

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111819\
 Data File : VV013665.D
 Acq On : 18 Nov 2019 18:35
 Operator : SY/MD
 Sample : K5910-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQJ3

Quant Time: Nov 19 06:32:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 19 04:25:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	317045	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	312907	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	143246	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98119	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.58	69	92709	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.00%
11) 1,1-Dichloroethene-d2	2.13	63	135863	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	3.93	46	244414	53.97	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.94%
24) Chloroform-d	4.40	84	217039	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.08	65	111770	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.10	84	424195	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.11	67	133370	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.36	98	363369	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.66	79	45340	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.13	63	169332	45.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.22%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	90779	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	151465	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

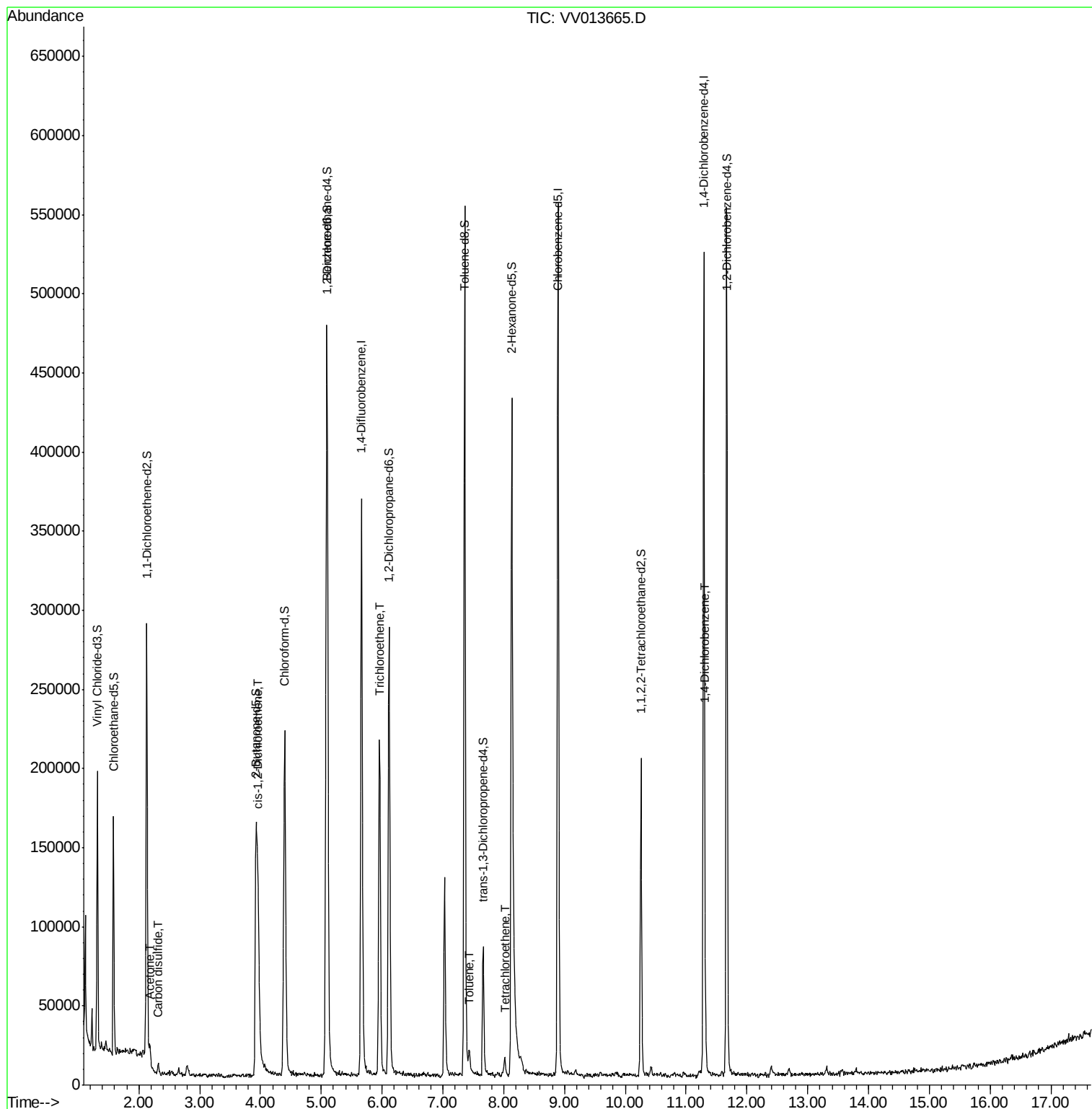
					Ovalue
13) Acetone	2.19	43	7589	2.656 ug/L #	20
14) Carbon disulfide	2.32	76	7064	0.108 ug/L #	88
22) cis-1,2-Dichloroethene	3.96	96	46662	1.925 ug/L #	99
34) Trichloroethene	5.95	95	72302	2.852 ug/L	96
42) Toluene	7.44	91	9469	0.094 ug/L	97
47) Tetrachloroethene	8.02	164	3094	0.132 ug/L	83
63) 1,4-Dichlorobenzene	11.31	146	15220	0.312 ug/L	92

