

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102220\
 Data File : VV019076.D
 Acq On : 22 Oct 2020 18:36
 Operator : SY/MD
 Sample : L4483-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FH2

Quant Time: Oct 23 07:23:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 13:54:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	315464	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	305357	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	142582	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	133379	46.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.08%
7) Chloroethane-d5	1.58	69	106971	46.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.74%
11) 1,1-Dichloroethene-d2	2.12	63	190360	35.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.94%
21) 2-Butanone-d5	3.92	46	173807	90.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.18%
24) Chloroform-d	4.38	84	219586	43.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.62%
26) 1,2-Dichloroethane-d4	5.06	65	154101	45.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.46%
32) Benzene-d6	5.08	84	444008	47.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.08%
36) 1,2-Dichloropropane-d6	6.09	67	146098	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.56%
41) Toluene-d8	7.34	98	390220	46.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.44%
43) trans-1,3-Dichloropropene-	7.64	79	69726	44.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.94%
47) 2-Hexanone-d5	8.11	63	118857	90.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.35%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	178273	44.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	147718	49.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.78%

Target Compounds

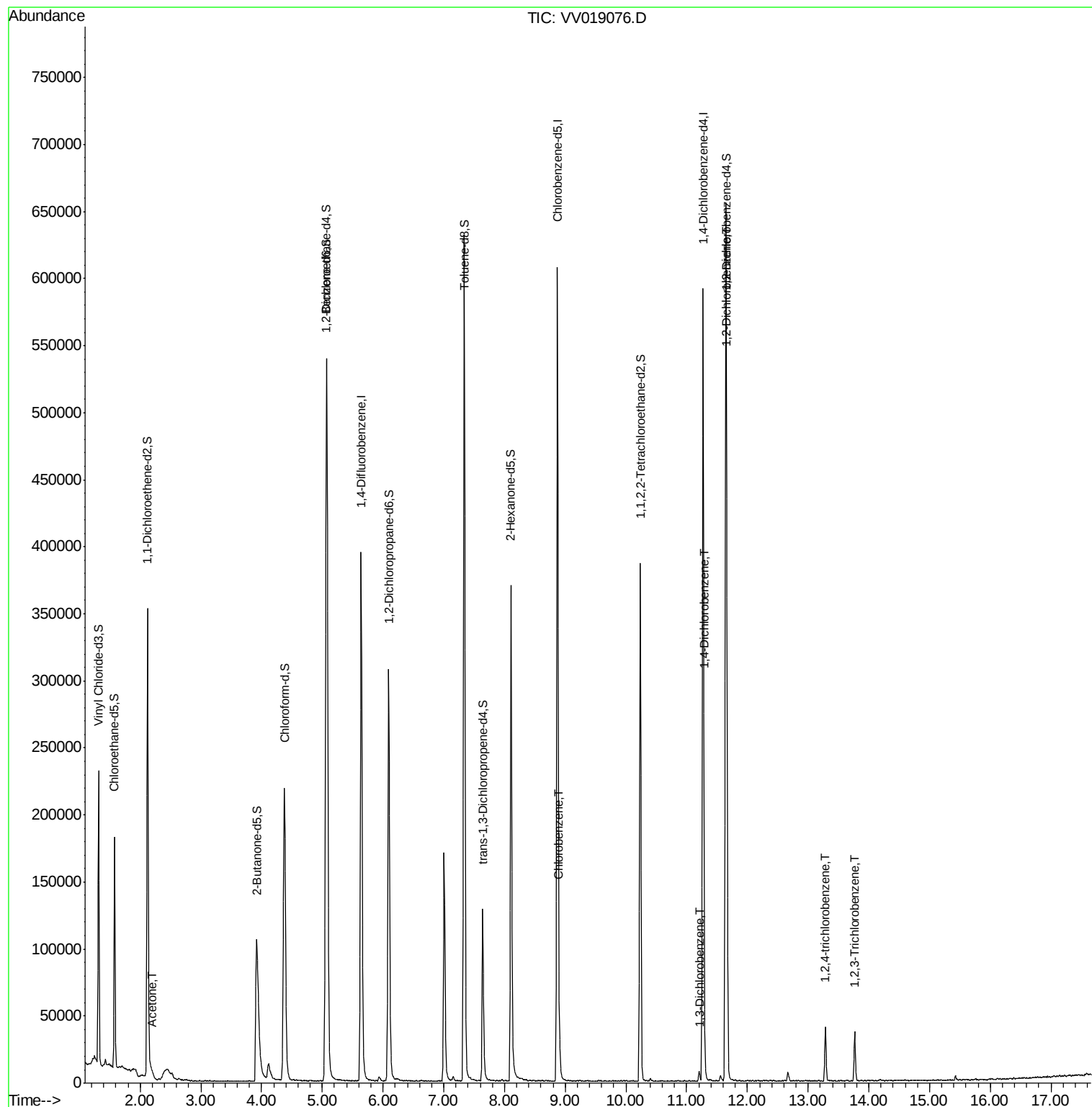
					Ovalue
13) Acetone	2.21	43	6792	5.199	ug/L 85
51) Chlorobenzene	8.90	112	12262	1.993	ug/L 93
62) 1,3-Dichlorobenzene	11.21	146	3142	0.734	ug/L 86
63) 1,4-Dichlorobenzene	11.29	146	7317	1.637	ug/L 96
65) 1,2-Dichlorobenzene	11.67	146	77919	18.061	ug/L 99
68) 1,2,4-trichlorobenzene	13.29	180	11434	4.150	ug/L 96
70) 1,2,3-Trichlorobenzene	13.77	180	10551	3.780	ug/L 95

