

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102120\
 Data File : VV019052.D
 Acq On : 21 Oct 2020 16:33
 Operator : SY/MD
 Sample : L4483-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FH0

Quant Time: Oct 22 20:46:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 06:00:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	292064	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	309828	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	141195	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	128410	53.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.82%
7) Chloroethane-d5	1.58	69	106540	55.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.86%
11) 1,1-Dichloroethene-d2	2.12	63	194817	42.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.86%
21) 2-Butanone-d5	3.91	46	176614	105.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.39%
24) Chloroform-d	4.38	84	237562	55.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.00%
26) 1,2-Dichloroethane-d4	5.06	65	166639	58.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.24%
32) Benzene-d6	5.07	84	468672	51.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.64%
36) 1,2-Dichloropropane-d6	6.09	67	143892	49.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.52%
41) Toluene-d8	7.34	98	426744	52.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.18%
43) trans-1,3-Dichloropropene-	7.64	79	74544	52.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.48%
47) 2-Hexanone-d5	8.11	63	100997	94.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.01%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	161397	47.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.24%
64) 1,2-Dichlorobenzene-d4	11.65	152	166818	58.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.14%

Target Compounds

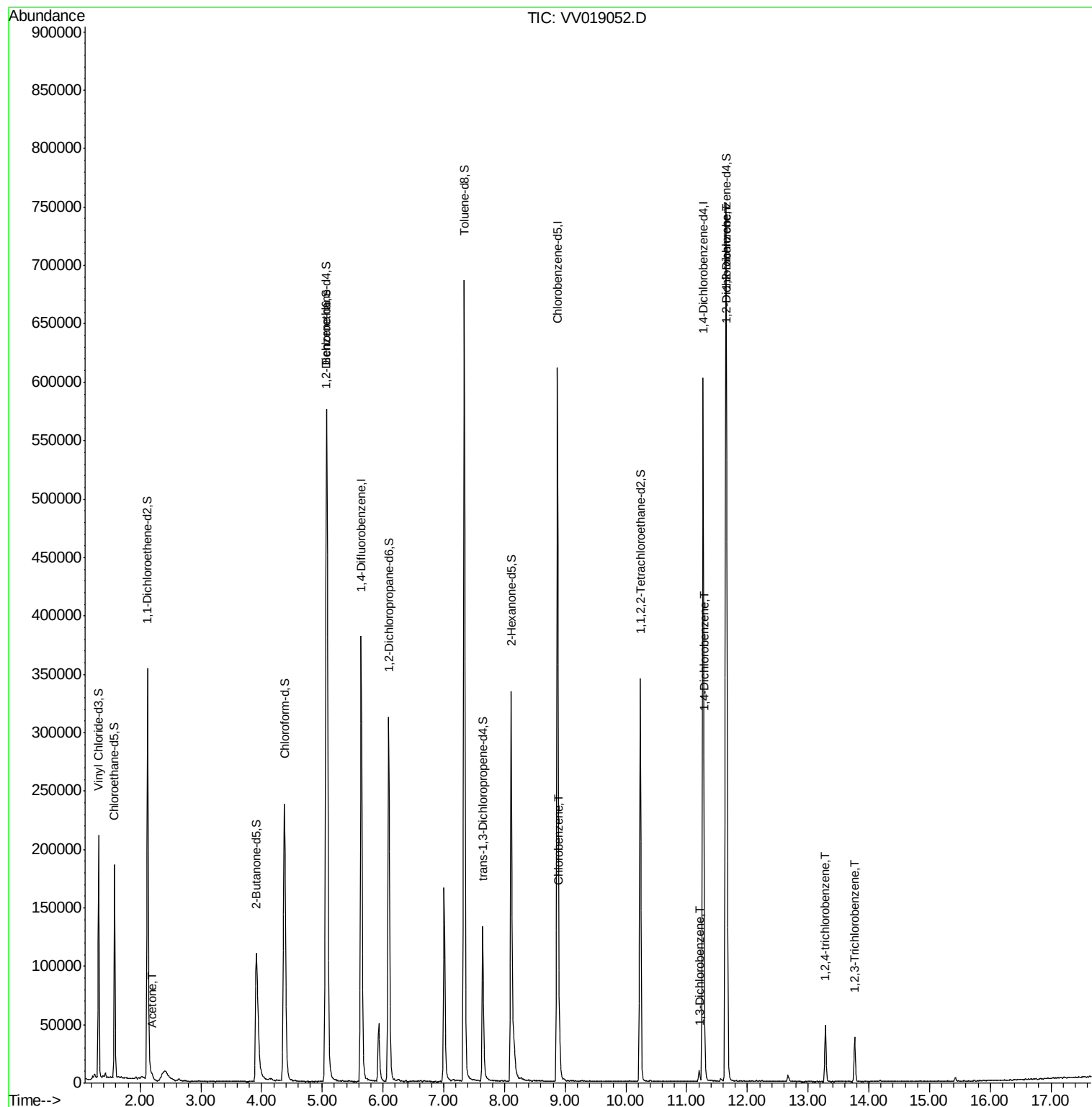
					Ovalue
13) Acetone	2.20	43	6790	5.545	ug/L 91
51) Chlorobenzene	8.90	112	18340	2.868	ug/L 96
62) 1,3-Dichlorobenzene	11.21	146	3560	0.813	ug/L 85
63) 1,4-Dichlorobenzene	11.29	146	10888	2.366	ug/L 99
65) 1,2-Dichlorobenzene	11.67	146	108148	24.489	ug/L 98
68) 1,2,4-trichlorobenzene	13.29	180	14662	5.412	ug/L 97
70) 1,2,3-Trichlorobenzene	13.77	180	11755	4.340	ug/L 97