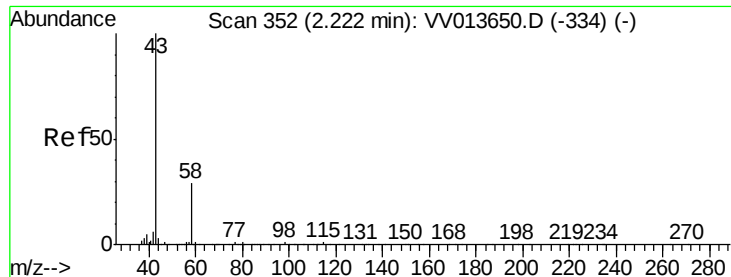
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 19 04:25:23 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.656 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

Lab File: VV013665.D

Acq: 18 Nov 2019 18:35

Instrument :

MSVOA_V

ClientSampleId :

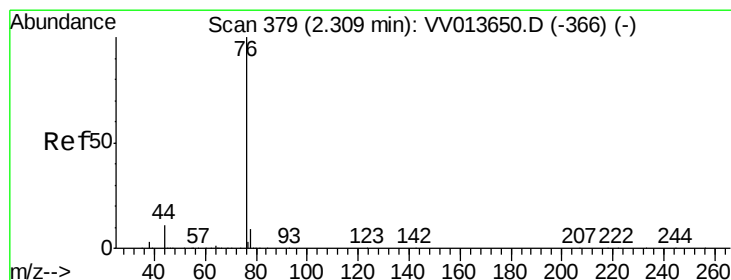
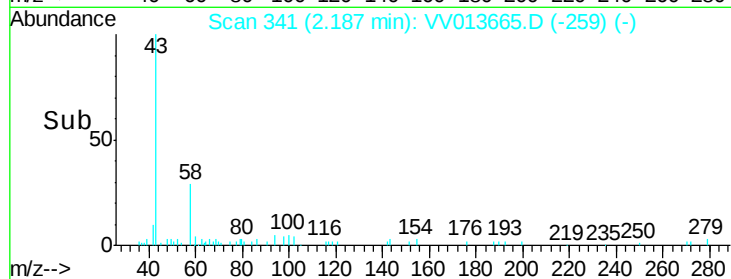
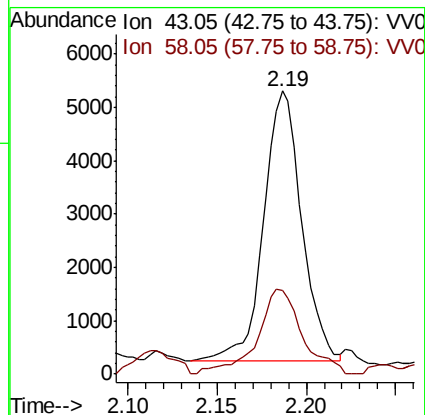
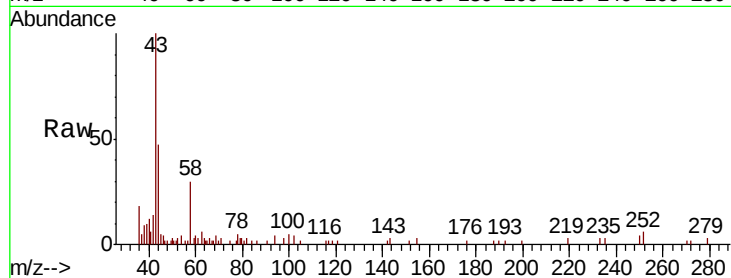
GAQJ3