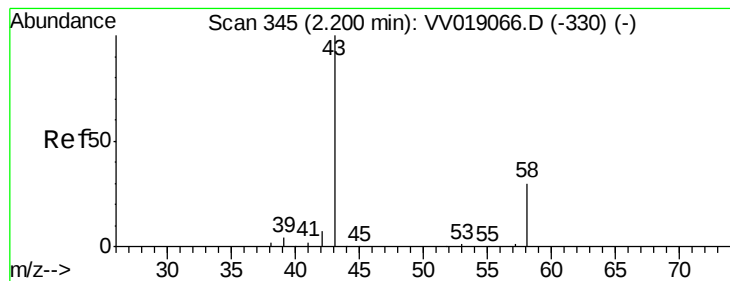
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 22 13:54:49 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.199 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.01 min

Lab File: VV019076.D

Acq: 22 Oct 2020 18:36

Instrument :

MSVOA_V

ClientSampleId :

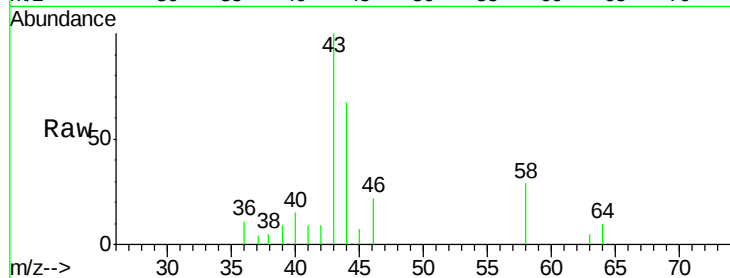
C0FH2

Tot Ion: 43 Resp: 6792

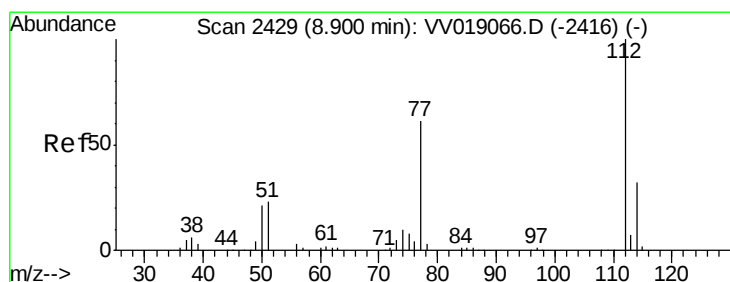
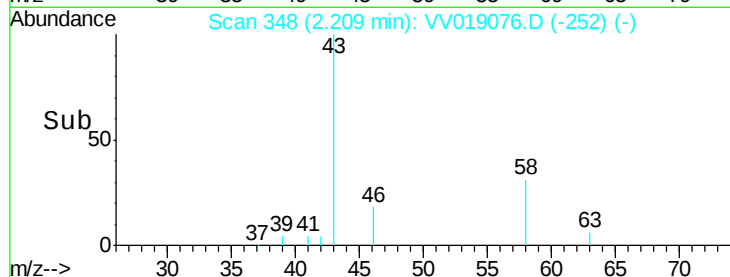
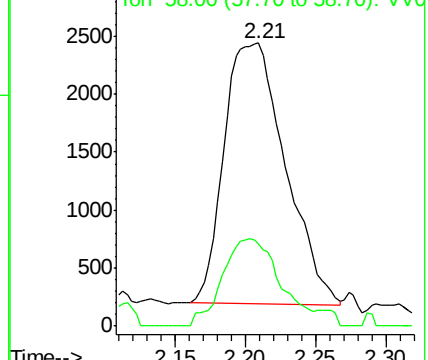
Ion Ratio Lower Upper

