

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051820\
 Data File : VV016100.D
 Acq On : 18 May 2020 14:42
 Operator : SY/MD
 Sample : L2655-03 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0F21

Quant Time: May 19 05:27:01 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	337377	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	326721	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	152834	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	112367	46.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.36%
7) Chloroethane-d5	1.58	69	100554	46.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.18%
11) 1,1-Dichloroethene-d2	2.13	63	165550	35.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.98%
21) 2-Butanone-d5	3.94	46	147167	100.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.29%
24) Chloroform-d	4.38	84	203905	43.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.56%
26) 1,2-Dichloroethane-d4	5.06	65	156929	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.02%
32) Benzene-d6	5.08	84	434726	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.04%
36) 1,2-Dichloropropane-d6	6.10	67	140049	49.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.82%
41) Toluene-d8	7.34	98	400634	47.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.84%
43) trans-1,3-Dichloropropene-	7.64	79	65549	46.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.24%
47) 2-Hexanone-d5	8.12	63	96751	104.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.85%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	170114	47.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	150943	49.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.88%

Target Compounds

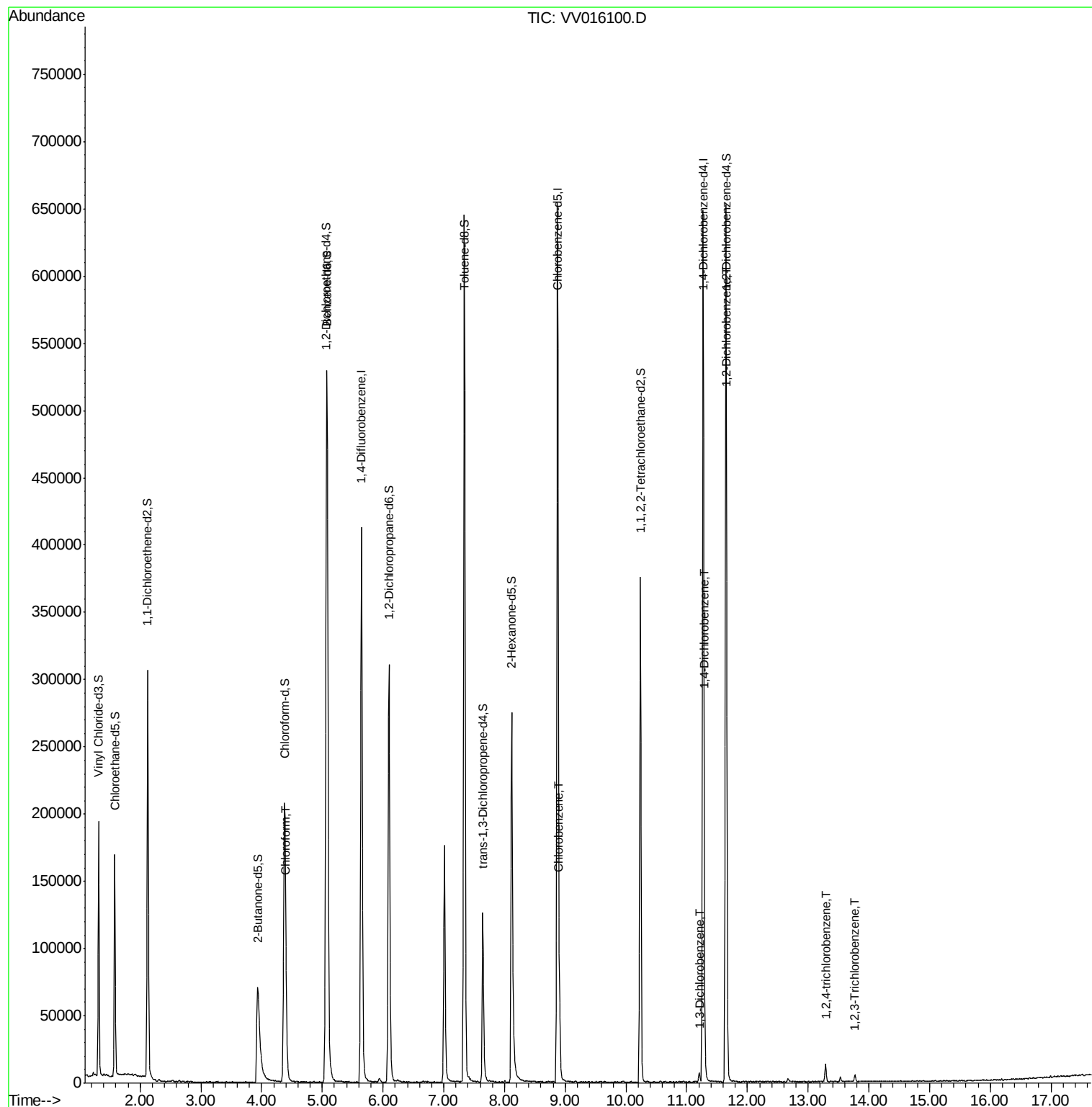
					Ovalue
25) Chloroform	4.41	83	18422	3.919 ug/L	93
51) Chlorobenzene	8.91	112	26572	4.076 ug/L	99
62) 1,3-Dichlorobenzene	11.21	146	2617	0.551 ug/L	96
63) 1,4-Dichlorobenzene	11.30	146	15542	3.202 ug/L	95
65) 1,2-Dichlorobenzene	11.67	146	19151	3.997 ug/L	97
68) 1,2,4-trichlorobenzene	13.29	180	3580	1.216 ug/L	96
70) 1,2,3-Trichlorobenzene	13.77	180	1579	0.529 ug/L	98

