

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062019\
 Data File : VV011629.D
 Acq On : 19 Jun 2019 20:14
 Operator : SY/MD
 Sample : K3415-17MSD
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GALQ2MSD

Quant Time: Jun 20 04:46:17 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	163659	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	155293	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63247	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63576	5.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.00%
7) Chloroethane-d5	1.56	69	45073	5.76	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.20%
11) 1,1-Dichloroethene-d2	2.12	63	118577	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.80%
20) 2-Butanone-d5	3.94	46	160647	46.20	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.40%
24) Chloroform-d	4.40	84	97052	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
26) 1,2-Dichloroethane-d4	5.08	65	66864	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.09	84	235079	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.12	67	71249	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.36	98	206576	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	7.66	79	21026	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.13	63	122558	43.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.80%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47505	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	66848	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

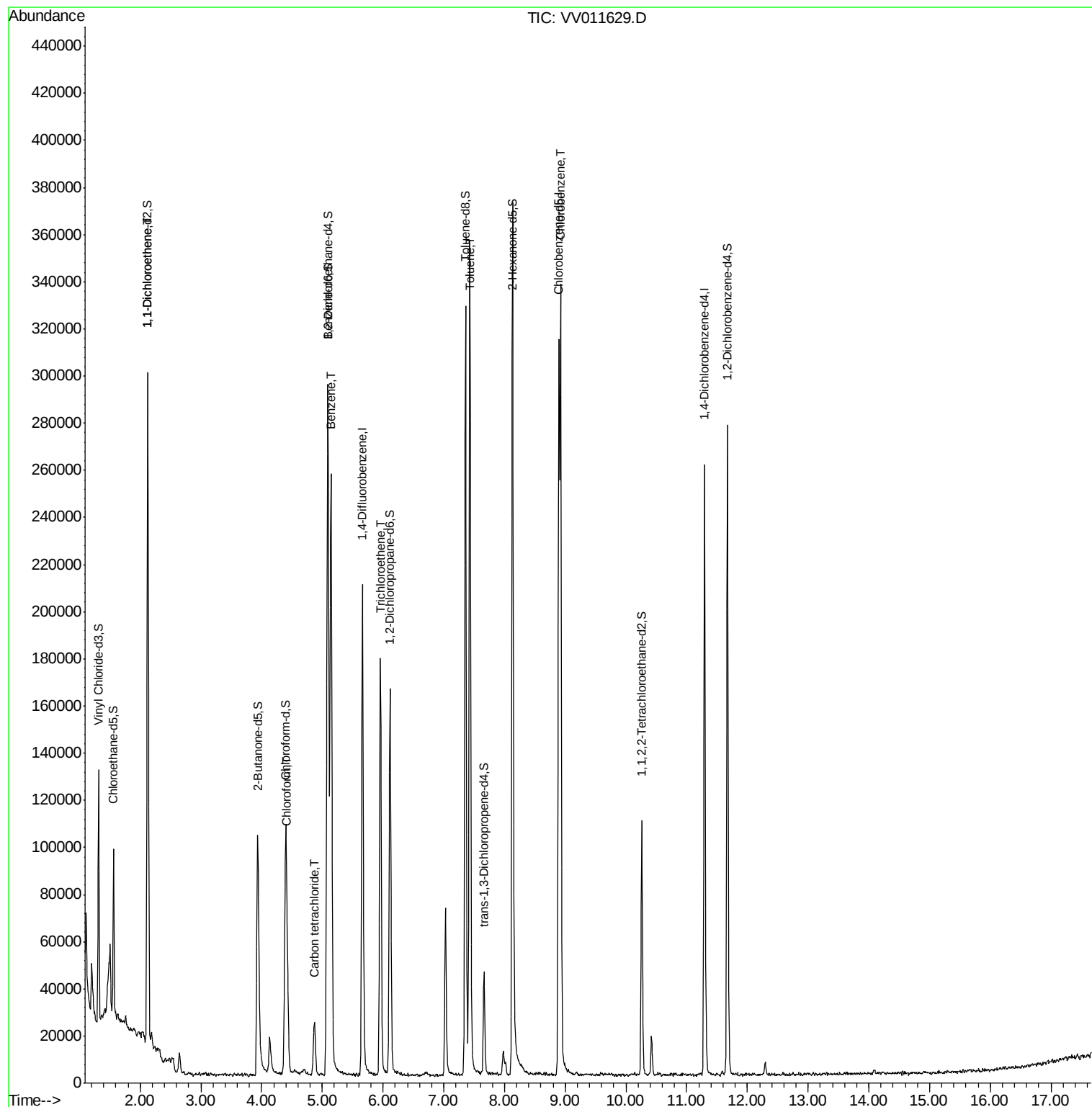
					Ovalue
12) 1,1-Dichloroethene	2.13	96	45652	4.485 ug/L	92
25) Chloroform	4.42	83	33217	1.390 ug/L	99
31) Carbon tetrachloride	4.87	117	15406	0.985 ug/L	98
33) Benzene	5.14	78	237871	4.689 ug/L	100
34) Trichloroethene	5.96	95	60349	4.666 ug/L	99
42) Toluene	7.43	91	248982	4.737 ug/L	100
51) Chlorobenzene	8.92	112	157382	4.875 ug/L	100

