

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102220\
 Data File : VV019081.D
 Acq On : 22 Oct 2020 20:34
 Operator : SY/MD
 Sample : L4483-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FG8

Quant Time: Oct 23 07:48:12 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	310013	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	302566	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	149567	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	123699	43.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.84%
7) Chloroethane-d5	1.58	69	105603	46.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.18%
11) 1,1-Dichloroethene-d2	2.12	63	192606	36.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.04%
21) 2-Butanone-d5	3.91	46	169254	89.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.36%
24) Chloroform-d	4.38	84	215833	43.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.64%
26) 1,2-Dichloroethane-d4	5.06	65	152887	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
32) Benzene-d6	5.07	84	434871	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
36) 1,2-Dichloropropane-d6	6.09	67	139911	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.34%
41) Toluene-d8	7.34	98	390271	47.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.30%
43) trans-1,3-Dichloropropene-	7.64	79	69941	45.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.06%
47) 2-Hexanone-d5	8.11	63	120144	92.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.17%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	176410	44.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.42%
64) 1,2-Dichlorobenzene-d4	11.65	152	154549	49.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.54%

Target Compounds

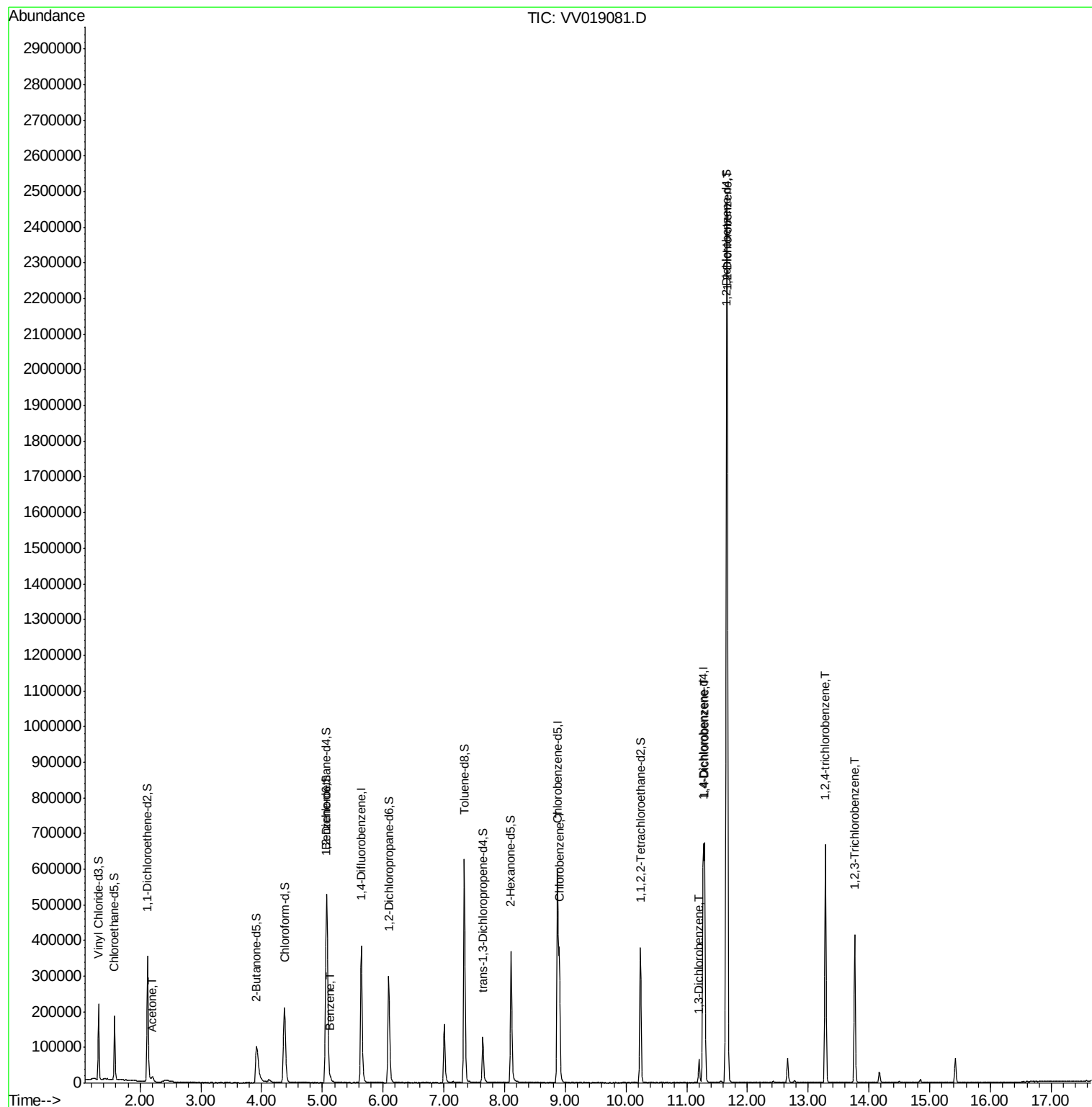
					Ovalue
13) Acetone	2.20	43	24288	18.920	ug/L 100
33) Benzene	5.14	78	9948	1.074	ug/L 100
51) Chlorobenzene	8.90	112	182882	29.992	ug/L 99
62) 1,3-Dichlorobenzene	11.20	146	24957	5.560	ug/L 99
63) 1,4-Dichlorobenzene	11.29	146	230929	49.238	ug/L 99
65) 1,2-Dichlorobenzene	11.67	146	864935	191.125	ug/L 99
68) 1,2,4-trichlorobenzene	13.28	180	191661	66.317	ug/L 99
70) 1,2,3-Trichlorobenzene	13.77	180	119324	40.749	ug/L 99

