

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051820\
 Data File : VV016108.D
 Acq On : 18 May 2020 17:45
 Operator : SY/MD
 Sample : VIBLK61
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK61

Quant Time: May 19 06:22:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM051820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 19 04:04:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	316535	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	311242	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145468	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102488	44.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.80%
7) Chloroethane-d5	1.58	69	94387	46.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.22%
11) 1,1-Dichloroethene-d2	2.13	63	150463	34.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.72%
21) 2-Butanone-d5	3.93	46	146611	106.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.49%
24) Chloroform-d	4.38	84	194398	44.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.98%
26) 1,2-Dichloroethane-d4	5.06	65	148371	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.78%
32) Benzene-d6	5.08	84	403948	47.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.66%
36) 1,2-Dichloropropane-d6	6.10	67	131378	48.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.32%
41) Toluene-d8	7.34	98	372583	46.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.56%
43) trans-1,3-Dichloropropene-	7.64	79	60913	44.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.98%
47) 2-Hexanone-d5	8.12	63	94205	107.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.17%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	164266	48.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	142450	49.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.02%

Target Compounds

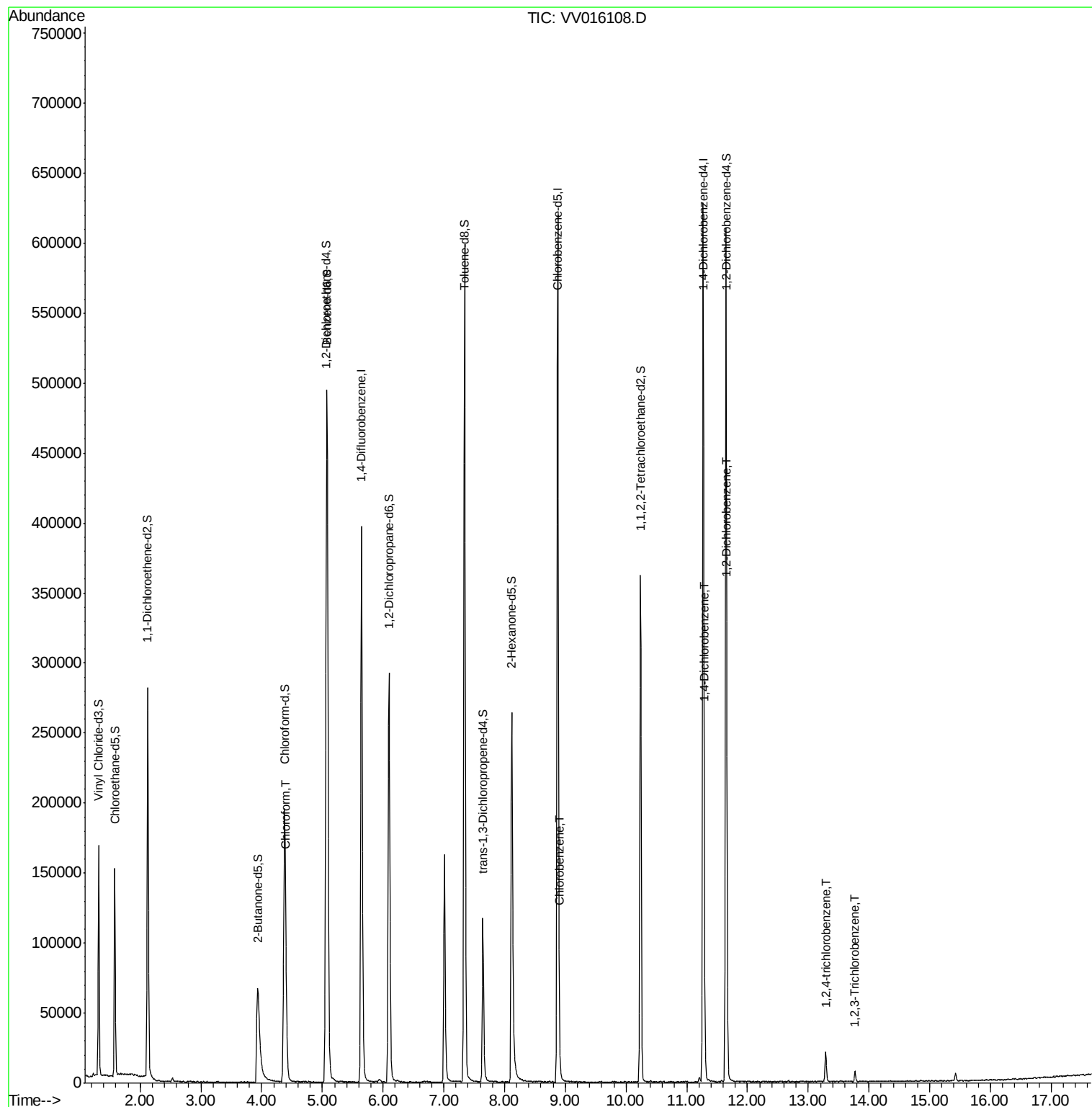
					Ovalue
25) Chloroform	4.41	83	17049	3.866	ug/L 100
51) Chlorobenzene	8.91	112	6605	1.064	ug/L 97
63) 1,4-Dichlorobenzene	11.30	146	10387	2.248	ug/L 95
65) 1,2-Dichlorobenzene	11.67	146	9256	2.029	ug/L 96
68) 1,2,4-trichlorobenzene	13.29	180	6209	2.216	ug/L 95
70) 1,2,3-Trichlorobenzene	13.77	180	2196	0.774	ug/L 98

