

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060419\
 Data File : VV011211.D
 Acq On : 04 Jun 2019 17:56
 Operator : SY/MD
 Sample : K3081-10MS
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GALD9MS

Quant Time: Jun 05 02:09:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 05 01:41:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	177991	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	162907	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70735	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61618	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.56	69	48890	4.36	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.12	63	125449	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.20%
20) 2-Butanone-d5	3.94	46	155526	51.22	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.44%
24) Chloroform-d	4.40	84	104248	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.08	65	61920	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.09	84	233679	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.12	67	71978	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.36	98	216631	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.66	79	26520	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.13	63	128199	53.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.06%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	50570	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	71150	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

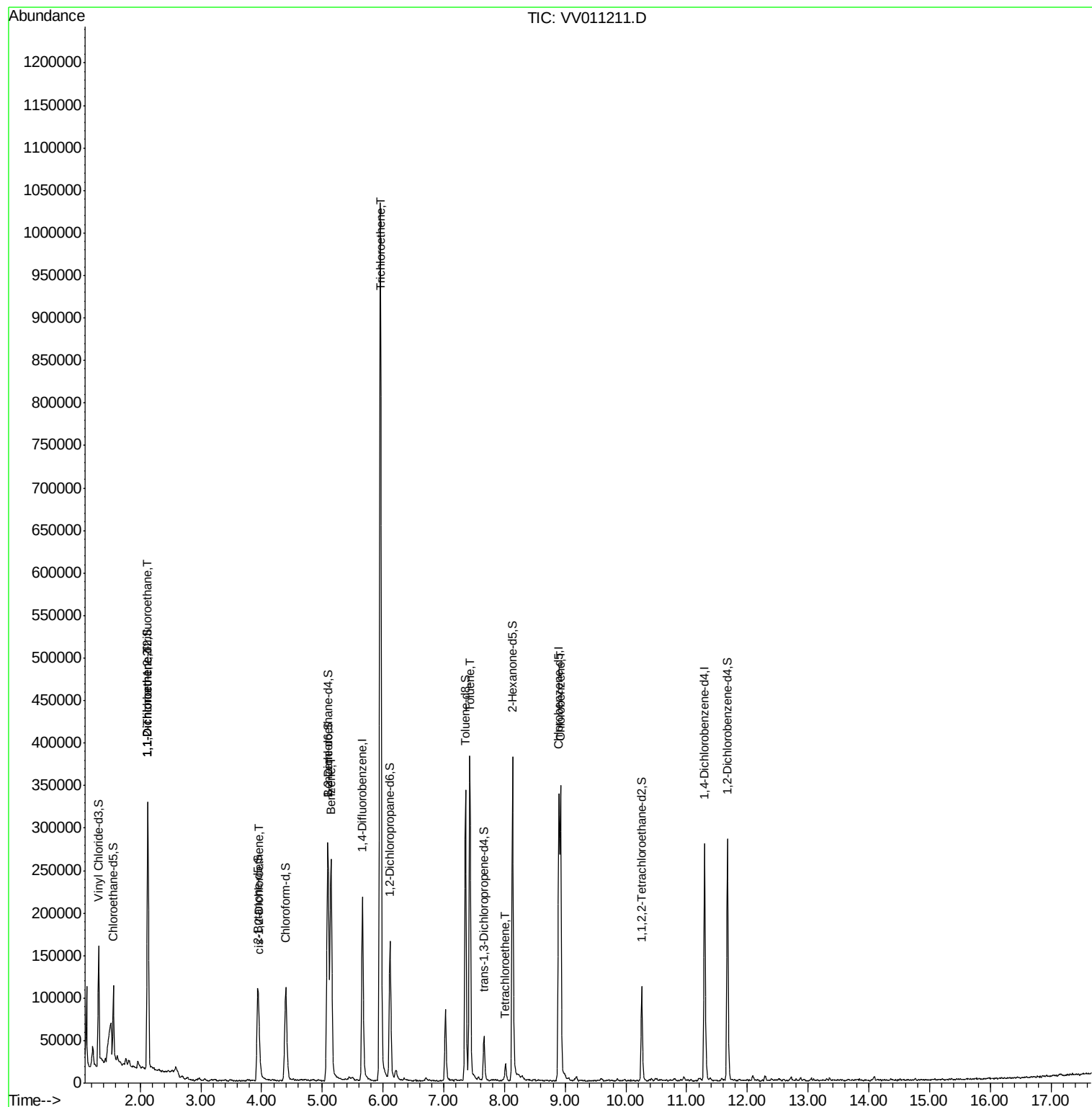
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3523	0.305 ug/L	96
12) 1,1-Dichloroethene	2.13	96	51768	4.616 ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	11091	0.798 ug/L	97
33) Benzene	5.14	78	246652	4.758 ug/L	100
34) Trichloroethene	5.96	95	352784	26.344 ug/L	99
42) Toluene	7.43	91	267177	4.836 ug/L	98
47) Tetrachloroethene	8.02	164	4386	0.453 ug/L	91
51) Chlorobenzene	8.92	112	161878	4.805 ug/L	99