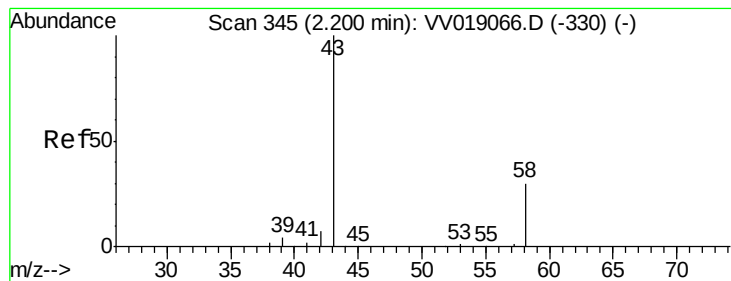
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV102220\
Data File : VV019081.D
Acq On : 22 Oct 2020 20:34
Operator : SY/MD
Sample : L4483-01
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0FG8

Quant Time: Oct 23 07:48:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 22 13:54:49 2020
Response via : Initial Calibration





#13

Acetone

Concen: 18.920 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.00 min

Lab File: VV019081.D

Acq: 22 Oct 2020 20:34

Instrument :

MSVOA_V

ClientSampleId :

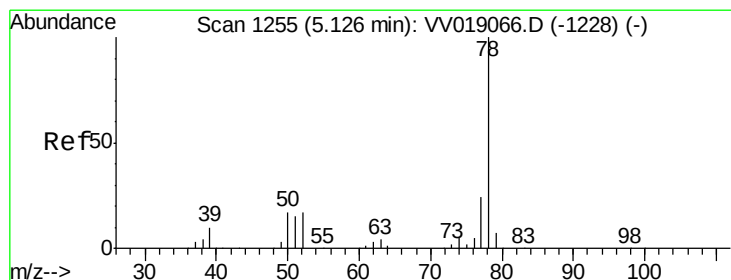
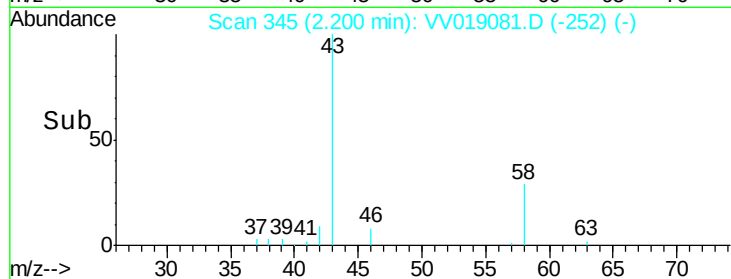
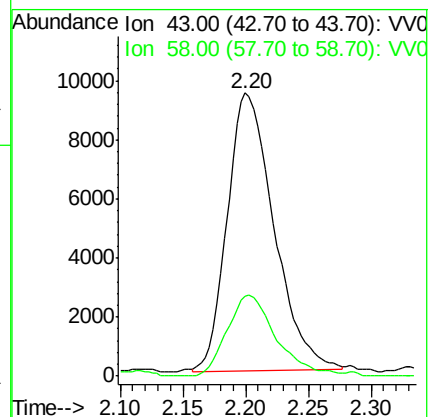
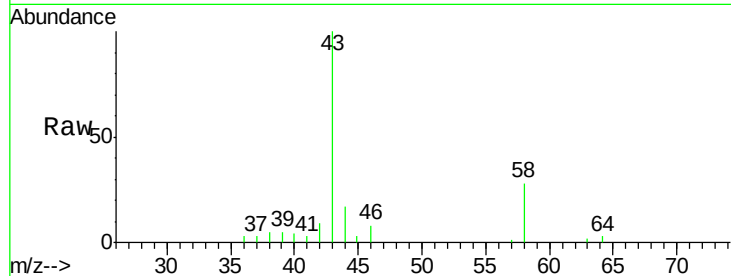
C0FG8

Tot Ion: 43 Resp: 24288

Ion Ratio Lower Upper

43 100

58 30.0 0.0 60.2



#33

Benzene

Concen: 1.074 ug/L

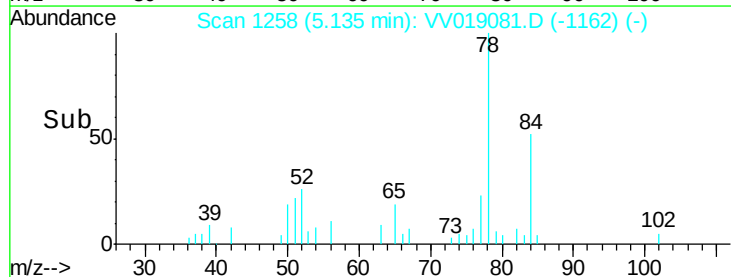
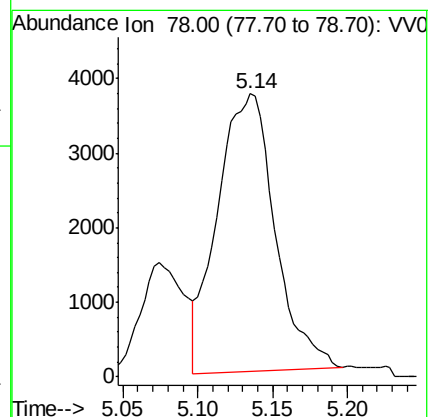
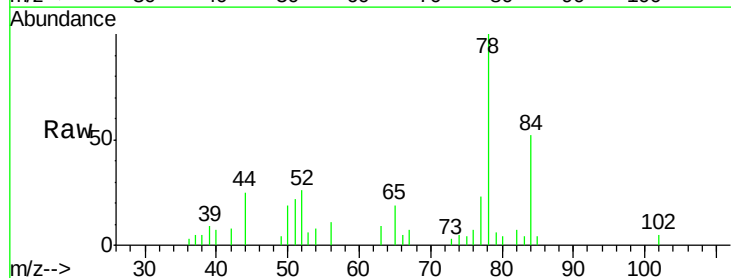
RT: 5.14 min Scan# 1258