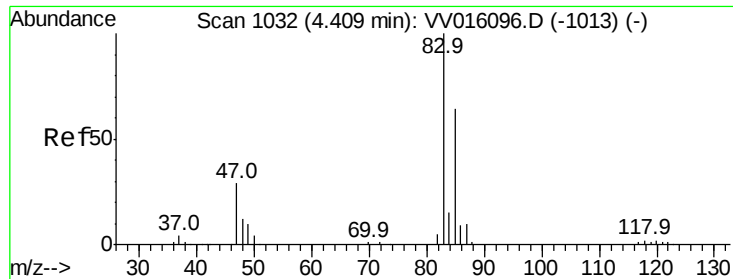
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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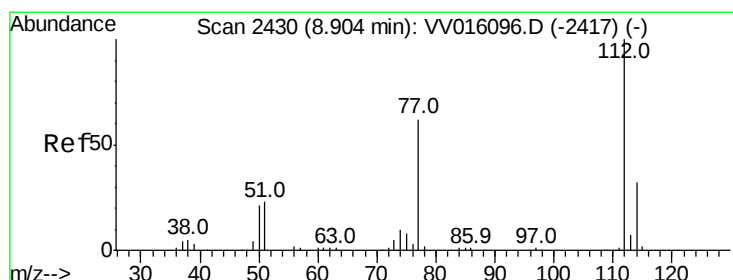
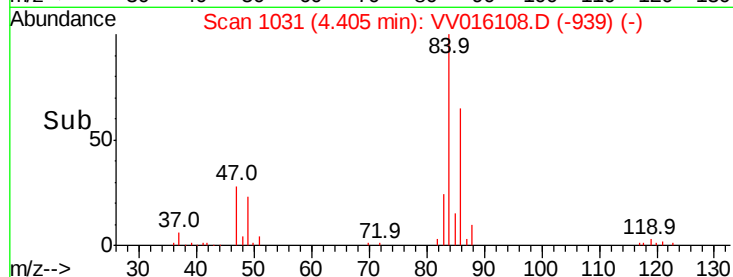
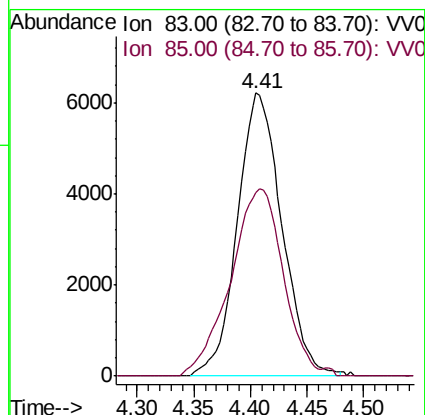
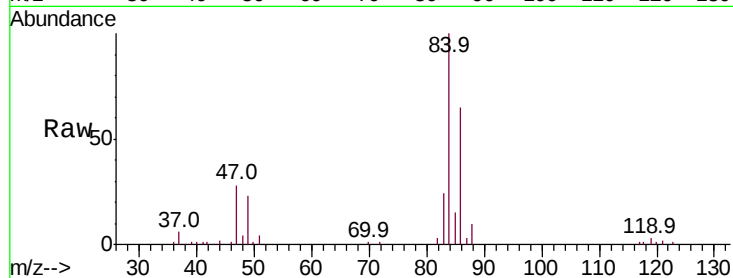