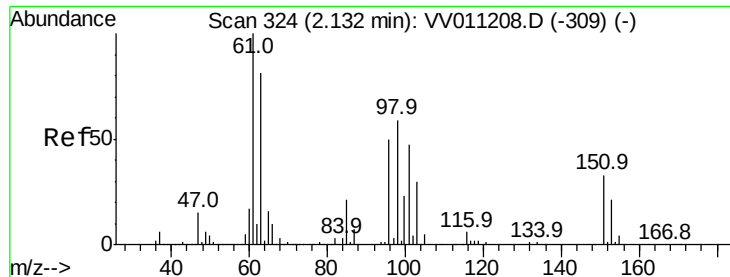
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 05 01:41:25 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.305 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV011211.D

Acq: 04 Jun 2019 17:56

Instrument :

MSVOA_V

ClientSampleId :

GALD9MS

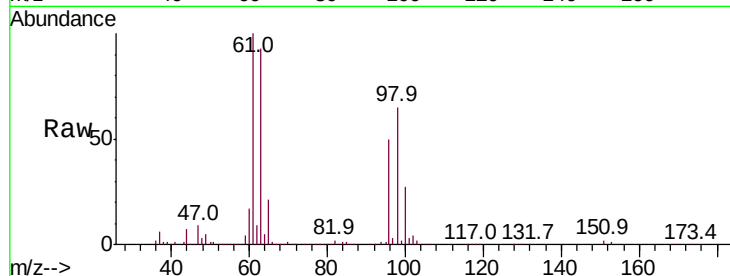
Tot Ion:101 Resp: 3523

Ion Ratio Lower Upper

101 100

85 45.2 35.5 53.3

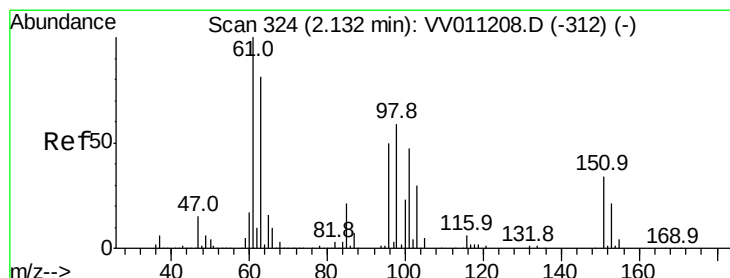
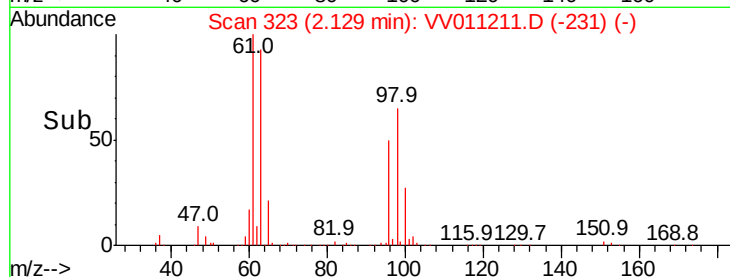
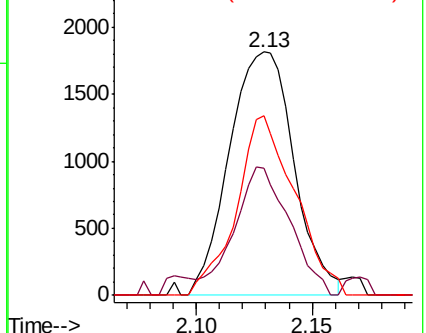
151 66.7 56.9 85.3



