

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062019\
 Data File : VV011628.D
 Acq On : 19 Jun 2019 19:48
 Operator : SY/MD
 Sample : K3415-16MS
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GALQ2MS

Quant Time: Jun 20 04:43:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 20 02:04:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	154653	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	147304	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58775	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63757	5.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.20%
7) Chloroethane-d5	1.56	69	44172	5.97	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.40%
11) 1,1-Dichloroethene-d2	2.12	63	117091	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.40%
20) 2-Butanone-d5	3.94	46	157794	48.03	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.06%
24) Chloroform-d	4.40	84	96681	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.08	65	65782	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.09	84	231905	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.12	67	70076	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.36	98	202999	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
43) trans-1,3-Dichloropropene-	7.66	79	21966	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.13	63	118616	44.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.56%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47391	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	67161	5.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.60%

Target Compounds

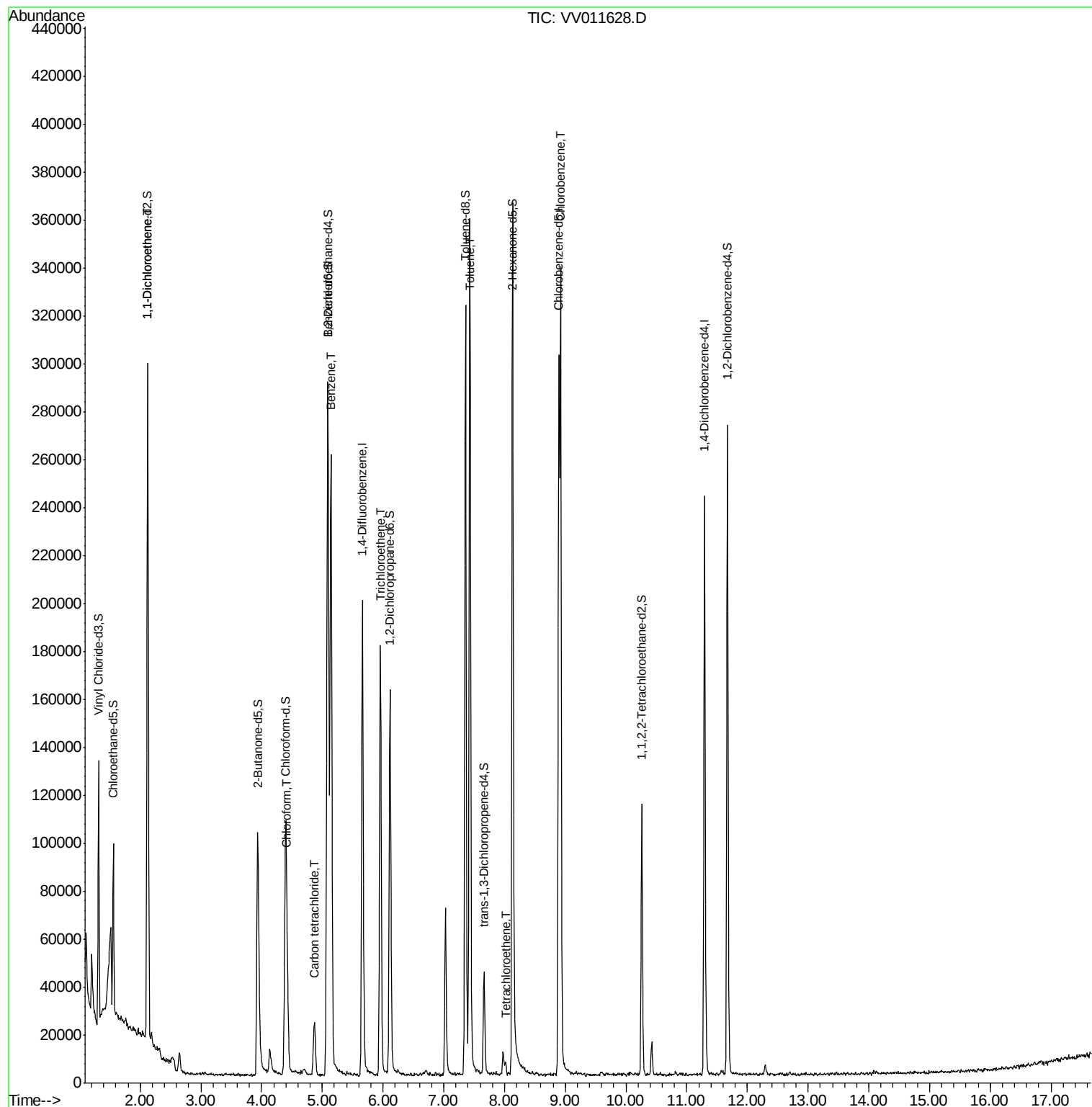
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	46338	4.818	ug/L	85
25) Chloroform	4.42	83	29526	1.308	ug/L	98
31) Carbon tetrachloride	4.87	117	15060	1.015	ug/L	99
33) Benzene	5.14	78	240099	4.990	ug/L	100
34) Trichloroethene	5.96	95	60299	4.915	ug/L	97
42) Toluene	7.43	91	249713	5.008	ug/L	100
47) Tetrachloroethene	8.02	164	982	0.112	ug/L	92
51) Chlorobenzene	8.92	112	159911	5.222	ug/L	99