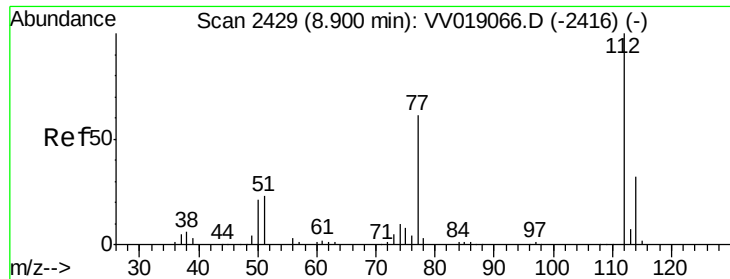
Delta R.T. 0.01 min

Lab File: VV019081.D

Acq: 22 Oct 2020 20:34

Tgt Ion: 78 Resp: 9948





#51

Chlorobenzene

Concen: 29.992 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV019081.D

Acq: 22 Oct 2020 20:34

Instrument :

MSVOA_V

ClientSampleId :

C0FG8

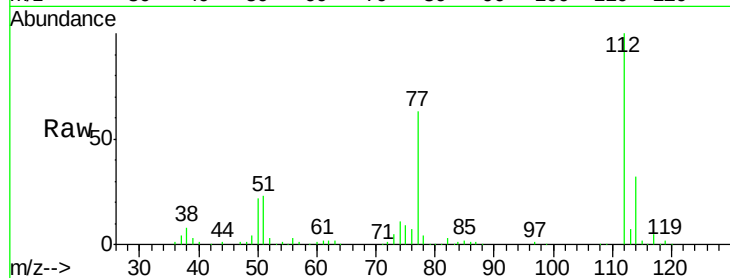
Tot Ion:112 Resp: 182882

Ion Ratio Lower Upper

112 100

114 32.3 22.2 41.2

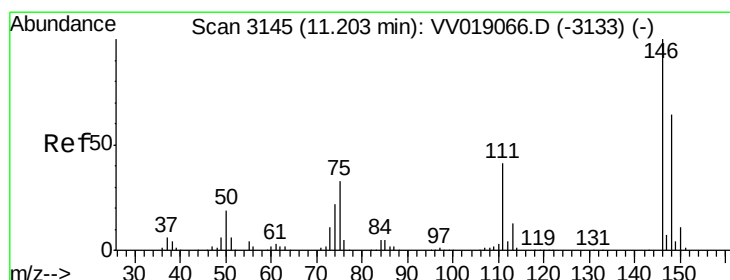
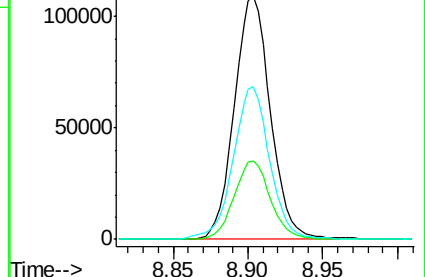
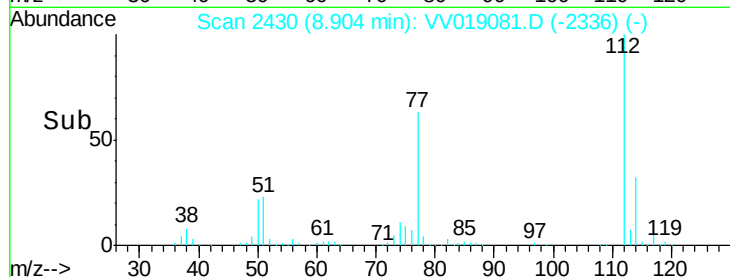
77 62.6 49.1 73.7