43 100

58 22.1 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VV019076.D (-252) (-)



#51

Chlorobenzene

Concen: 1.993 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV019076.D

Acq: 22 Oct 2020 18:36

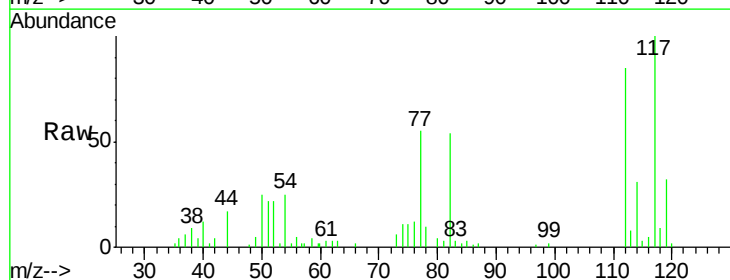
Tgt Ion: 112 Resp: 12262

Ion Ratio Lower Upper

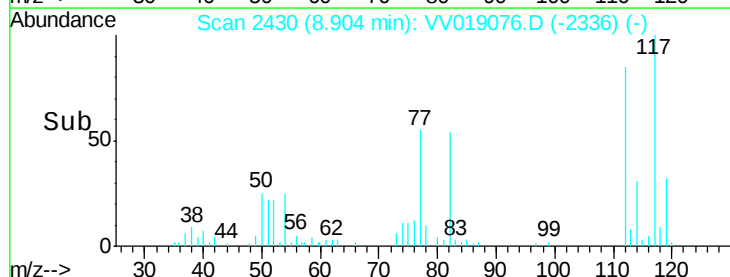
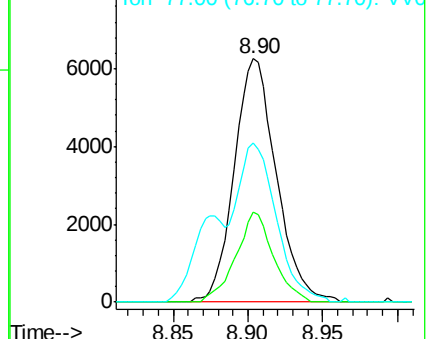
112 100

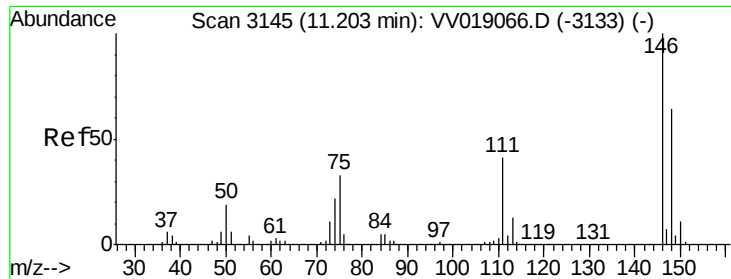
114 37.1 22.2 41.2

77 65.3 49.1 73.7



Abundance Ion 112.00 (111.70 to 112.70): VV019076.D (-2336) (-)