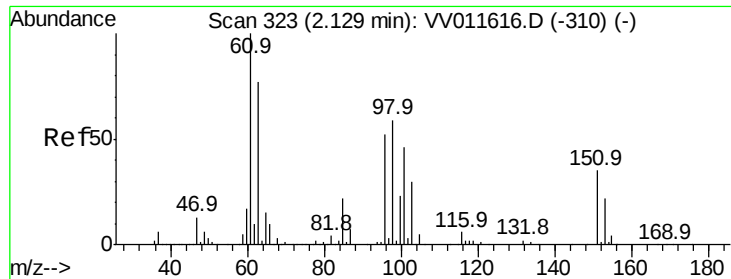
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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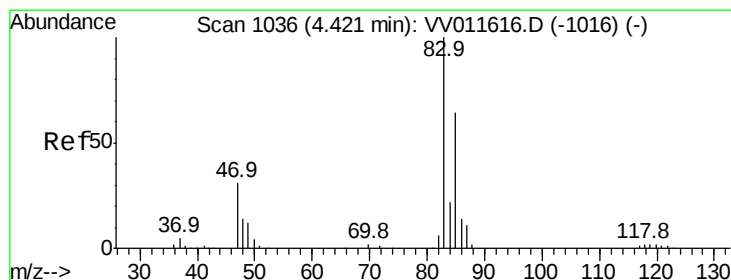
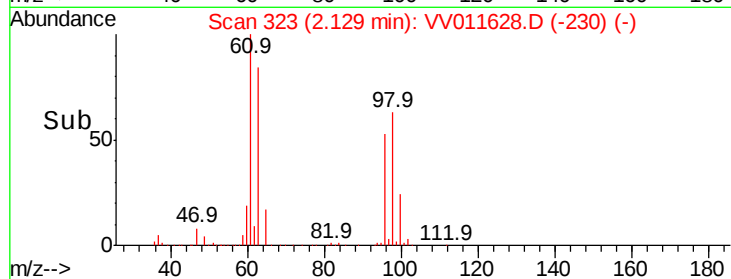
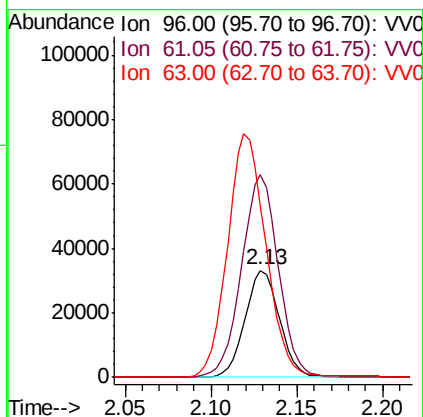
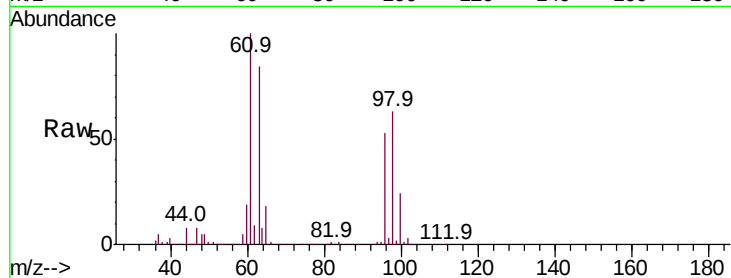