Tot Ion: 43 Resp: 7589

Ion Ratio Lower Upper

43 100

58 36.9 0.0 17.0#



#14

Carbon disulfide

Concen: 0.108 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV013665.D

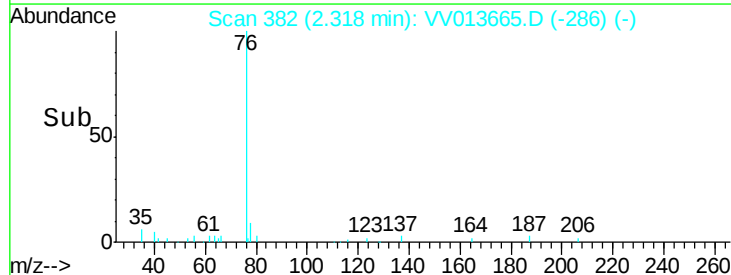
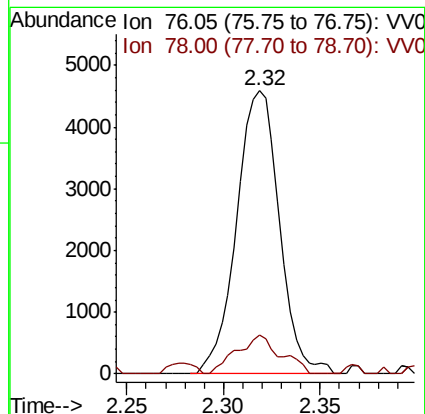
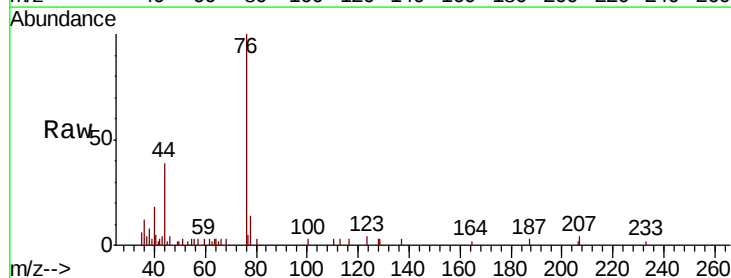
Acq: 18 Nov 2019 18:35

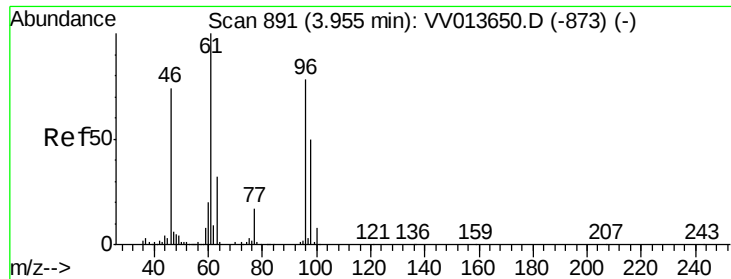
Tgt Ion: 76 Resp: 7064

Ion Ratio Lower Upper

76 100

78 13.7 7.4 11.2#





#22

cis-1,2-Dichloroethene

Concen: 1.925 ug/L

RT: 3.96 min Scan# 892

Delta R.T. 0.00 min

Lab File: VV013665.D

Acq: 18 Nov 2019 18:35

Instrument :

MSVOA_V

ClientSampleId :