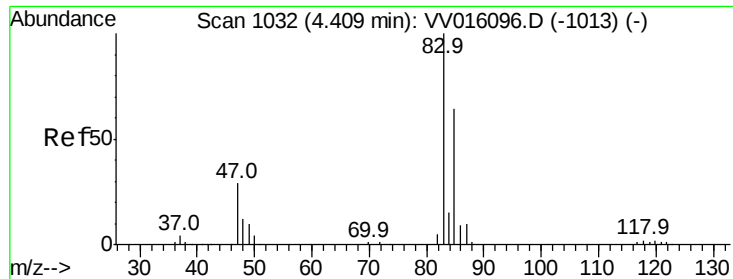
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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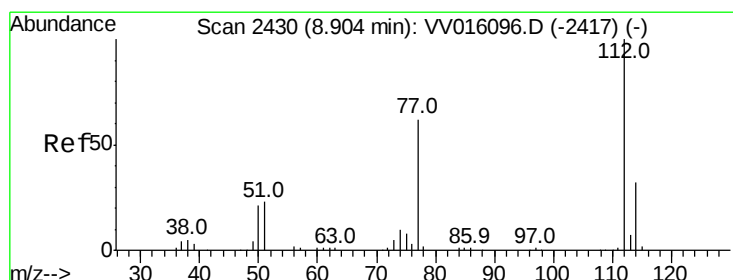
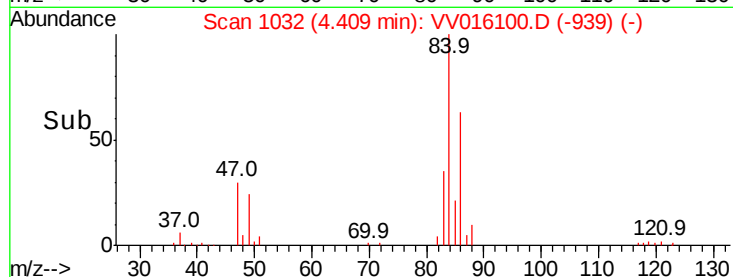
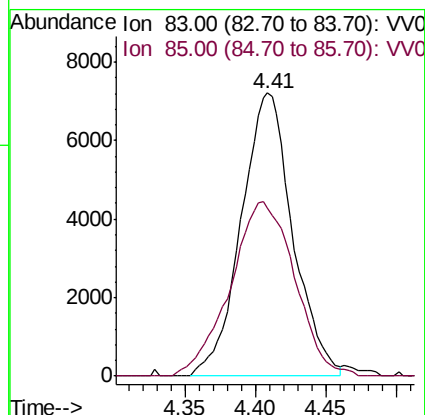
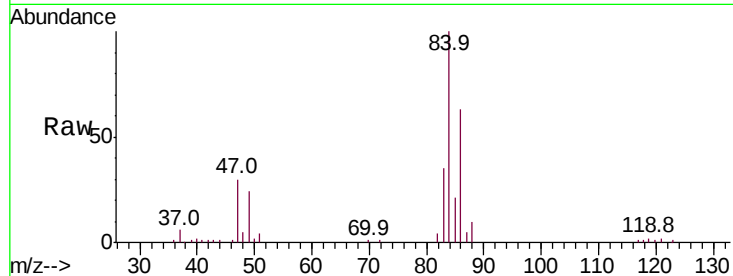