#12
 1,1-Dichloroethene
 Concen: 4.818 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.00 min
 Lab File: VV011628.D
 Acq: 19 Jun 2019 19:48

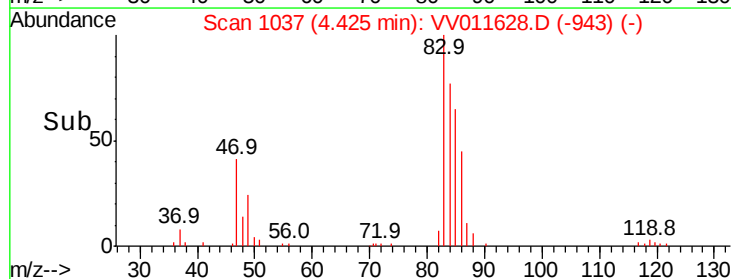
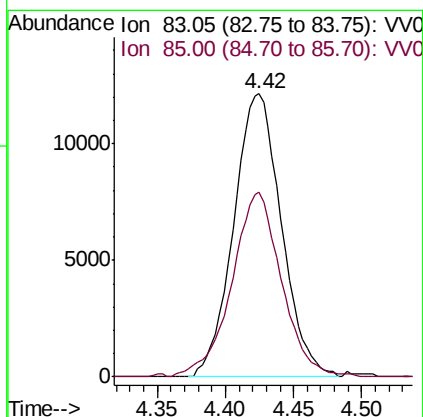
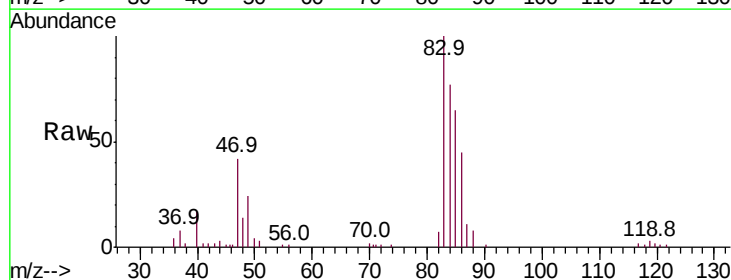
Instrument :
 MSVOA_V
 ClientSampleId :
 GALQ2MS

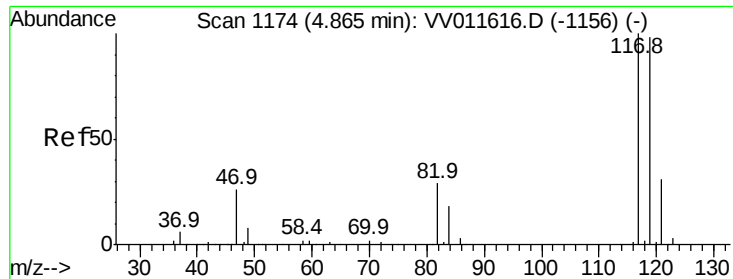
Tot Ion	96	Resp	46338
Ion	Ratio	Lower	Upper
96	100		
61	189.2	135.9	252.5
63	159.9	86.2	160.2