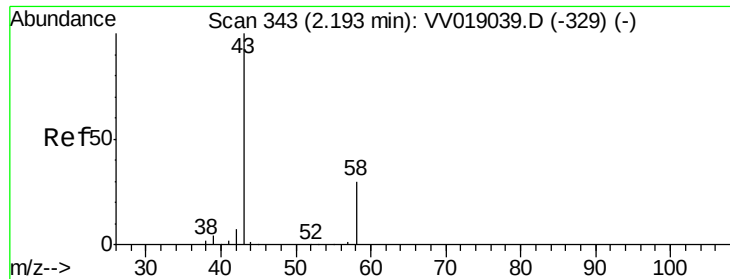
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 22 06:00:52 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.545 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV019052.D

Acq: 21 Oct 2020 16:33

Instrument :

MSVOA_V

ClientSampleId :

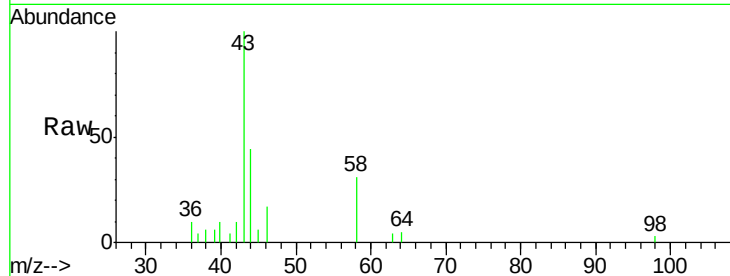
C0FH0

Tot Ion: 43 Resp: 6790

Ion Ratio Lower Upper

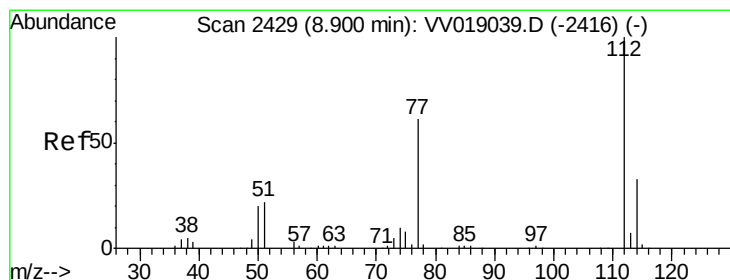
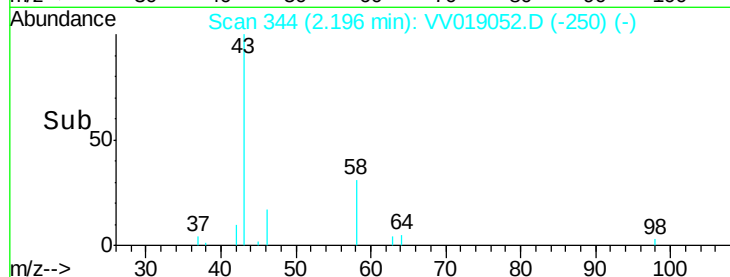
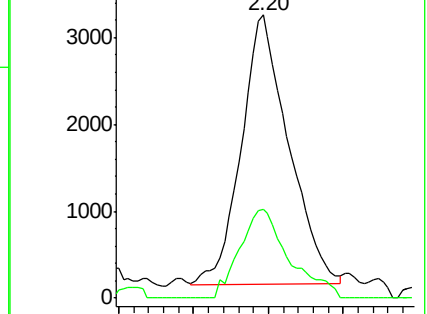
43 100