Abundance Ion 101.00 (100.70 to 101.70): VV011208.D (-309) (-)

Ion 85.00 (84.70 to 85.70): VV011208.D (-309) (-)

Ion 151.00 (150.70 to 151.70): VV011208.D (-309) (-)



#12

1,1-Dichloroethene

Concen: 4.616 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV011211.D

Acq: 04 Jun 2019 17:56

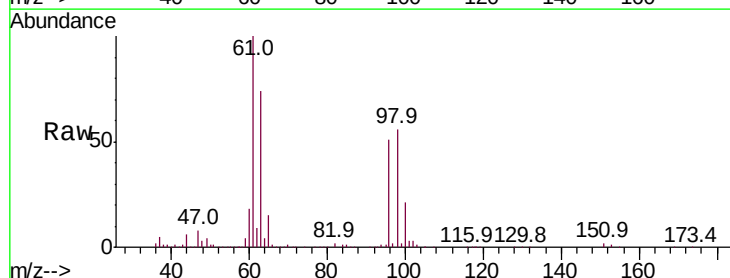
Tgt Ion: 96 Resp: 51768

Ion Ratio Lower Upper

96 100

61 194.5 139.8 259.6

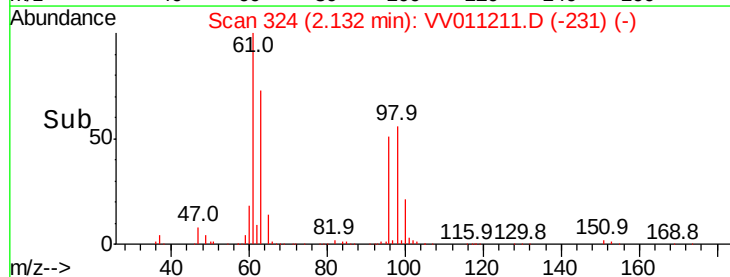
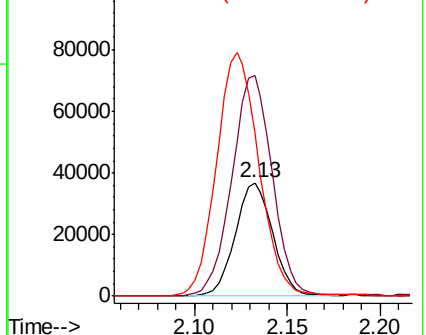
63 143.4 94.3 175.1

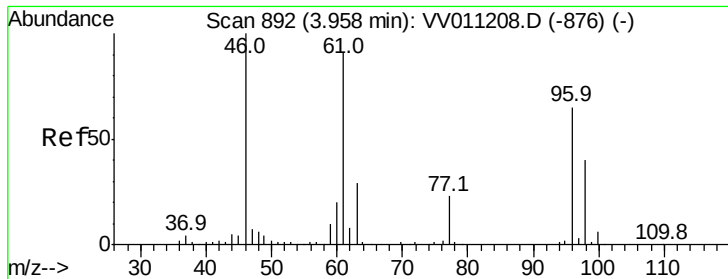


Abundance Ion 96.00 (95.70 to 96.70): VV011211.D (-231) (-)