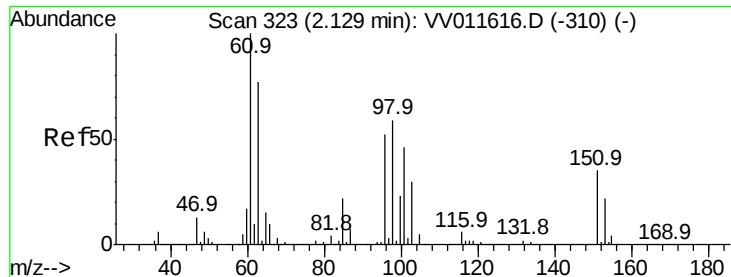
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 20 02:04:09 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.485 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV011629.D

Acq: 19 Jun 2019 20:14

Instrument :

MSVOA_V

ClientSampleId :

GALQ2MSD

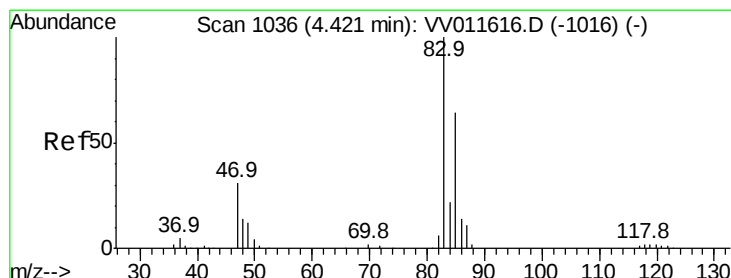
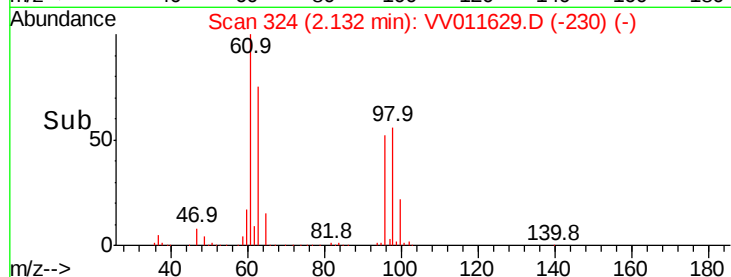
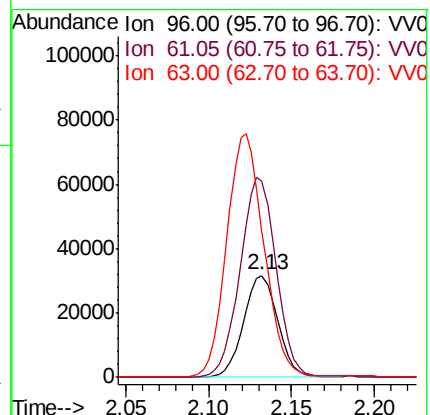
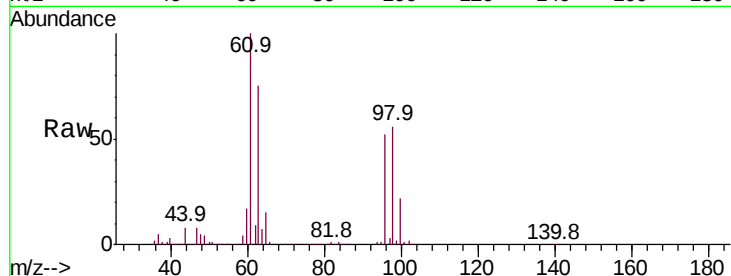
Tot Ion: 96 Resp: 45652

