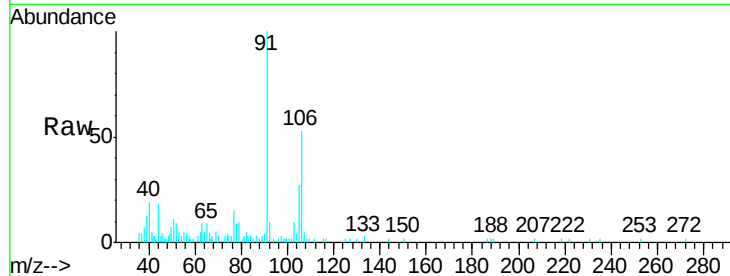
GAQE8

Tgt Ion:106 Resp: 6235

Ion Ratio Lower Upper

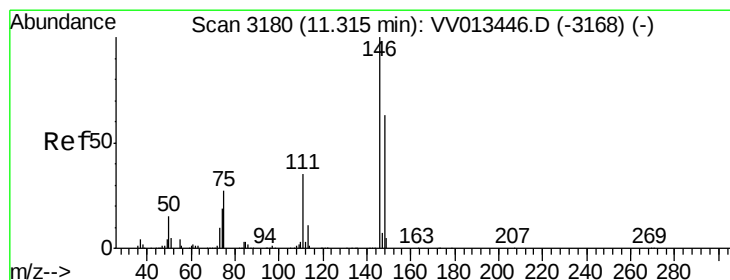
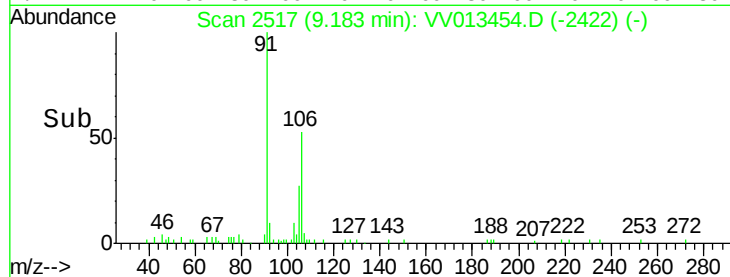
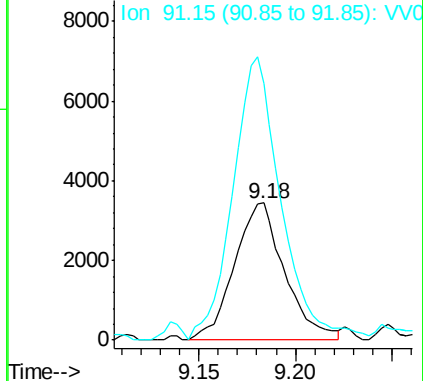
106 100

91 187.6 141.5 262.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#63

1,4-Dichlorobenzene

Concen: 0.100 ug/L

RT: 11.32 min Scan# 3180

Delta R.T. 0.00 min

Lab File: VV013454.D

Acq: 31 Oct 2019 19:01

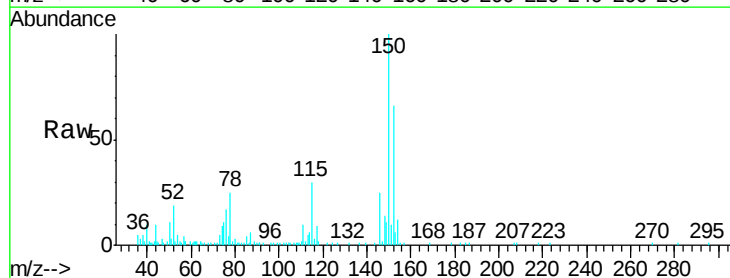
Tgt Ion:146 Resp: 6167

Ion Ratio Lower Upper

146 100

111 40.9 24.7 45.9

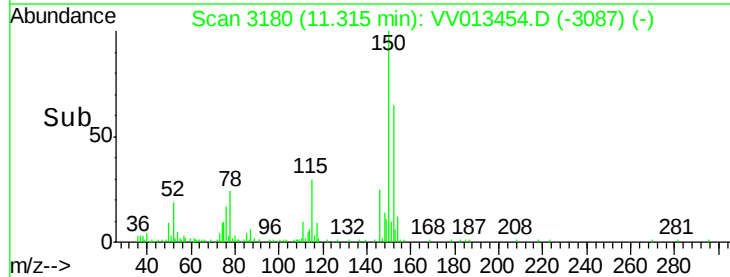
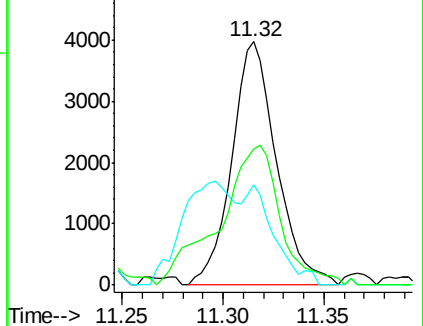
148 55.8 44.2 82.0

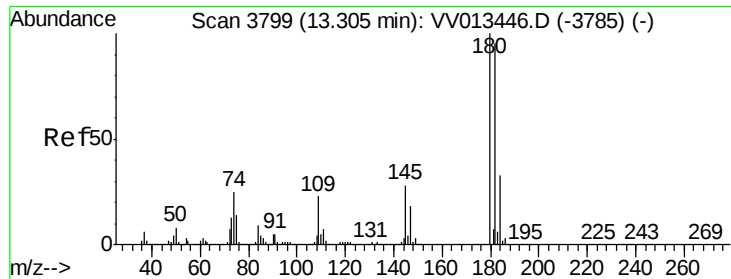


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#68
 1,2,4-trichlorobenzene
 Concen: 0.109 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: VV013454.D
 Acq: 31 Oct 2019 19:01

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQE8

Tgt Ion:180 Resp: 4454
 Ion Ratio Lower Upper
 180 100
 182 103.5 76.1 114.1
 145 44.2 22.1 33.1#