Ion 61.05 (60.75 to 61.75): VV011211.D (-231) (-)

Ion 63.00 (62.70 to 63.70): VV011211.D (-231) (-)



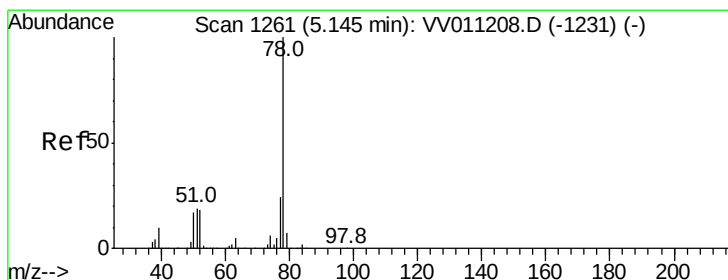
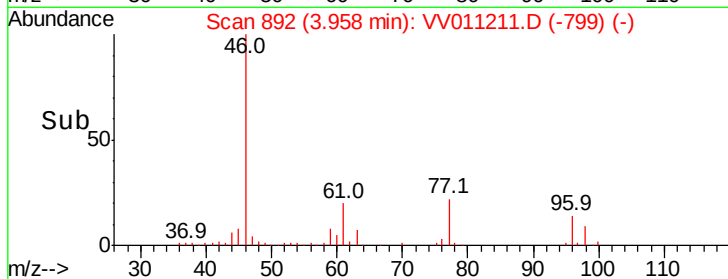
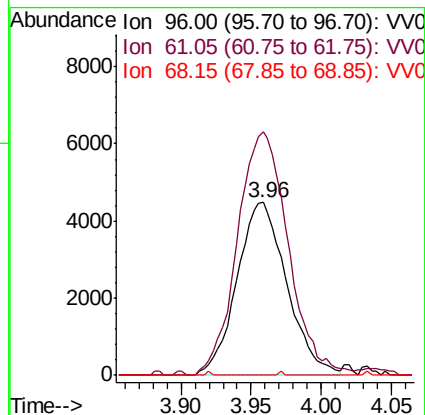
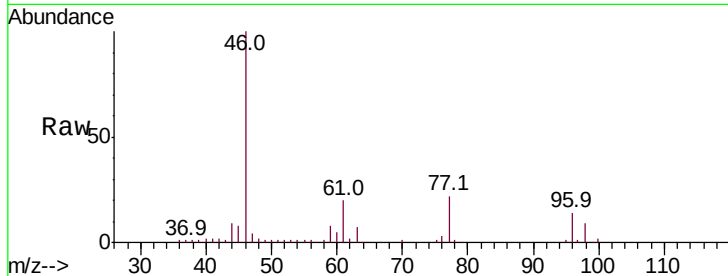


#22

cis-1,2-Dichloroethene
 Concen: 0.798 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: VV011211.D
 Acq: 04 Jun 2019 17:56