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): V



#62

1,3-Dichlorobenzene

Concen: 5.560 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. -0.00 min

Lab File: VV019081.D

Acq: 22 Oct 2020 20:34

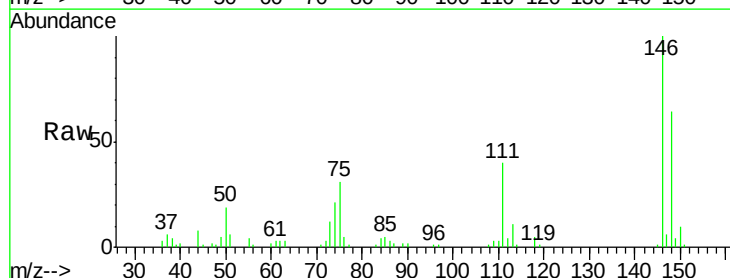
Tgt Ion:146 Resp: 24957

Ion Ratio Lower Upper

146 100

111 39.7 28.8 53.4

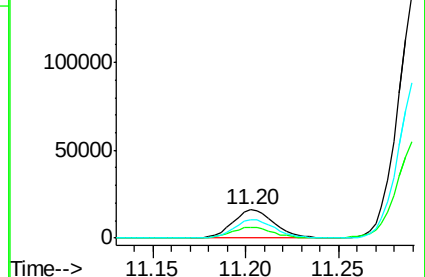
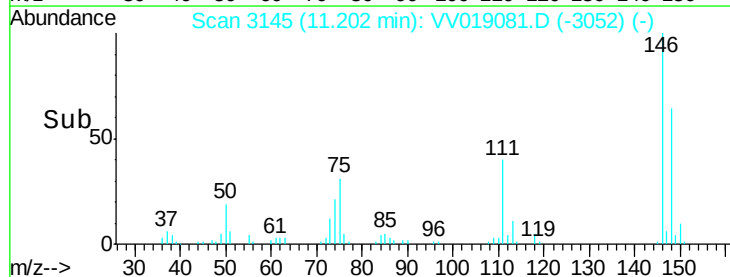
148 64.4 44.5 82.7

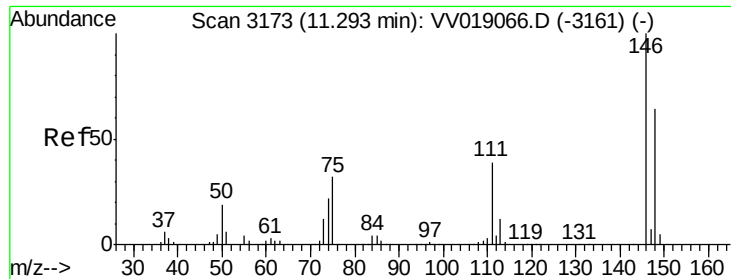


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

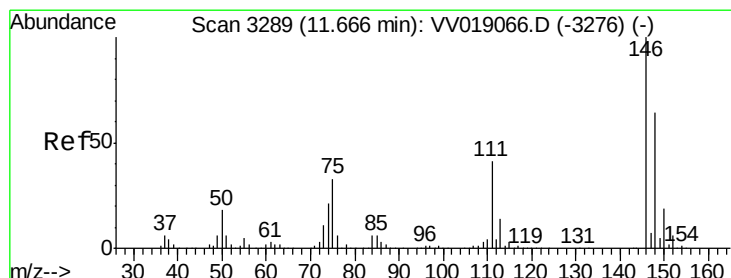
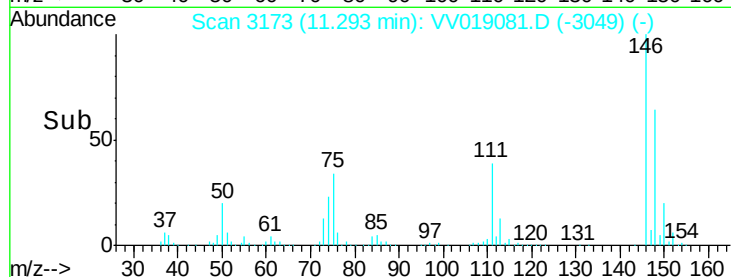
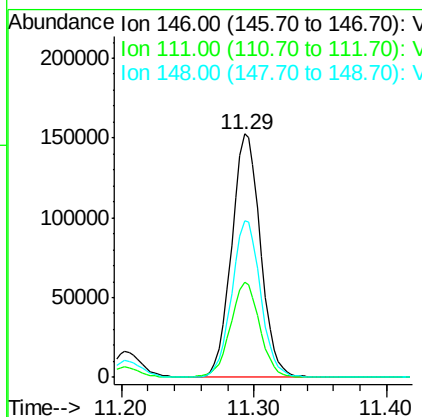
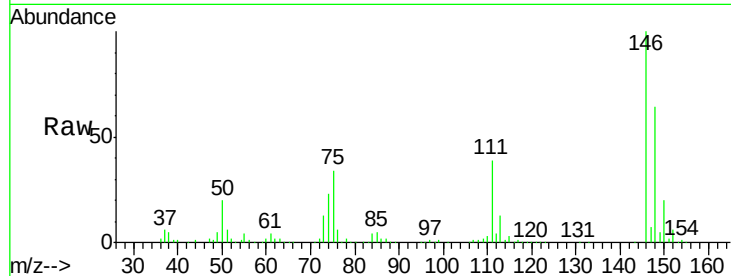