Ion Ratio Lower Upper

96 100

61 192.8 135.9 252.5

63 144.3 86.2 160.2



#25

Chloroform

Concen: 1.390 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VV011629.D

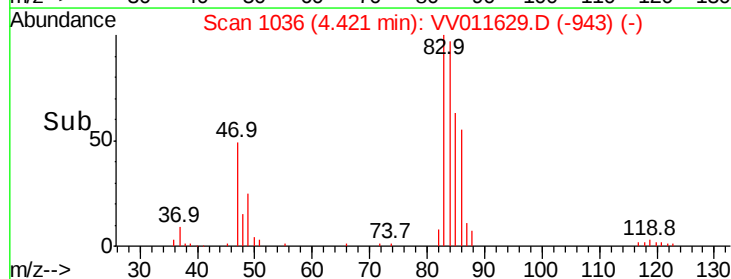
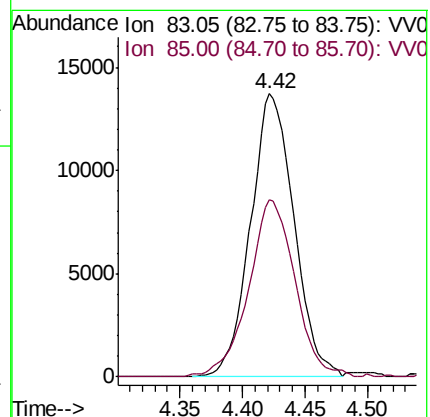
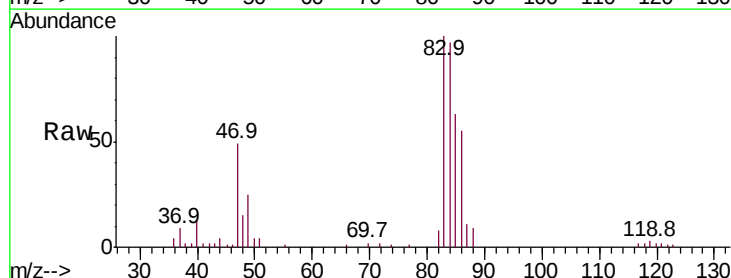
Acq: 19 Jun 2019 20:14