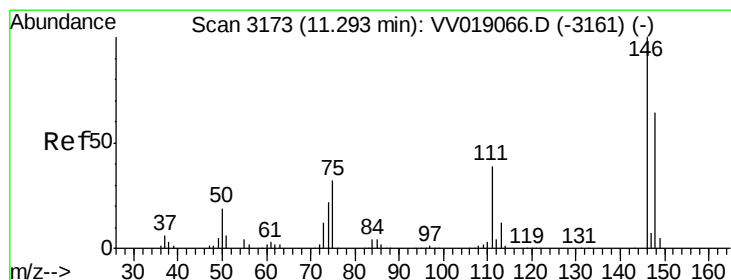
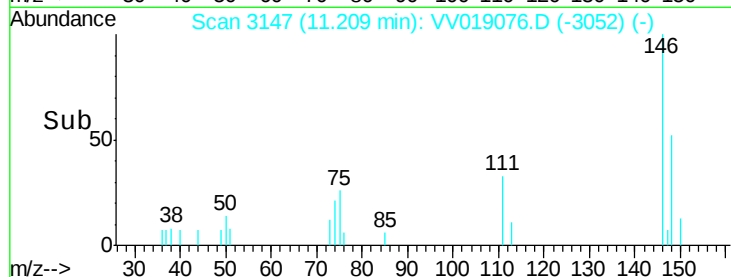
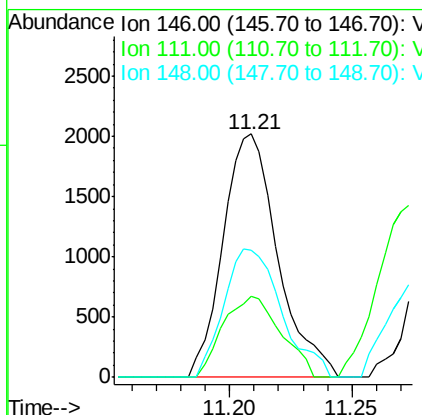
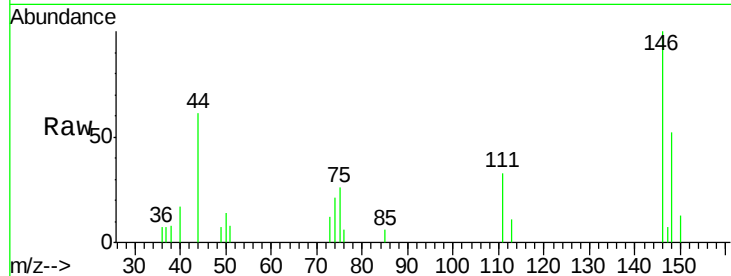




#62
 1,3-Dichlorobenzene
 Concen: 0.734 ug/L
 RT: 11.21 min Scan# 3147
 Delta R.T. 0.01 min
 Lab File: VV019076.D
 Acq: 22 Oct 2020 18:36

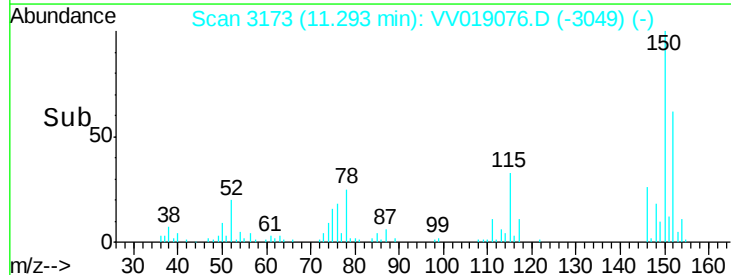
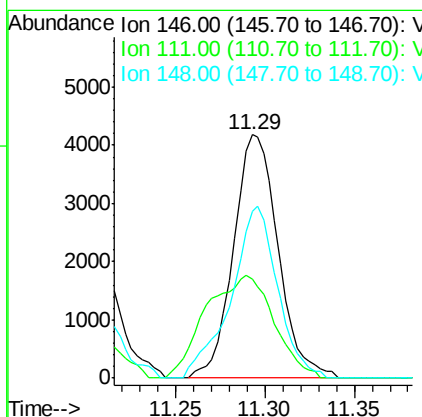
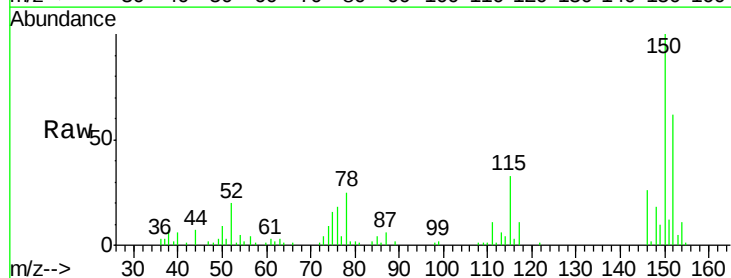
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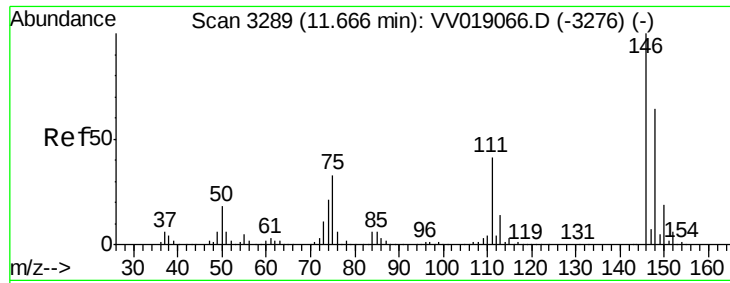
Tot Ion:146 Resp: 3142
 Ion Ratio Lower Upper
 146 100
 111 33.4 28.8 53.4
 148 52.4 44.5 82.7