#25
Chloroform
Concen: 3.919 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. -0.00 min
Lab File: VV016100.D
Acq: 18 May 2020 14:42

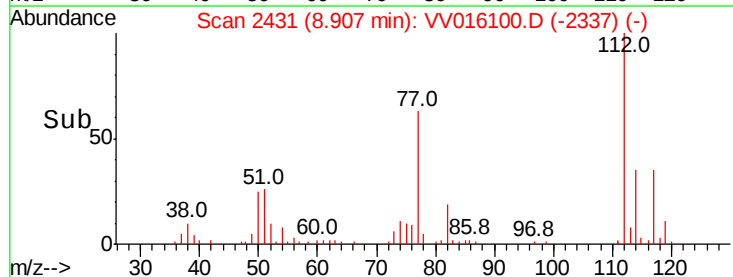
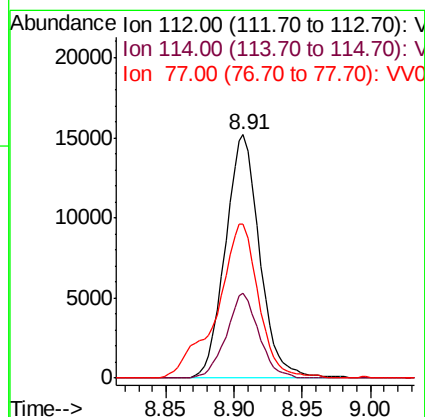
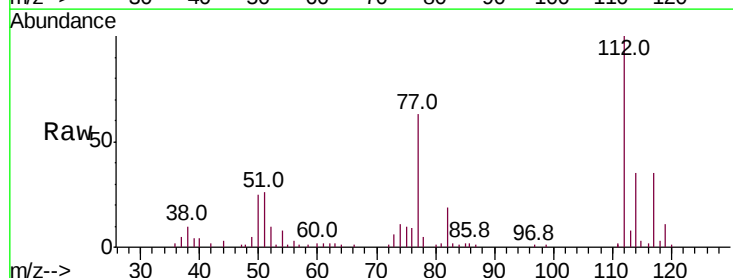
Instrument :
MSVOA_V
ClientSampled :
C0F21

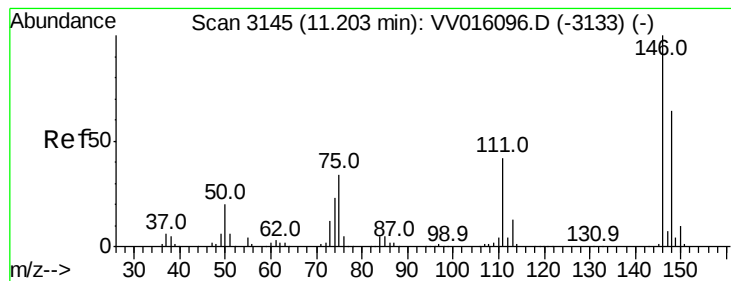
Tot Ion: 83 Resp: 18422
Ion Ratio Lower Upper
83 100
85 59.2 45.1 83.9



#51
Chlorobenzene
Concen: 4.076 ug/L
RT: 8.91 min Scan# 2431
Delta R.T. 0.00 min
Lab File: VV016100.D
Acq: 18 May 2020 14:42