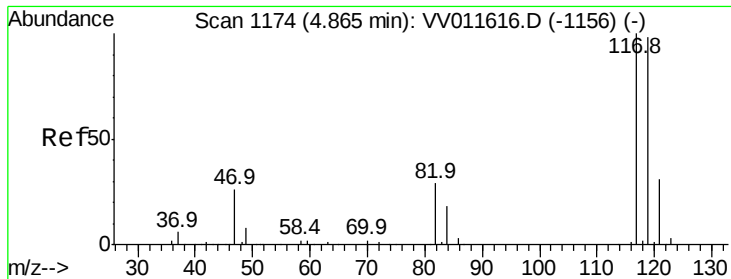
Tgt Ion: 83 Resp: 33217

Ion Ratio Lower Upper

83 100

85 62.8 44.6 82.8



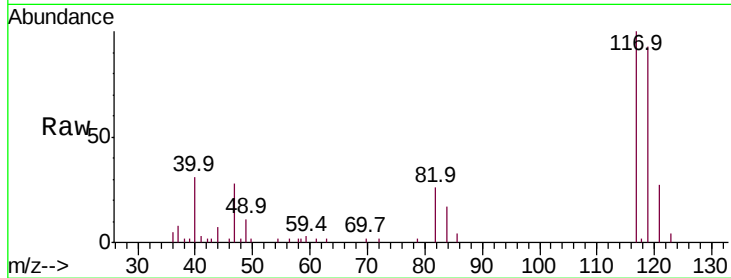


#31

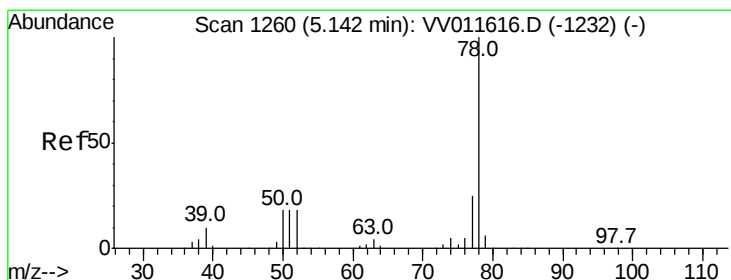
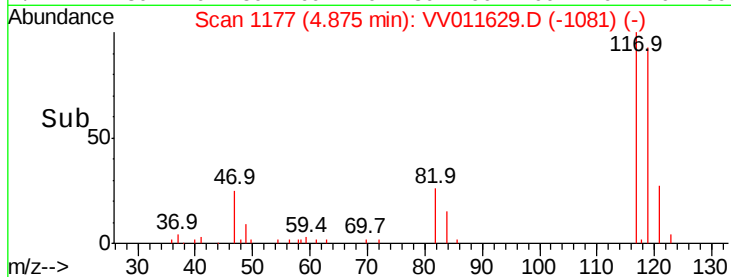
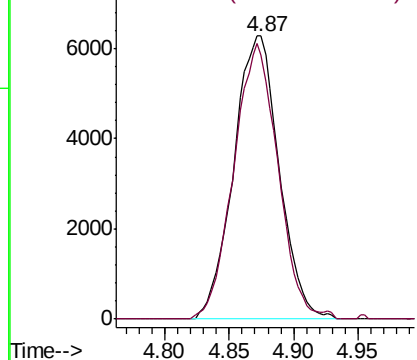
Carbon tetrachloride
Concen: 0.985 ug/L
RT: 4.87 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VV011629.D
Acq: 19 Jun 2019 20:14

Instrument :
MSVOA_V
ClientSampleId :
GALQ2MSD

Tot Ion:117 Resp: 15406
Ion Ratio Lower Upper
117 100
119 94.7 77.4 116.2



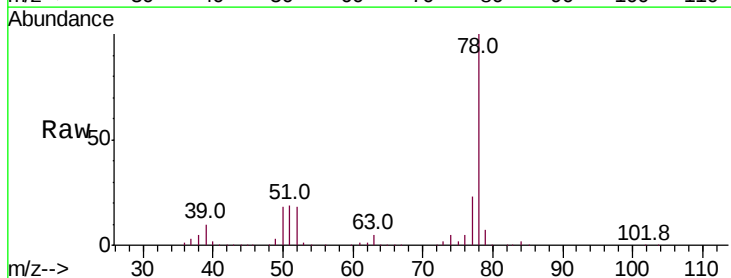
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V



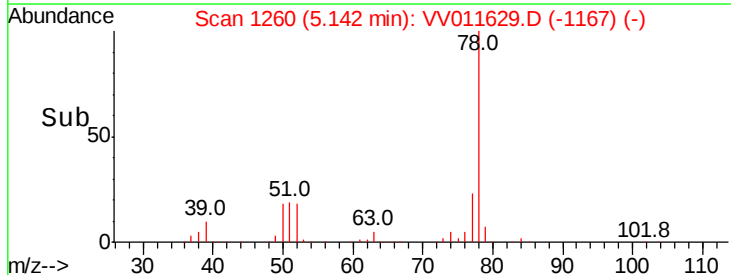
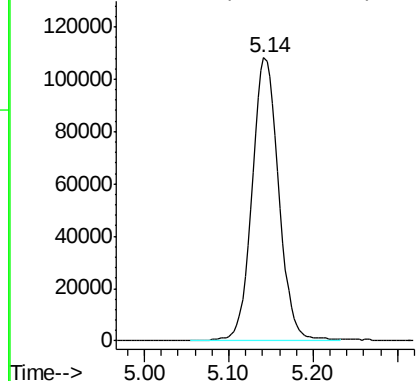
#33