GAQJ3

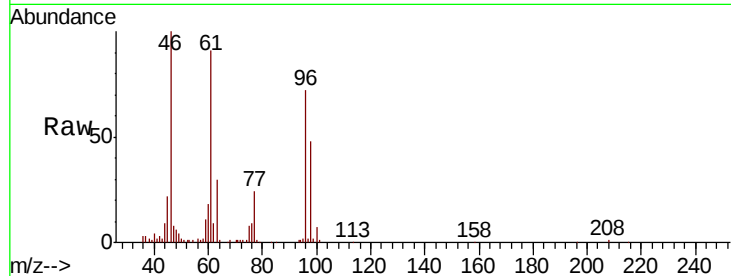
Tot Ion: 96 Resp: 46662

Ion Ratio Lower Upper

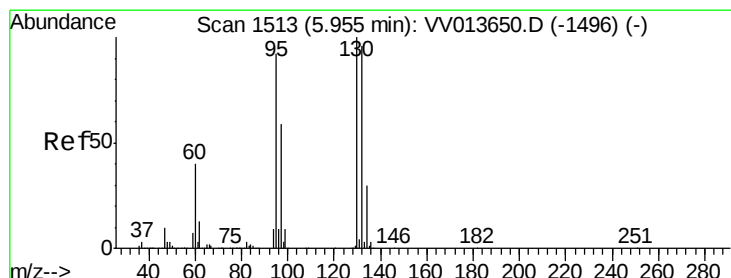
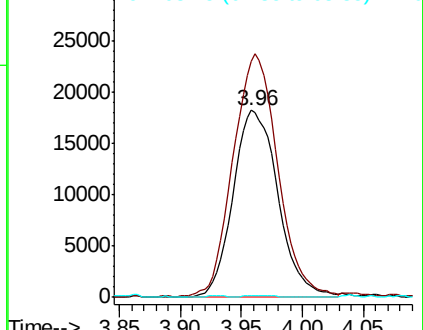
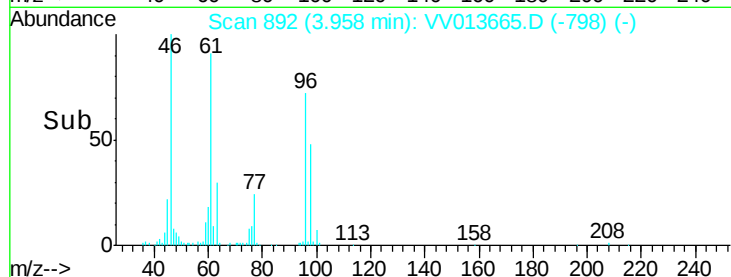
96 100

61 126.7 87.7 162.9

68 0.8 0.1 0.3#



Abundance Ion 96.00 (95.70 to 96.70): VV013665.D (-798) (-)