#63
 1,4-Dichlorobenzene
 Concen: 49.238 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. -0.00 min
 Lab File: VV019081.D
 Acq: 22 Oct 2020 20:34

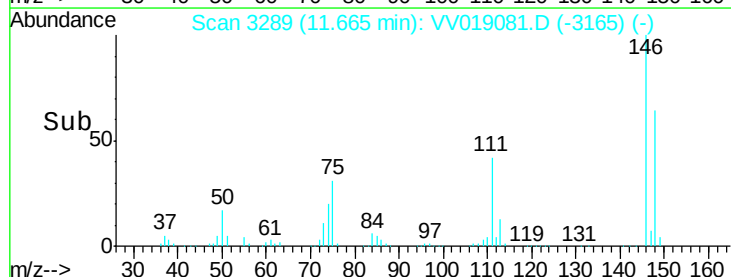
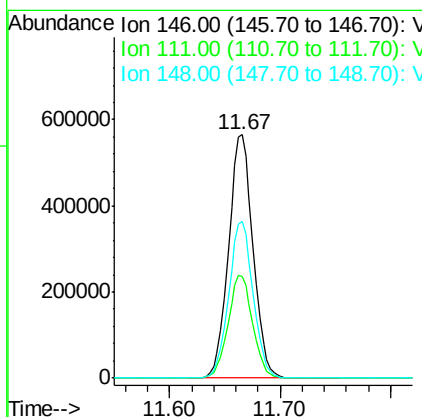
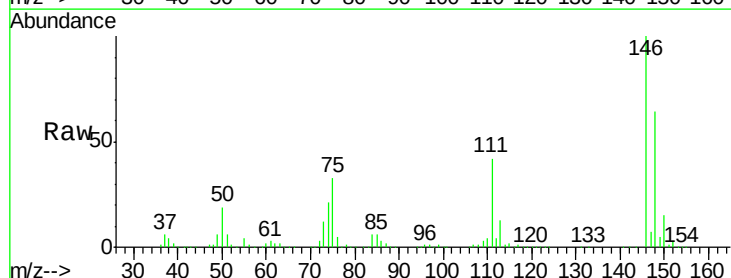
Instrument :
 MSVOA_V
 ClientSampleId :
 C0FG8

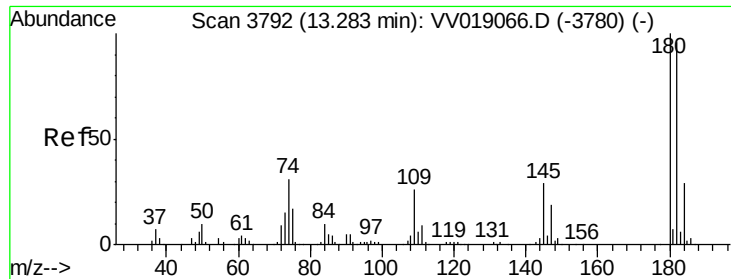
Tot Ion:146 Resp: 230929
 Ion Ratio Lower Upper
 146 100
 111 39.1 27.8 51.6
 148 64.1 45.1 83.9