Tgt Ion: 112 Resp: 26572
Ion Ratio Lower Upper
112 100
114 34.6 22.5 41.9
77 63.0 50.4 75.6





#62

1,3-Dichlorobenzene

Concen: 0.551 ug/L

RT: 11.21 min Scan# 3147

Delta R.T. 0.01 min

Lab File: VV016100.D

Acq: 18 May 2020 14:42

Instrument :

MSVOA_V

ClientSampled :

C0F21

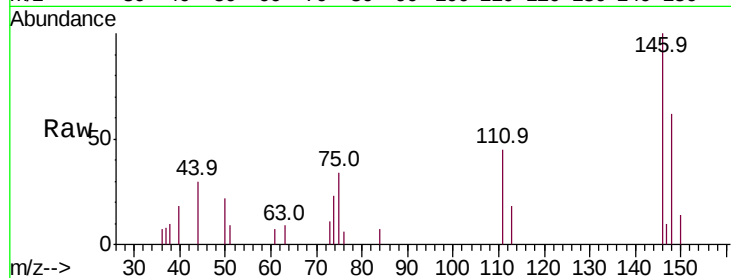
Tot Ion:146 Resp: 2617

Ion Ratio Lower Upper

146 100

111 45.1 29.1 54.1

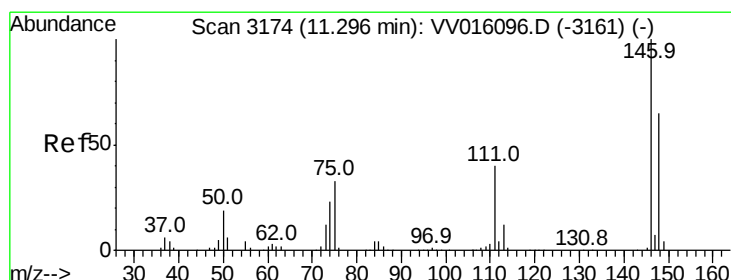
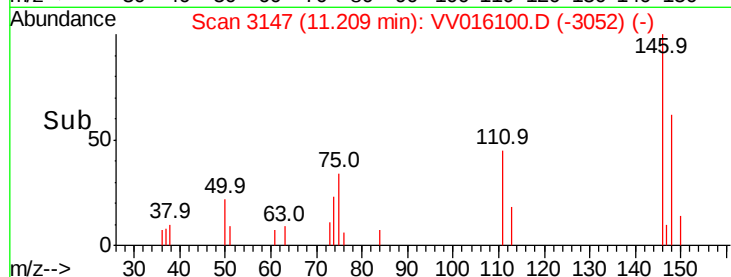
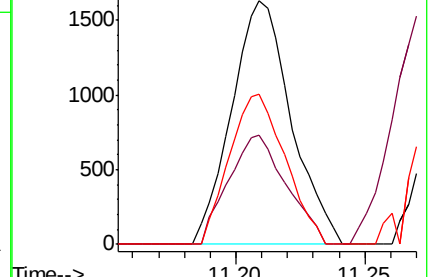
148 61.5 44.5 82.7