Instrument :
 MSVOA_V
 ClientSampleId :
 GALD9MS

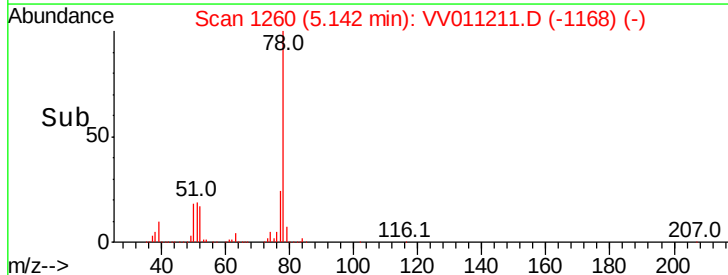
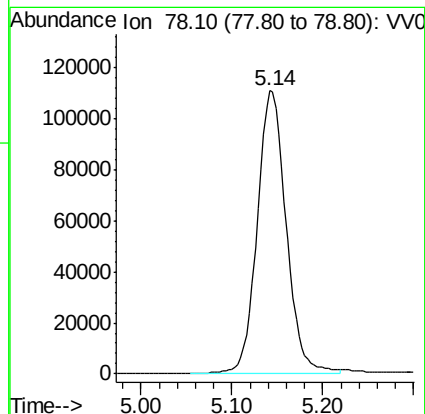
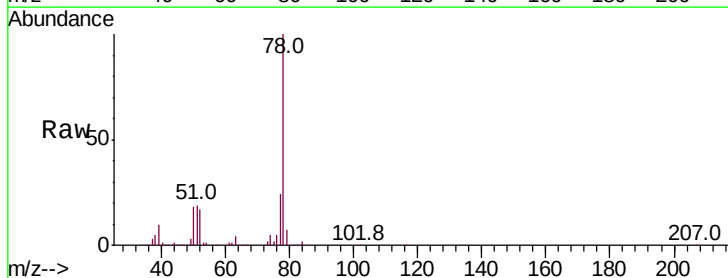
Tot Ion: 96 Resp: 11091
 Ion Ratio Lower Upper
 96 100
 61 140.9 100.8 187.2
 68 0.0 0.0 0.0

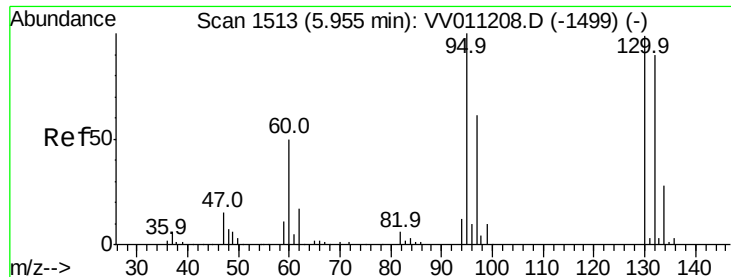


#33

Benzene
 Concen: 4.758 ug/L
 RT: 5.14 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VV011211.D
 Acq: 04 Jun 2019 17:56

Tgt Ion: 78 Resp: 246652





#34

Trichloroethene

Concen: 26.344 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV011211.D

Acq: 04 Jun 2019 17:56

Instrument :

MSVOA_V

ClientSampleId :