#34

Trichloroethene

Concen: 2.852 ug/L

RT: 5.95 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV013665.D

Acq: 18 Nov 2019 18:35

Tgt Ion: 95 Resp: 72302

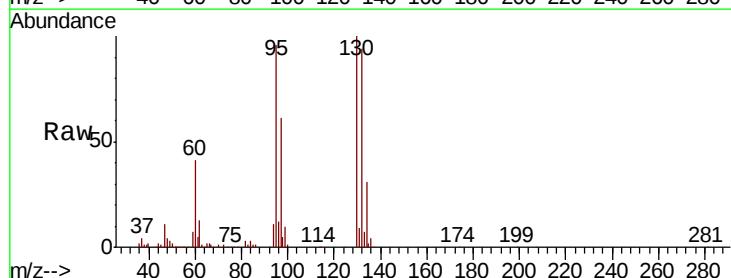
Ion Ratio Lower Upper

95 100

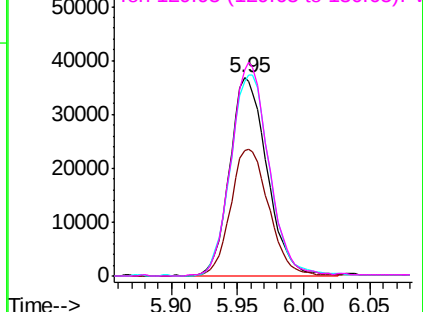
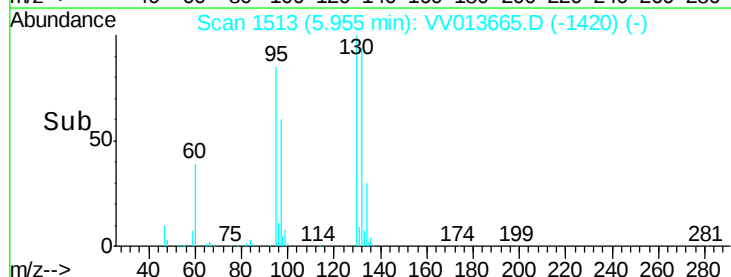
97 63.3 44.8 83.2

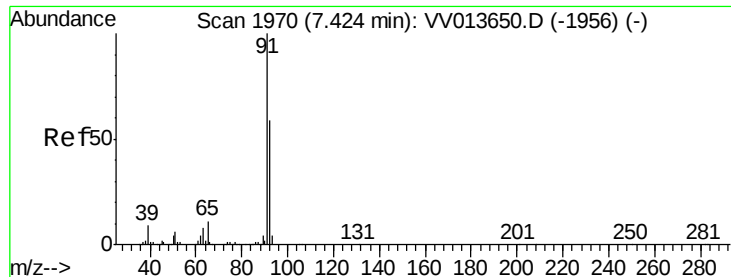
132 98.3 72.9 135.3

130 104.1 75.1 139.5



Abundance Ion 95.00 (94.70 to 95.70): VV013665.D (-1420) (-)





#42

Toluene

Concen: 0.094 ug/L

RT: 7.44 min Scan# 1974

Delta R.T. 0.01 min

Lab File: VV013665.D

Acq: 18 Nov 2019 18:35

Instrument :

MSVOA_V

ClientSampleId :

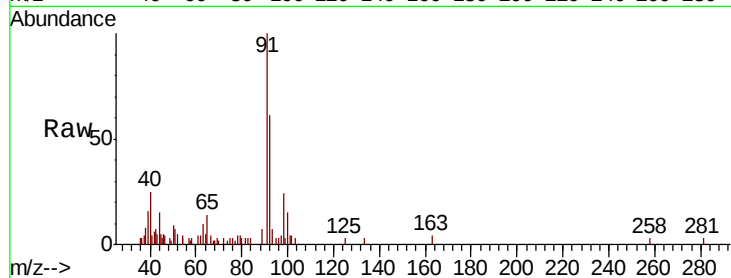
GAQJ3

Tot Ion: 91 Resp: 9469

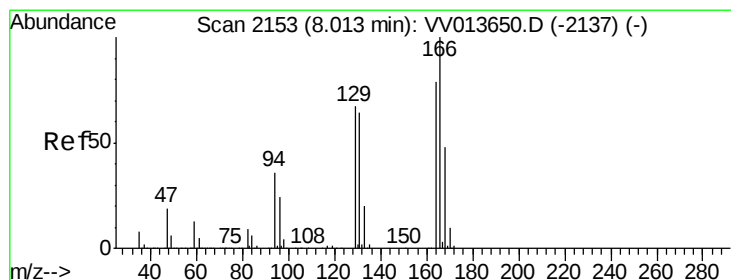
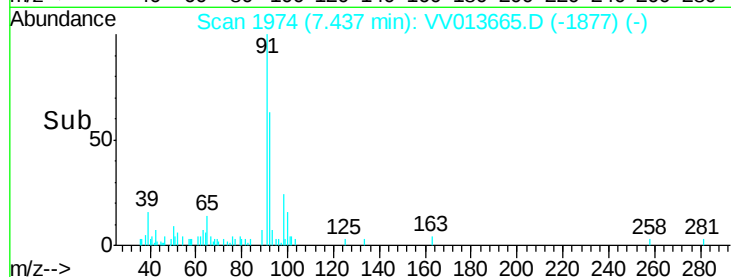
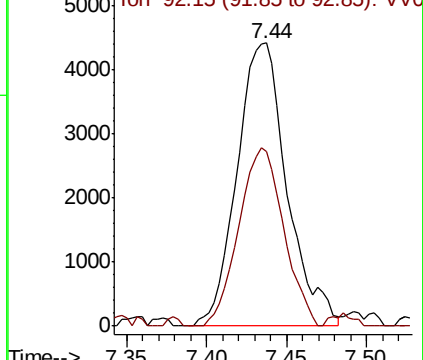
Ion Ratio Lower Upper