#25
 Chloroform
 Concen: 1.308 ug/L
 RT: 4.42 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VV011628.D
 Acq: 19 Jun 2019 19:48

Tgt Ion	83	Resp	29526
Ion	Ratio	Lower	Upper
83	100		
85	65.1	44.6	82.8

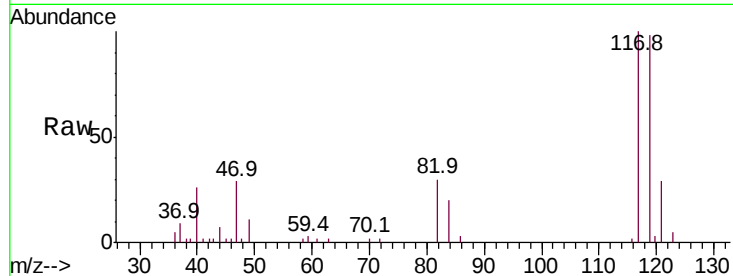




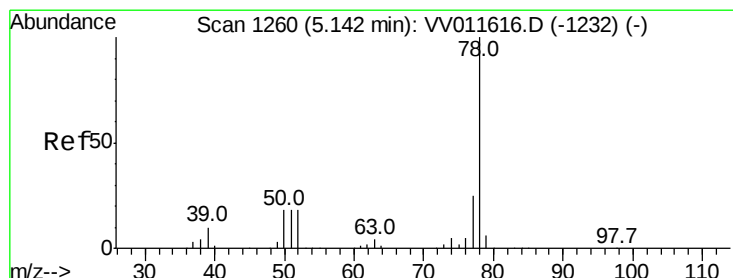
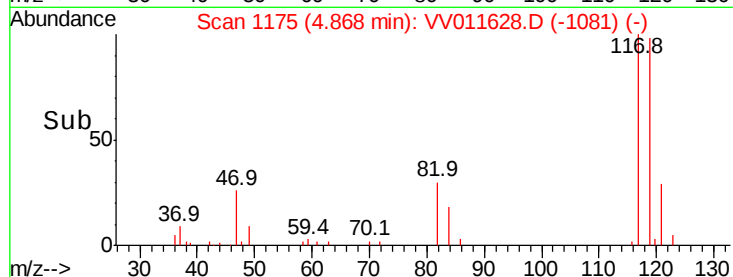
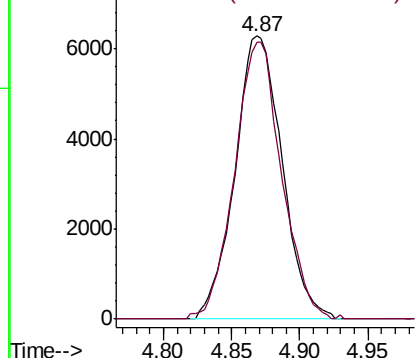
#31
Carbon tetrachloride
Concen: 1.015 ug/L
RT: 4.87 min Scan# 1175
Delta R.T. 0.00 min
Lab File: VV011628.D
Acq: 19 Jun 2019 19:48

Instrument :
MSVOA_V
ClientSampleId :
GALQ2MS

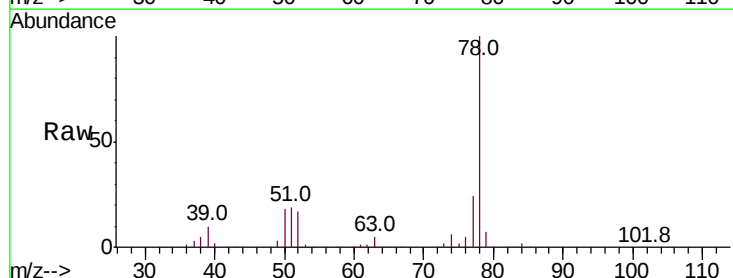
Tot Ion:117 Resp: 15060
Ion Ratio Lower Upper
117 100
119 97.8 77.4 116.2