#25
Chloroform
Concen: 3.866 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VV016108.D
Acq: 18 May 2020 17:45

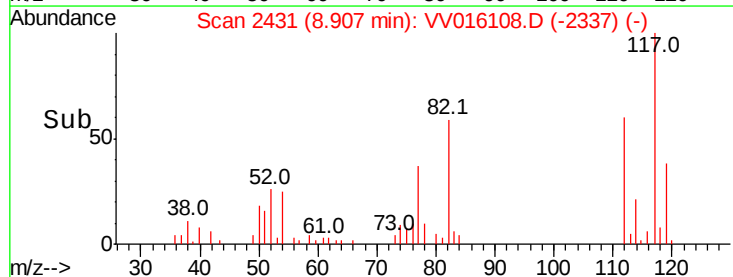
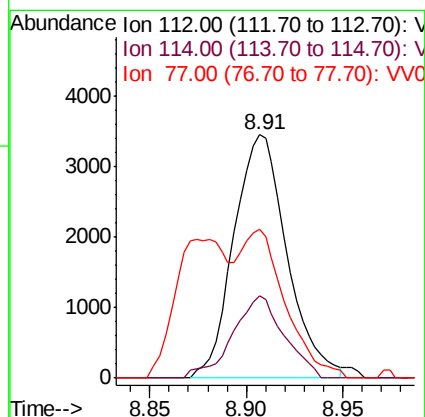
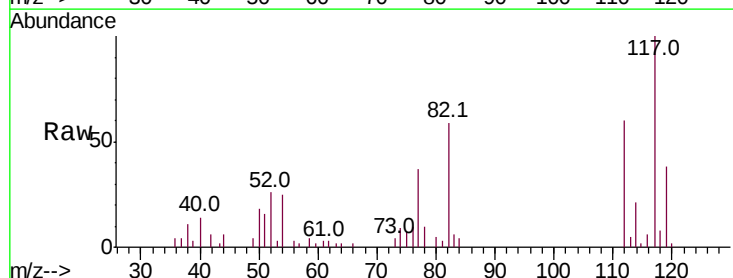
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MSVOA_V
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VIBLK61

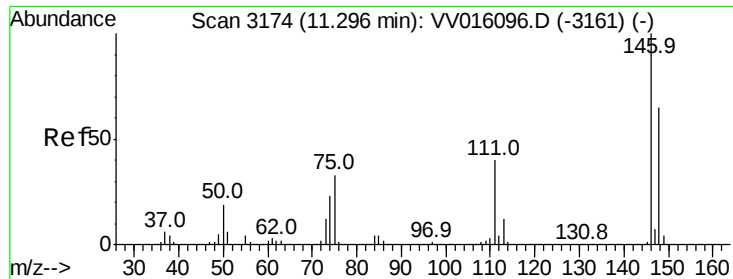
Tot Ion: 83 Resp: 17049
Ion Ratio Lower Upper
83 100
85 64.9 45.1 83.9



#51
Chlorobenzene
Concen: 1.064 ug/L
RT: 8.91 min Scan# 2431
Delta R.T. 0.00 min
Lab File: VV016108.D
Acq: 18 May 2020 17:45

Tgt Ion: 112 Resp: 6605
Ion Ratio Lower Upper
112 100
114 34.0 22.5 41.9
77 61.2 50.4 75.6





#63

1,4-Dichlorobenzene

Concen: 2.248 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. -0.00 min

Lab File: VV016108.D

Acq: 18 May 2020 17:45

Instrument :

MSVOA_V

ClientSampleId :