#63
 1,4-Dichlorobenzene
 Concen: 1.637 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. -0.00 min
 Lab File: VV019076.D
 Acq: 22 Oct 2020 18:36

Tgt Ion:146 Resp: 7317
 Ion Ratio Lower Upper
 146 100
 111 40.6 27.8 51.6
 148 68.7 45.1 83.9

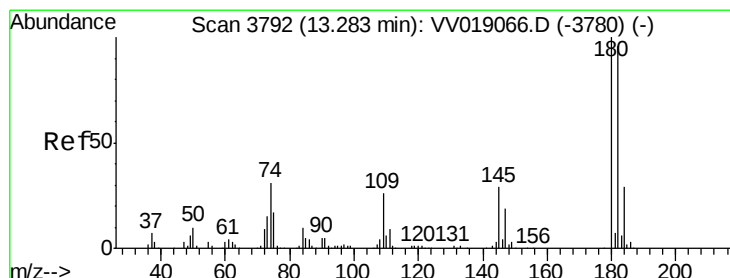
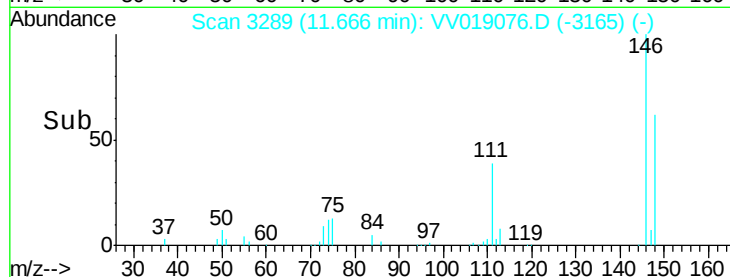
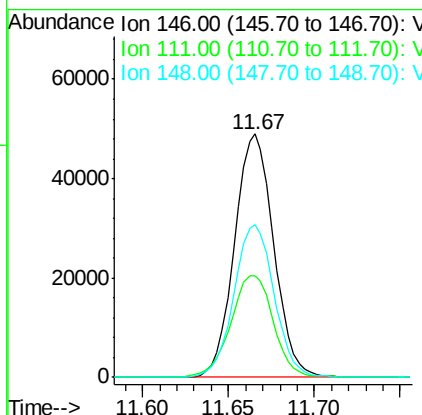
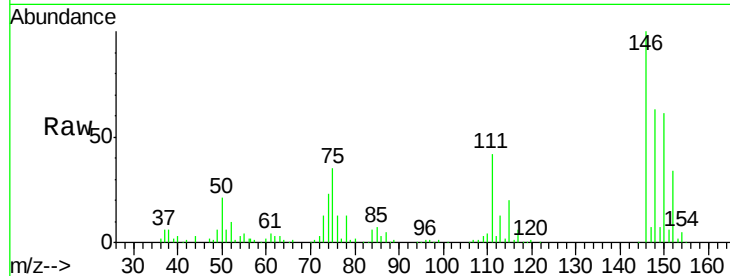




#65
 1,2-Dichlorobenzene
 Concen: 18.061 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: VV019076.D
 Acq: 22 Oct 2020 18:36