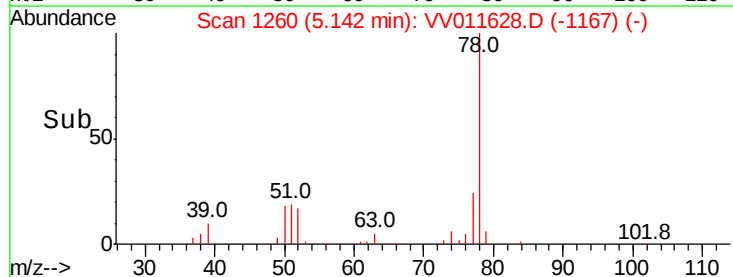
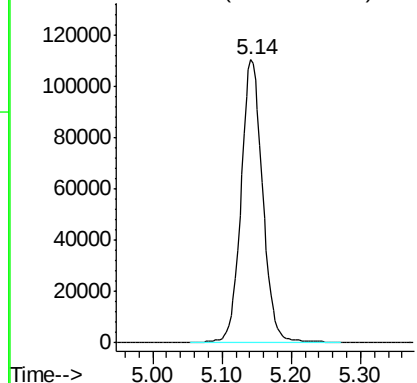
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V

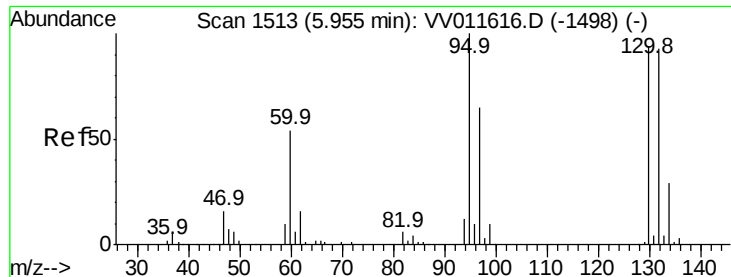


#33
Benzene
Concen: 4.990 ug/L
RT: 5.14 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VV011628.D
Acq: 19 Jun 2019 19:48
Tgt Ion: 78 Resp: 240099



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 4.915 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV011628.D

Acq: 19 Jun 2019 19:48

Instrument :

MSVOA_V

ClientSampleId :

GALQ2MS

Tot Ion: 95 Resp: 60299

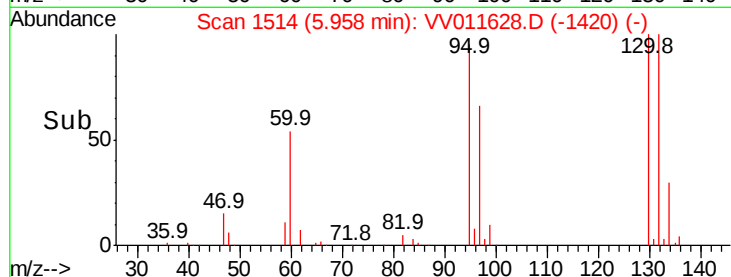
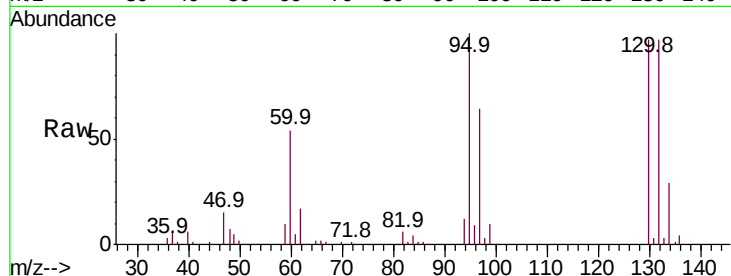
Ion Ratio Lower Upper