VIBLK61

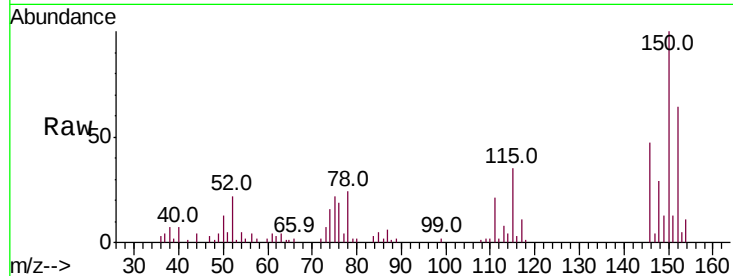
Tot Ion:146 Resp: 10387

Ion Ratio Lower Upper

146 100

111 44.4 28.1 52.3

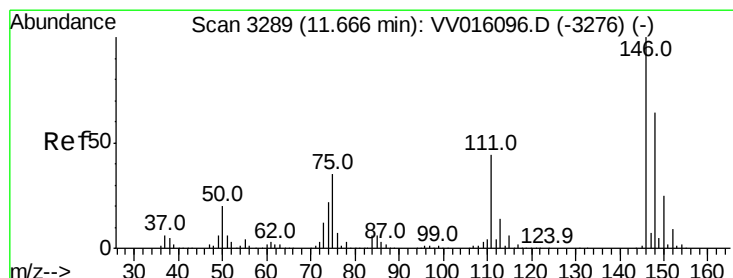
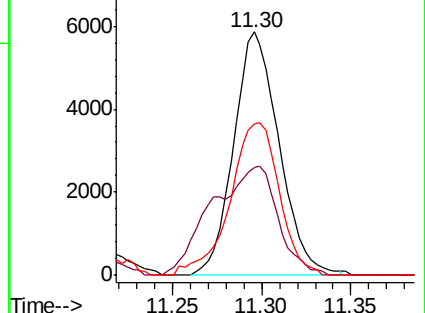
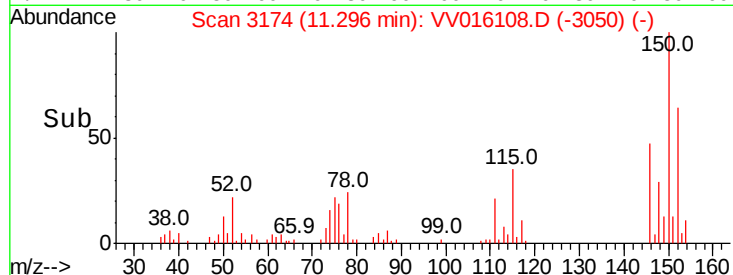
148 62.3 45.7 84.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,2-Dichlorobenzene

Concen: 2.029 ug/L

RT: 11.67 min Scan# 3290

Delta R.T. 0.00 min

Lab File: VV016108.D

Acq: 18 May 2020 17:45

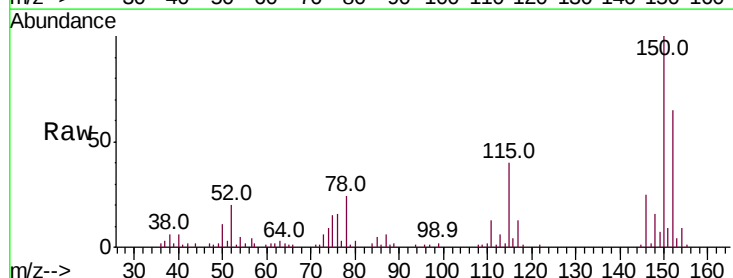
Tgt Ion:146 Resp: 9256

Ion Ratio Lower Upper

146 100

111 49.7 35.2 52.8

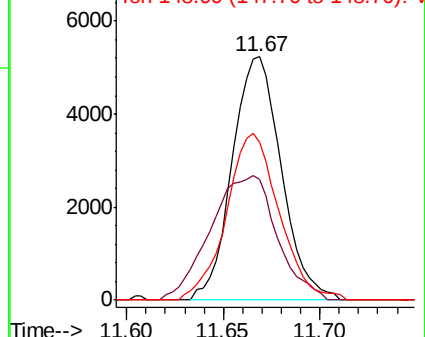
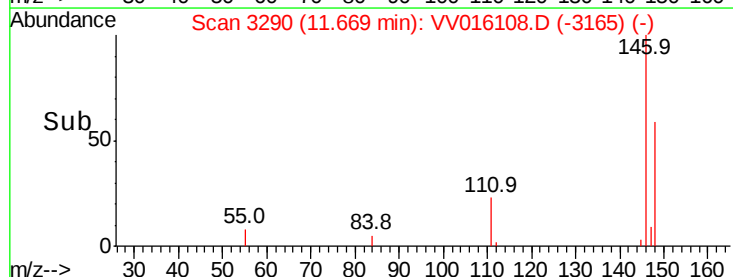
148 64.8 51.4 77.2