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



#63

1,4-Dichlorobenzene

Concen: 3.202 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. -0.00 min

Lab File: VV016100.D

Acq: 18 May 2020 14:42

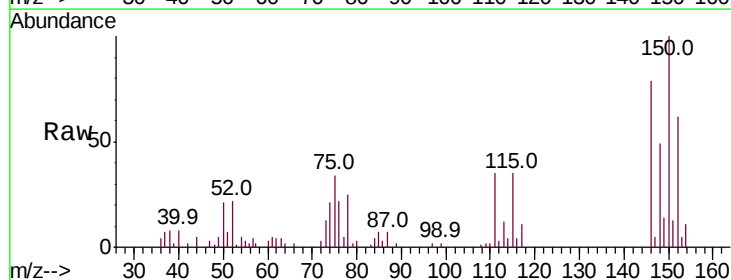
Tgt Ion:146 Resp: 15542

Ion Ratio Lower Upper

146 100

111 44.0 28.1 52.3

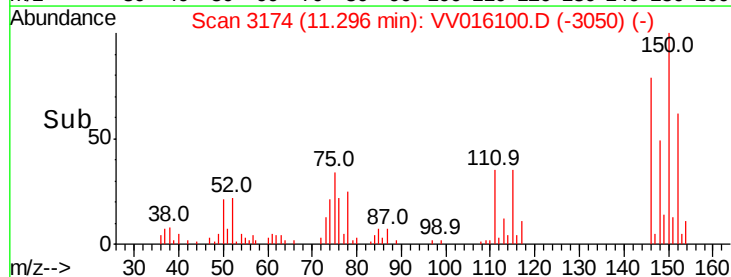
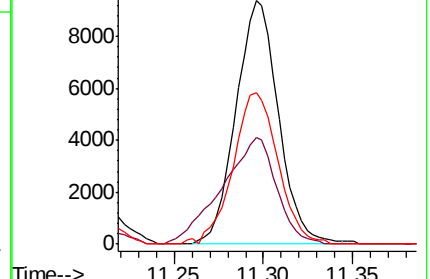
148 62.2 45.7 84.9

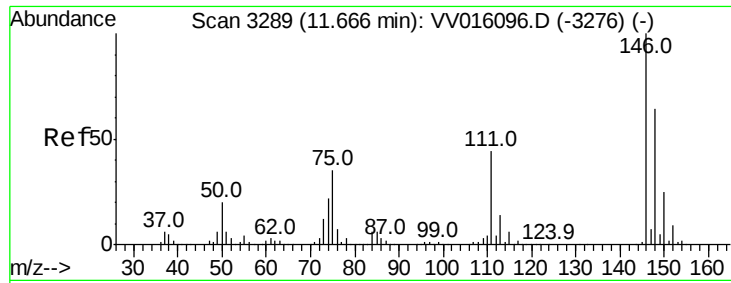


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 3.997 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. -0.00 min

Lab File: VV016100.D

Acq: 18 May 2020 14:42

Instrument :

MSVOA_V

ClientSampleId :

C0F21

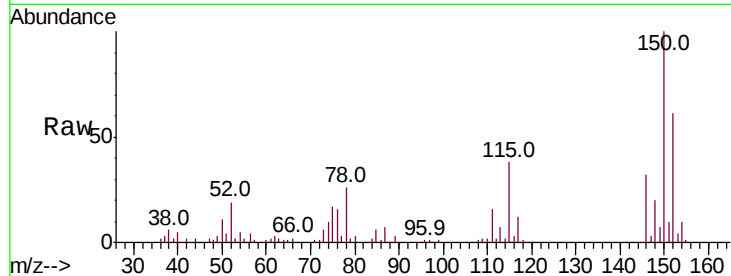
Tot Ion:146 Resp: 19151

Ion Ratio Lower Upper

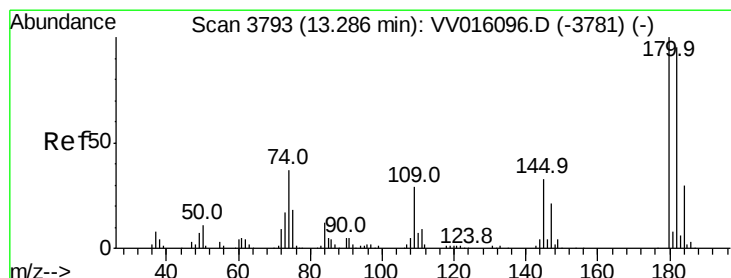
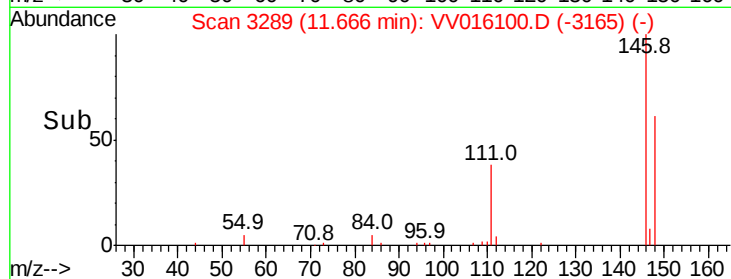
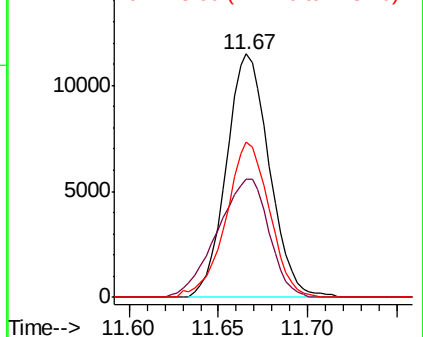
146 100