95 100

97 63.7 44.4 82.4

132 96.9 63.5 117.9

130 96.8 68.5 127.3

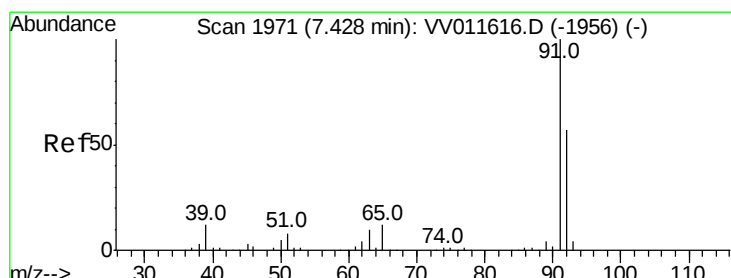
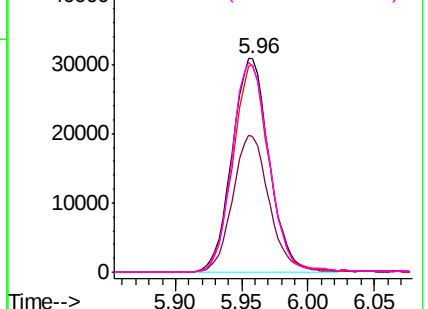


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 5.008 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011628.D

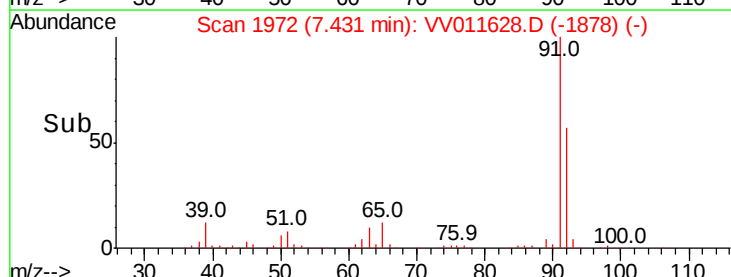
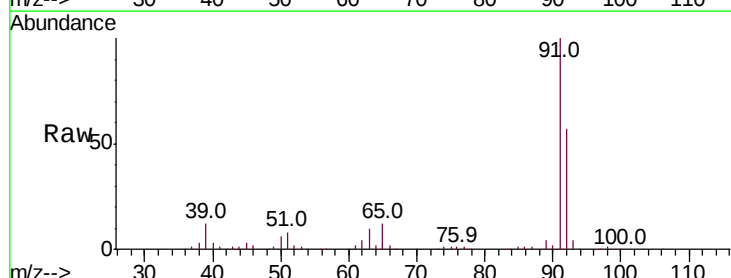
Acq: 19 Jun 2019 19:48

Tgt Ion: 91 Resp: 249713

Ion Ratio Lower Upper

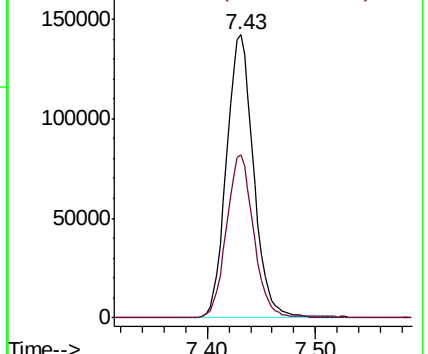
91 100

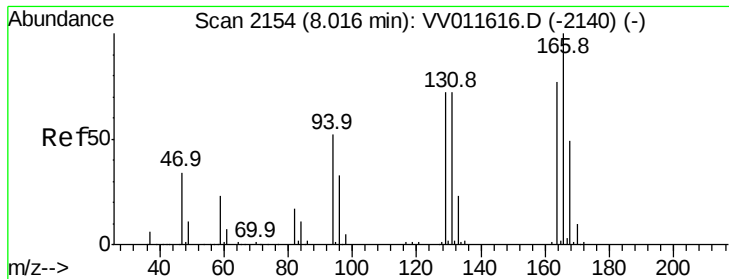
92 57.5 40.5 75.1



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#47

Tetrachloroethene

Concen: 0.112 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV011628.D

Acq: 19 Jun 2019 19:48

Instrument :