58 34.4 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV019039.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV019039.D (-329) (-)



#51

Chlorobenzene

Concen: 2.868 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV019052.D

Acq: 21 Oct 2020 16:33

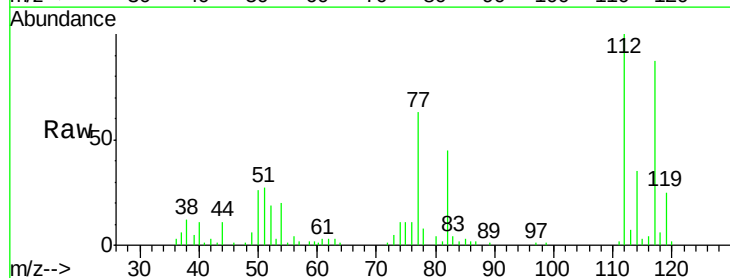
Tgt Ion: 112 Resp: 18340

Ion Ratio Lower Upper

112 100

114 35.5 21.8 40.6

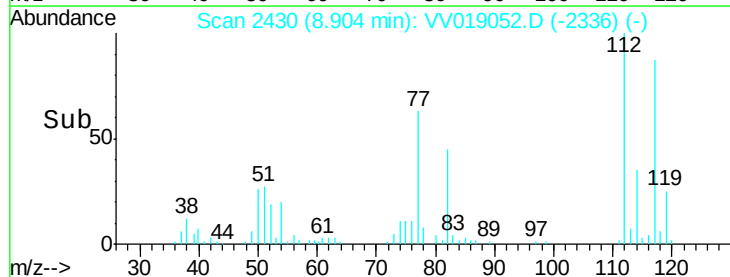
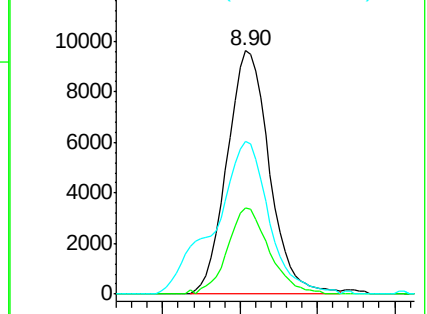
77 62.9 49.2 73.8

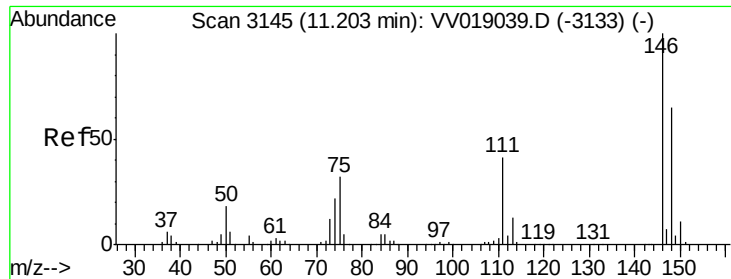


Abundance Ion 112.00 (111.70 to 112.70): VV019039.D (-2416) (-)

Ion 114.00 (113.70 to 114.70): VV019039.D (-2416) (-)

Ion 77.00 (76.70 to 77.70): VV019039.D (-2416) (-)





#62

1,3-Dichlorobenzene

Concen: 0.813 ug/L

RT: 11.21 min Scan# 3147

Delta R.T. 0.01 min

Lab File: VV019052.D

Acq: 21 Oct 2020 16:33

Instrument :

MSVOA_V

ClientSampled :