GALD9MS

Tot Ion: 95 Resp: 352784

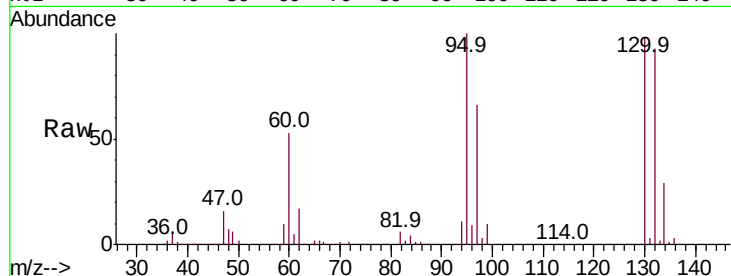
Ion Ratio Lower Upper

95 100

97 65.7 45.8 85.2

132 93.5 66.4 123.2

130 97.9 68.3 126.8

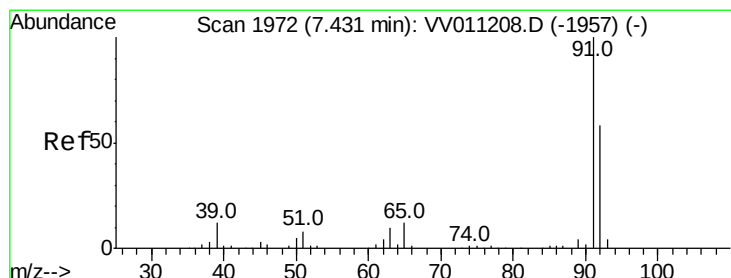
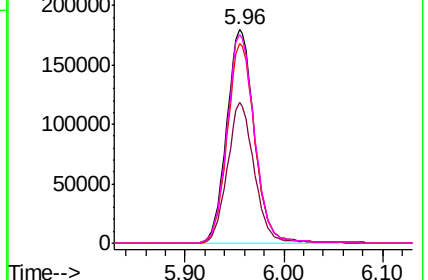
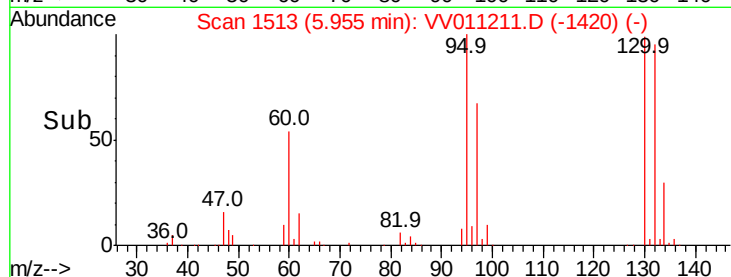


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 4.836 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011211.D

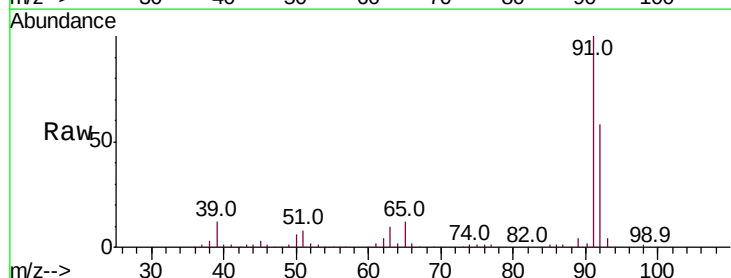
Acq: 04 Jun 2019 17:56

Tgt Ion: 91 Resp: 267177

Ion Ratio Lower Upper

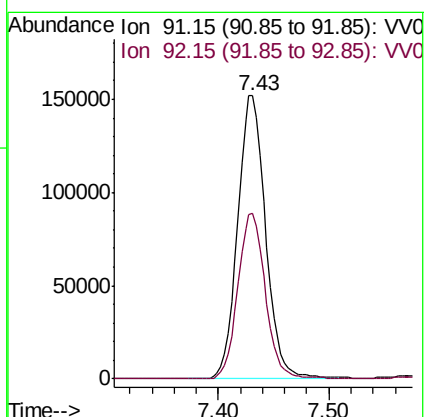
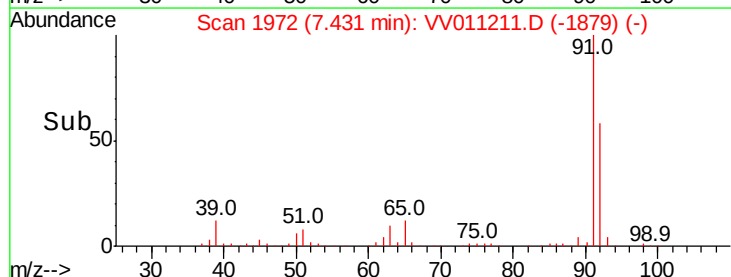
91 100

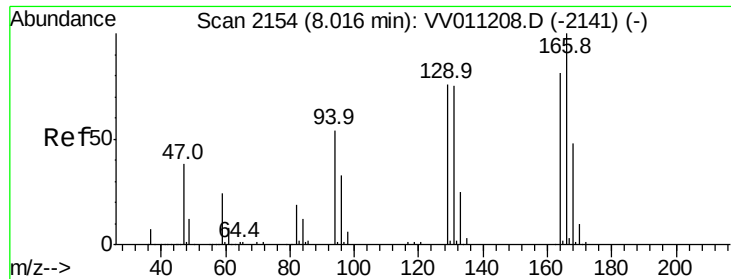
92 58.4 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