MSVOA_V

ClientSampleId :

GALQ2MS

Tot Ion:164 Resp: 982

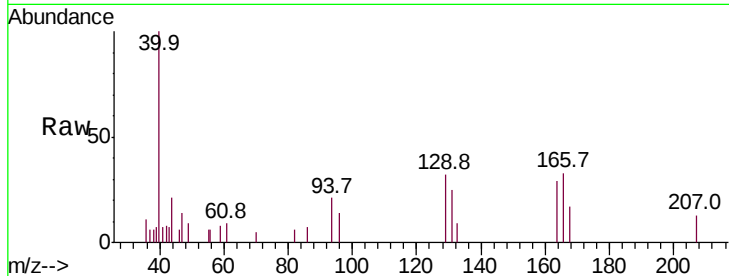
Ion Ratio Lower Upper

164 100

129 108.8 68.8 127.8

131 87.1 63.2 117.4

166 113.6 87.0 161.6

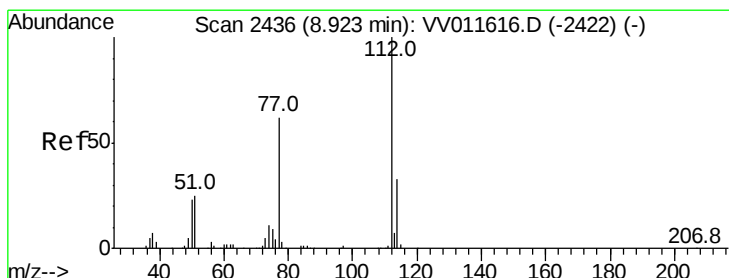
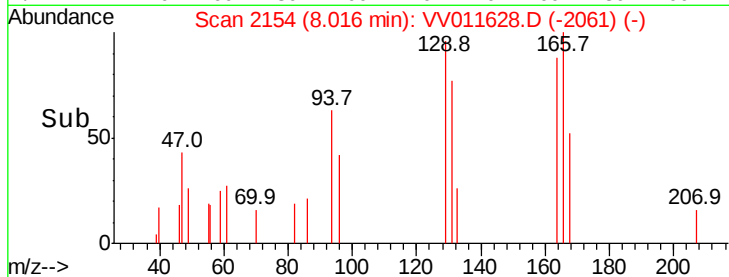
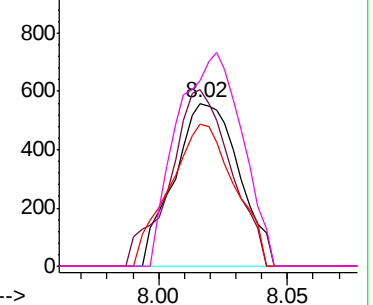


Abundance Ion 163.90 (163.60 to 164.60): V

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: 5.222 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VV011628.D

Acq: 19 Jun 2019 19:48

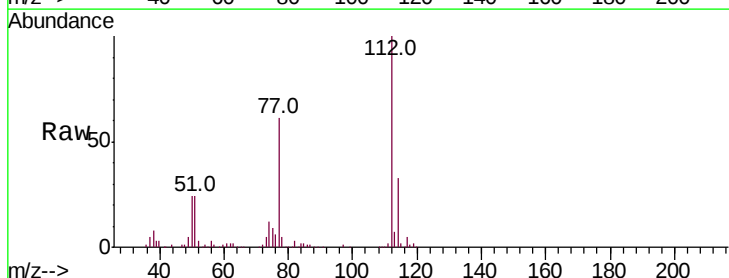
Tgt Ion:112 Resp: 159911

Ion Ratio Lower Upper

112 100

114 32.9 21.9 40.7

77 61.5 49.3 73.9



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