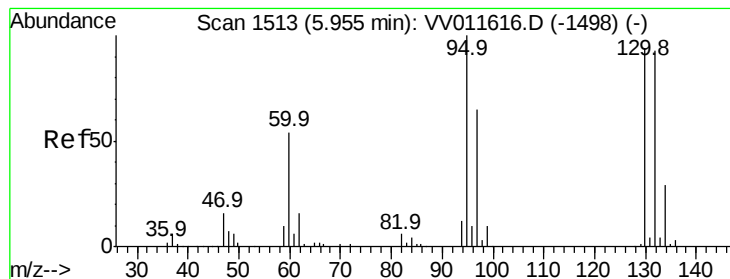
Benzene
Concen: 4.689 ug/L
RT: 5.14 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VV011629.D
Acq: 19 Jun 2019 20:14

Tgt Ion: 78 Resp: 237871



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 4.666 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV011629.D

Acq: 19 Jun 2019 20:14

Instrument :

MSVOA_V

ClientSampleId :

GALQ2MSD

Tot Ion: 95 Resp: 60349

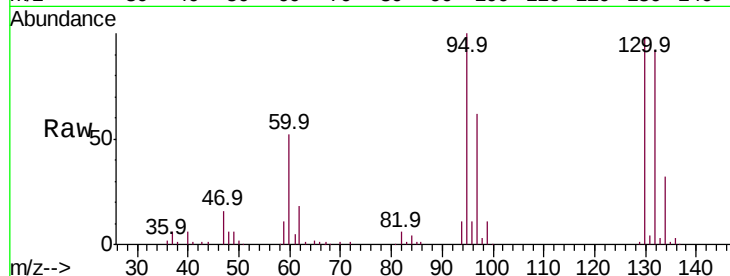
Ion Ratio Lower Upper

95 100

97 61.8 44.4 82.4

132 92.2 63.5 117.9

130 98.2 68.5 127.3

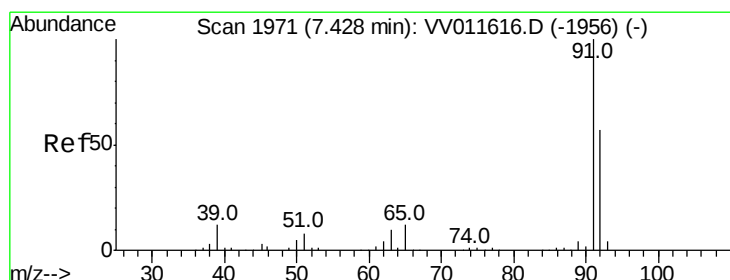
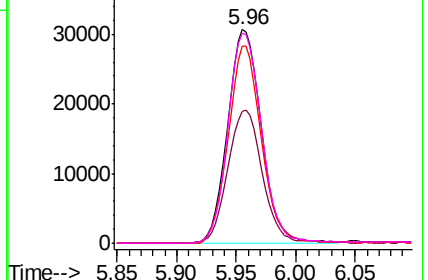
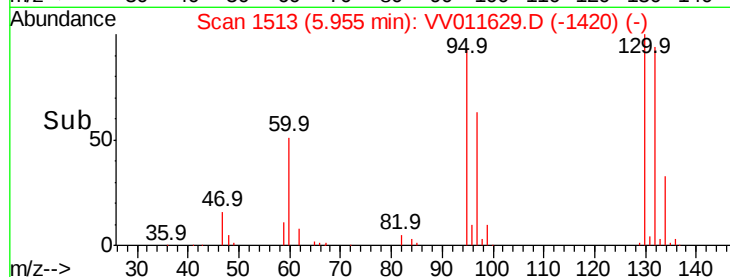