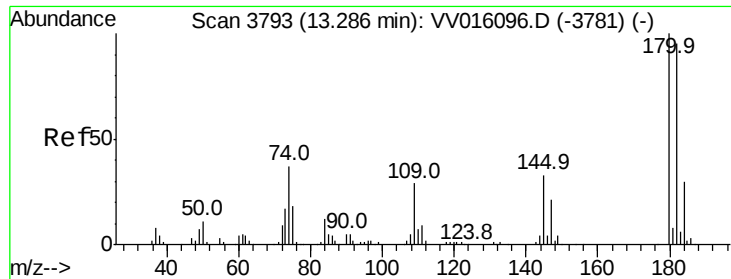


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

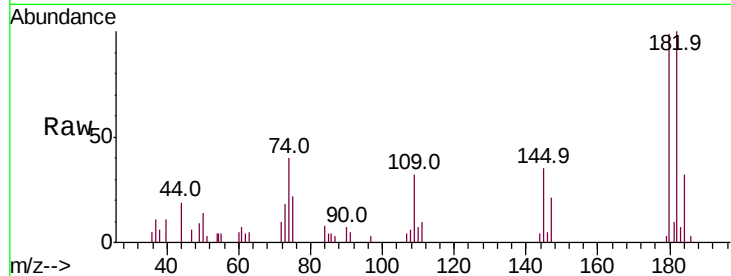




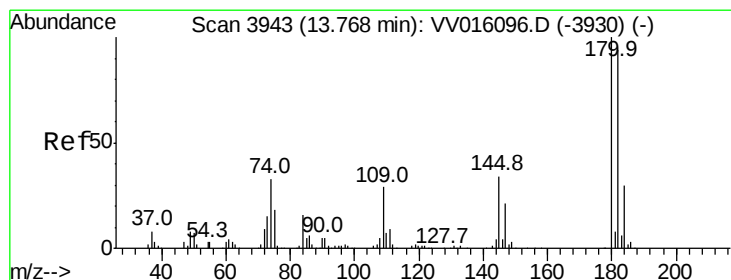
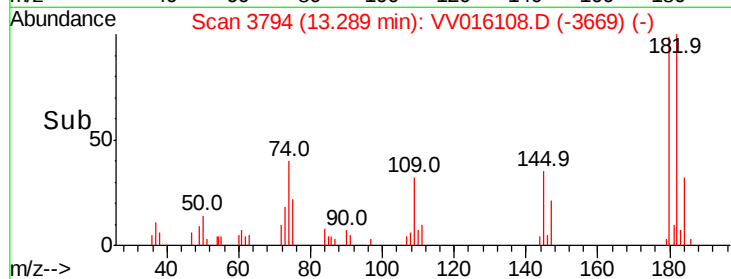
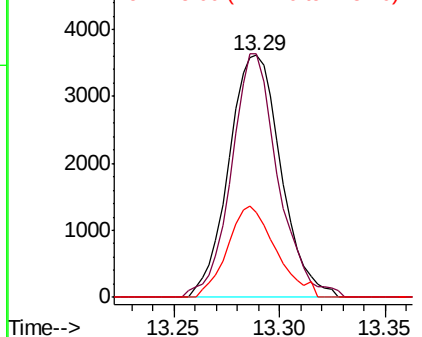
#68
 1,2,4-trichlorobenzene
 Concen: 2.216 ug/L
 RT: 13.29 min Scan# 3794
 Delta R.T. 0.00 min
 Lab File: VV016108.D
 Acq: 18 May 2020 17:45

Instrument :
 MSVOA_V
 ClientSampleID :
 VIBLK61

Tot Ion:180 Resp: 6209
 Ion Ratio Lower Upper
 180 100
 182 89.8 76.2 114.4
 145 34.2 26.2 39.2

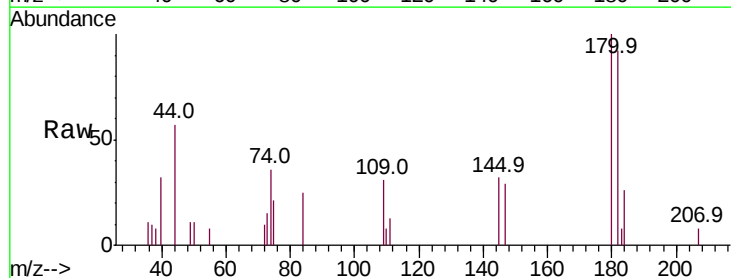


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 0.774 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VV016108.D
 Acq: 18 May 2020 17:45

Tgt Ion:180 Resp: 2196
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.3 112.9
 145 31.5 27.4 41.0



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