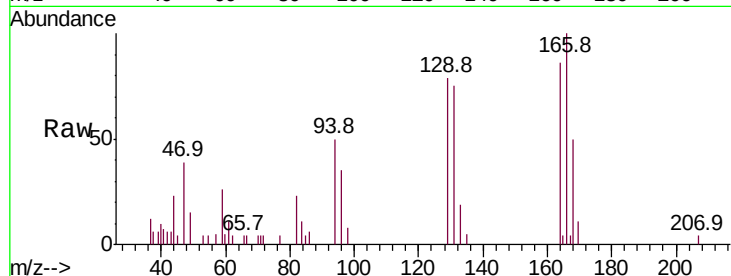




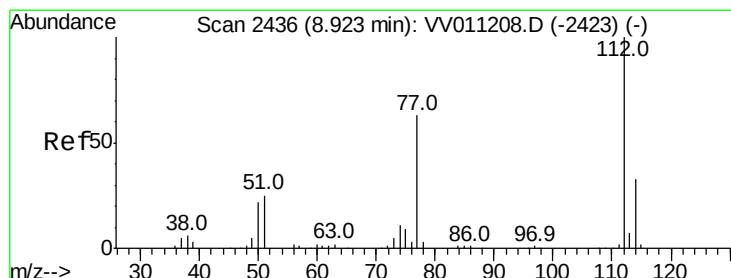
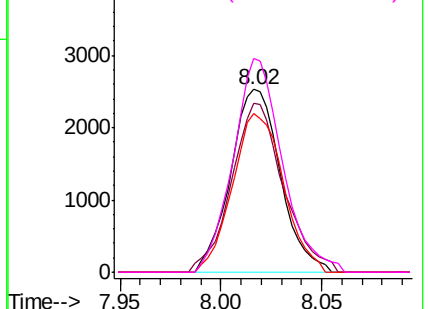
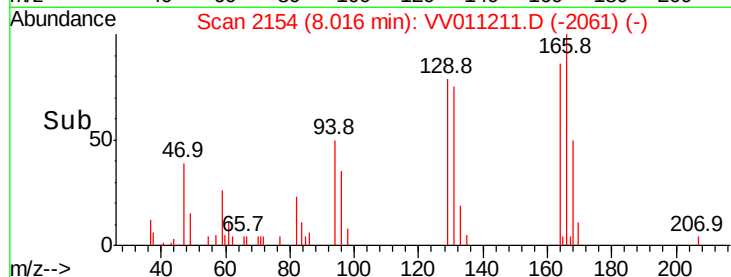
#47
Tetrachloroethene
Concen: 0.453 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV011211.D
Acq: 04 Jun 2019 17:56

Instrument :
MSVOA_V
ClientSampleId :
GALD9MS

Tot Ion:164 Resp: 4386
Ion Ratio Lower Upper
164 100
129 92.2 69.9 129.9
131 87.0 66.8 124.2
166 116.8 90.2 167.6

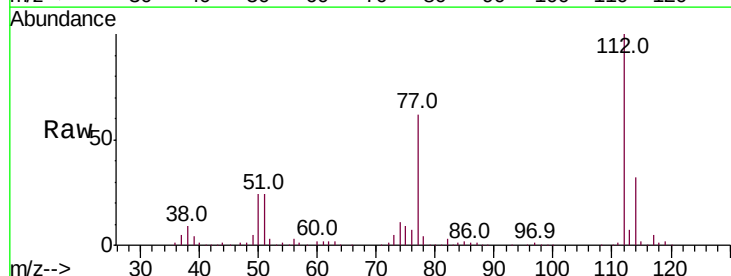


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#51
Chlorobenzene
Concen: 4.805 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV011211.D
Acq: 04 Jun 2019 17:56

Tgt Ion:112 Resp: 161878
Ion Ratio Lower Upper
112 100
114 31.9 22.6 42.0
77 62.0 50.1 75.1



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): VV0