91 100

92 61.5 41.2 76.6



Abundance Ion 91.15 (90.85 to 91.85): VV013665.D (-1877) (-)



#47

Tetrachloroethene

Concen: 0.132 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013665.D

Acq: 18 Nov 2019 18:35

Tgt Ion: 164 Resp: 3094

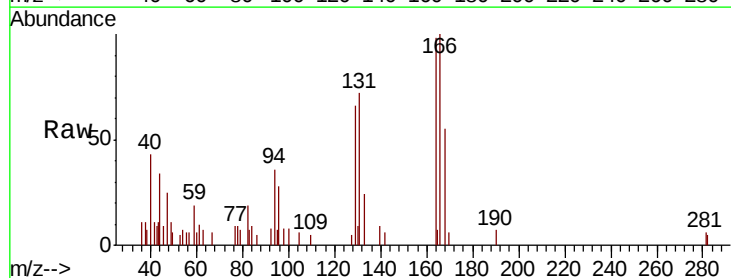
Ion Ratio Lower Upper

164 100

129 67.4 59.1 109.9

131 73.7 58.9 109.5

166 102.4 87.8 163.2

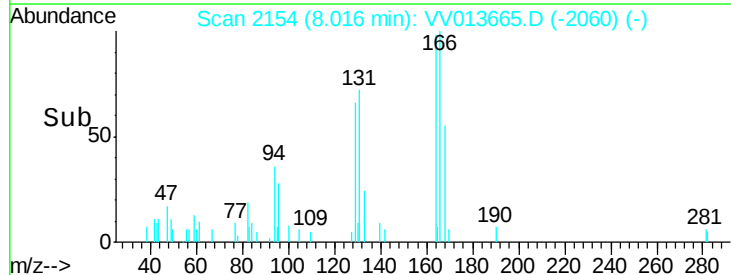
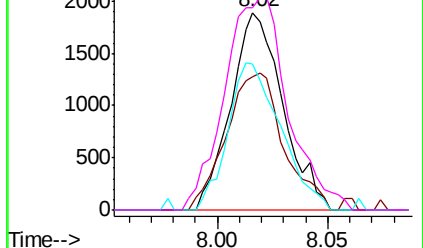


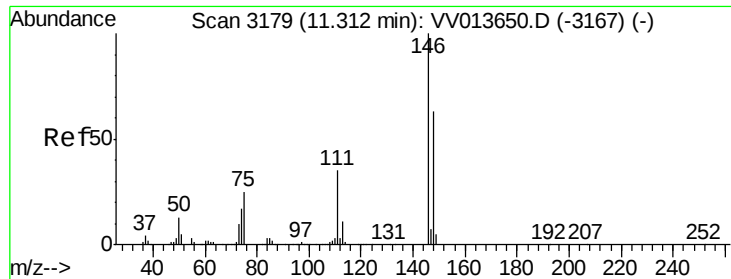
Abundance Ion 163.90 (163.60 to 164.60): VV013665.D (-2060) (-)

Ion 128.95 (128.65 to 129.65): VV013665.D (-2060) (-)

Ion 130.95 (130.65 to 131.65): VV013665.D (-2060) (-)

Ion 165.90 (165.60 to 166.60): VV013665.D (-2060) (-)





#63
 1,4-Dichlorobenzene
 Concen: 0.312 ug/L
 RT: 11.31 min Scan# 3180
 Delta R.T. 0.00 min
 Lab File: VV013665.D
 Acq: 18 Nov 2019 18:35

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQJ3

Tot Ion	Ratio	Lower	Upper
146	100		
111	33.4	25.6	47.6
148	72.4	45.6	84.8