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#42

Toluene

Concen: 4.737 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011629.D

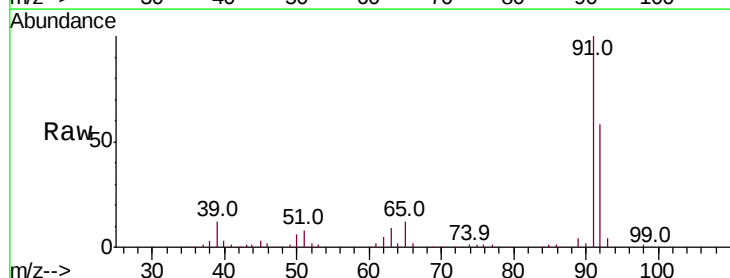
Acq: 19 Jun 2019 20:14

Tgt Ion: 91 Resp: 248982

Ion Ratio Lower Upper

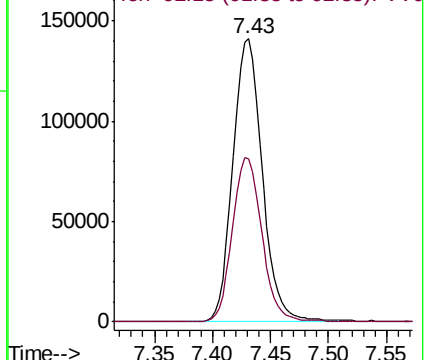
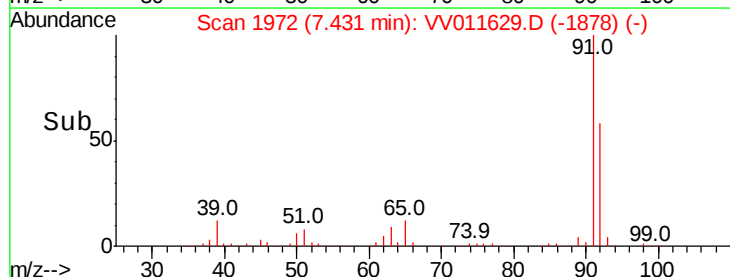
91 100

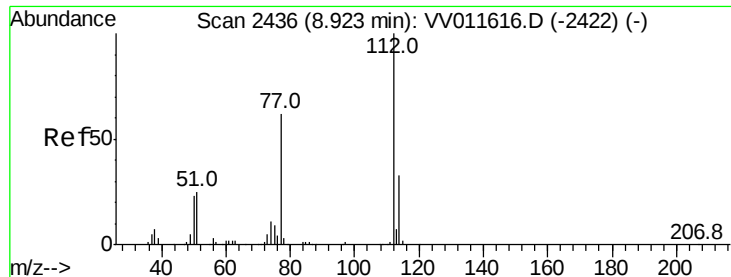
92 57.8 40.5 75.1



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#51

Chlorobenzene

Concen: 4.875 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VV011629.D

Acq: 19 Jun 2019 20:14

Instrument :

MSVOA_V

ClientSampleId :

GALQ2MSD

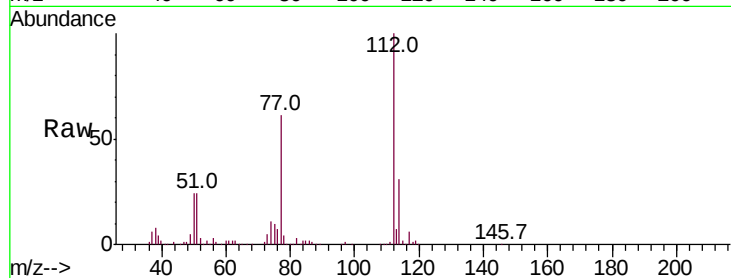
Tot Ion:112 Resp: 157382

Ion Ratio Lower Upper

112 100

114 31.1 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