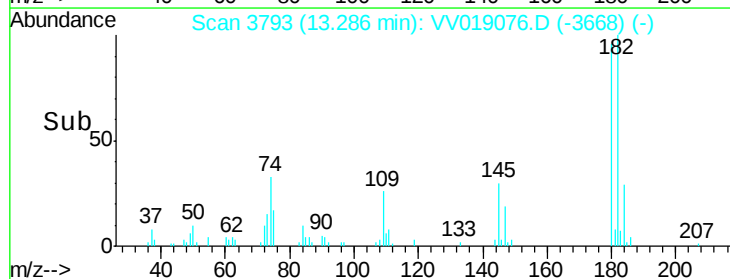
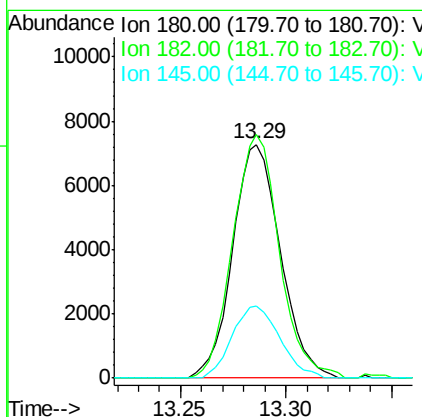
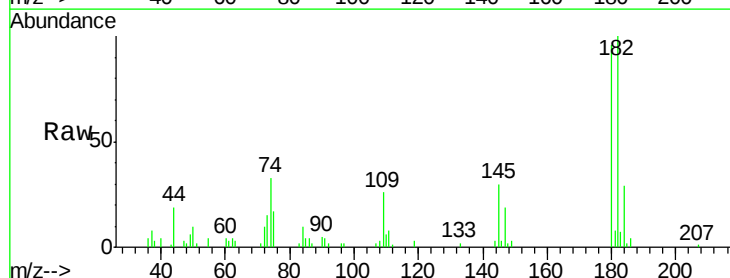
Instrument :
 MSVOA_V
 ClientSampleId :
 C0FH2

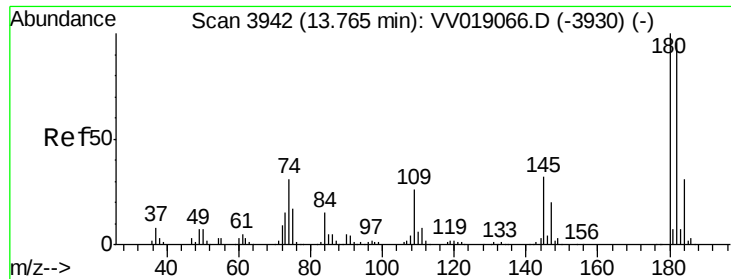
Tot Ion:146 Resp: 77919
 Ion Ratio Lower Upper
 146 100
 111 41.9 33.3 49.9
 148 62.9 51.1 76.7



#68
 1,2,4-trichlorobenzene
 Concen: 4.150 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV019076.D
 Acq: 22 Oct 2020 18:36

Tgt Ion:180 Resp: 11434
 Ion Ratio Lower Upper
 180 100
 182 101.8 77.4 116.2
 145 30.9 23.7 35.5





#70

1,2,3-Trichlorobenzene

Concen: 3.780 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. 0.00 min

Lab File: VV019076.D

Acq: 22 Oct 2020 18:36

Instrument :

MSVOA_V

ClientSampleId :

C0FH2

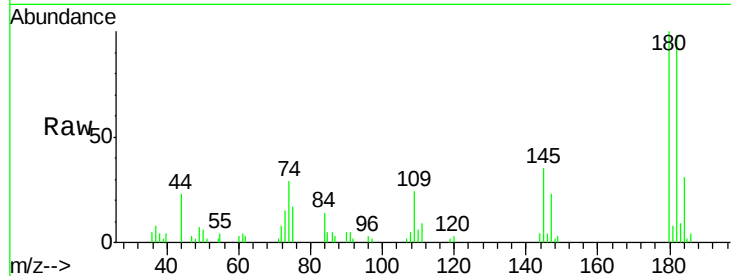
Tot Ion:180 Resp: 10551

Ion Ratio Lower Upper

180 100

182 101.0 76.9 115.3

145 34.1 25.6 38.4



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