#65
 1,2-Dichlorobenzene
 Concen: 191.125 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: VV019081.D
 Acq: 22 Oct 2020 20:34

Tgt Ion:146 Resp: 864935
 Ion Ratio Lower Upper
 146 100
 111 41.9 33.3 49.9
 148 64.3 51.1 76.7

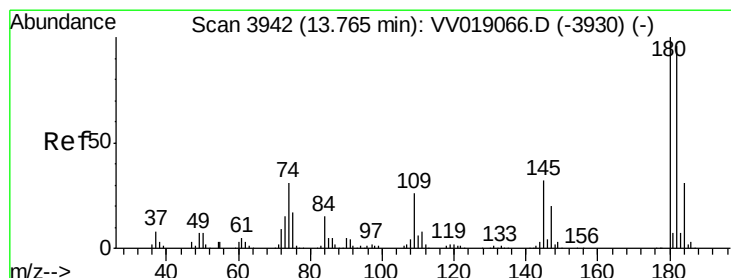
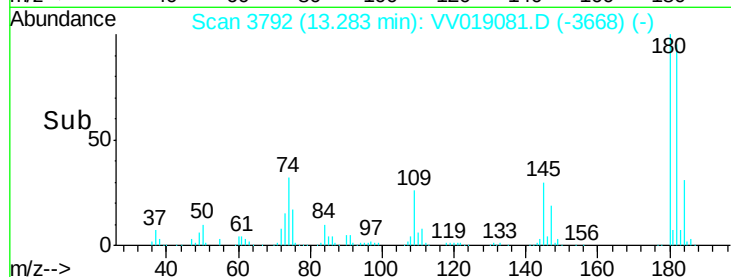
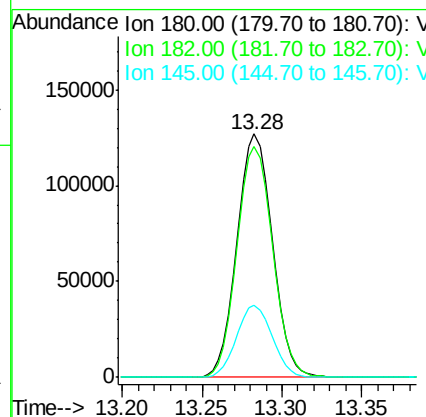
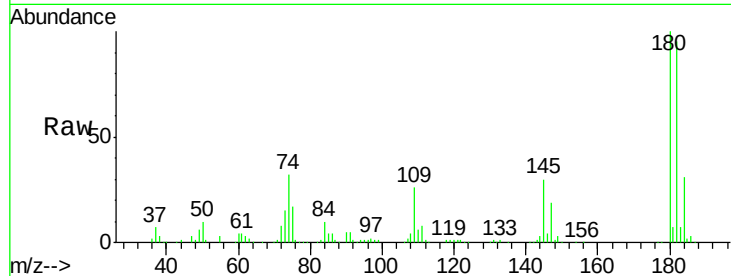




#68
 1,2,4-trichlorobenzene
 Concen: 66.317 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. -0.00 min
 Lab File: VV019081.D
 Acq: 22 Oct 2020 20:34

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FG8

Tot Ion	180	Resp	191661
Ion Ratio	100	Lower	Upper
182	95.3	77.4	116.2
145	29.7	23.7	35.5



#70
 1,2,3-Trichlorobenzene
 Concen: 40.749 ug/L
 RT: 13.77 min Scan# 3942
 Delta R.T. -0.00 min
 Lab File: VV019081.D
 Acq: 22 Oct 2020 20:34

Tgt Ion	180	Resp	119324
Ion Ratio	100	Lower	Upper
182	97.2	76.9	115.3
145	31.9	25.6	38.4