111 48.4 35.2 52.8

148 63.6 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: 1.216 ug/L

RT: 13.29 min Scan# 3794

Delta R.T. 0.00 min

Lab File: VV016100.D

Acq: 18 May 2020 14:42

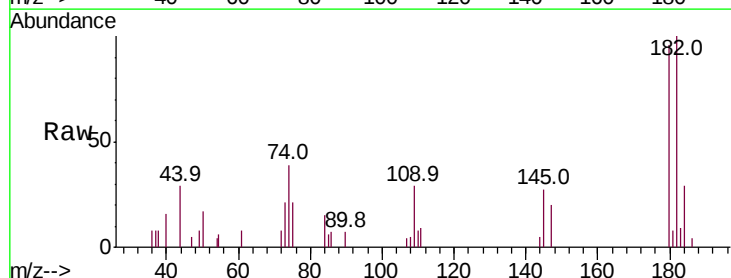
Tgt Ion:180 Resp: 3580

Ion Ratio Lower Upper

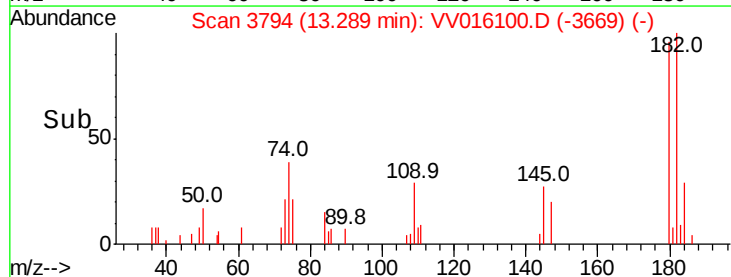
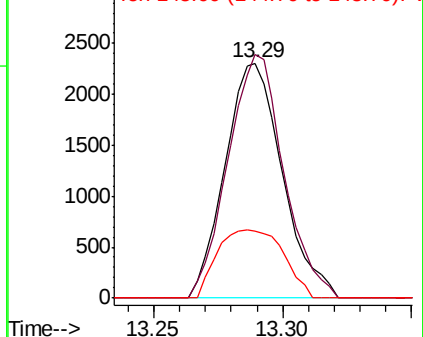
180 100

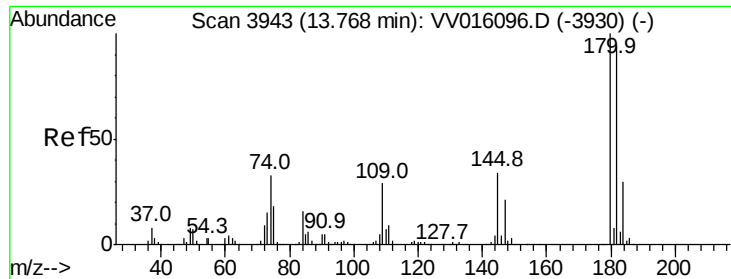
182 100.6 76.2 114.4

145 33.3 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: 0.529 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VV016100.D
 Acq: 18 May 2020 14:42

Instrument :
 MSVOA_V
 ClientSampleId :
 C0F21

Tot Ion:180 Resp: 1579
 Ion Ratio Lower Upper
 180 100
 182 95.8 75.3 112.9
 145 33.8 27.4 41.0