C0FH0

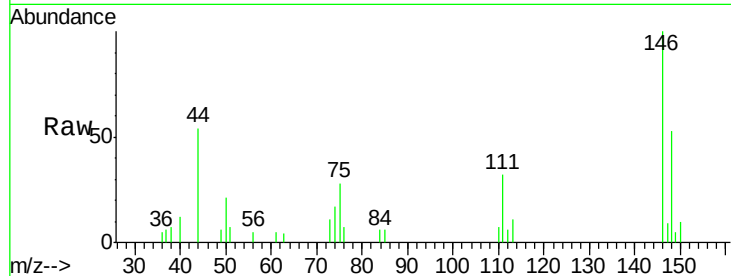
Tot Ion:146 Resp: 3560

Ion Ratio Lower Upper

146 100

111 31.9 28.3 52.7

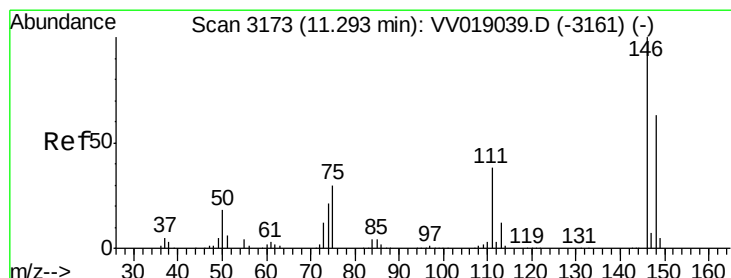
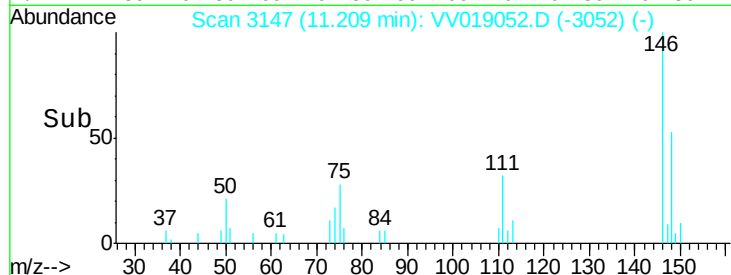
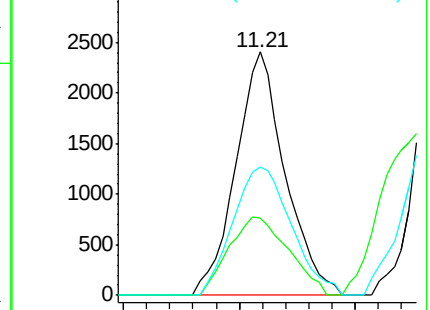
148 52.6 45.1 83.7



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: 2.366 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. -0.00 min

Lab File: VV019052.D

Acq: 21 Oct 2020 16:33

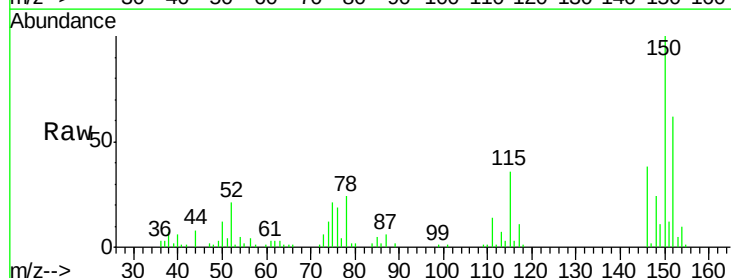
Tgt Ion:146 Resp: 10888

Ion Ratio Lower Upper

146 100

111 38.2 27.5 51.1

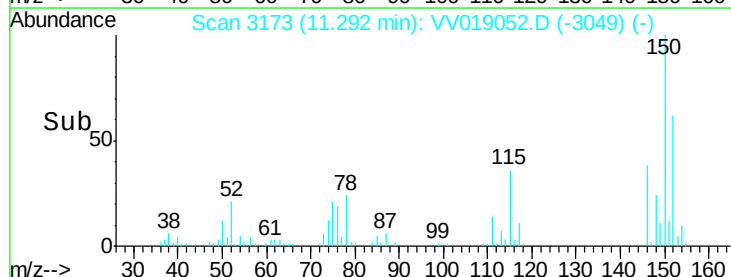
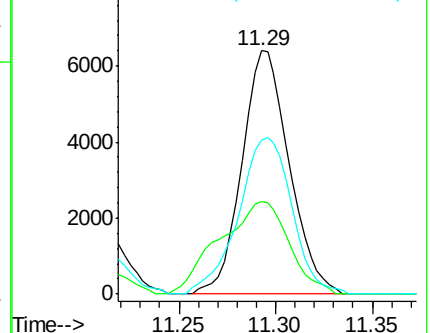
148 63.4 44.1 81.9

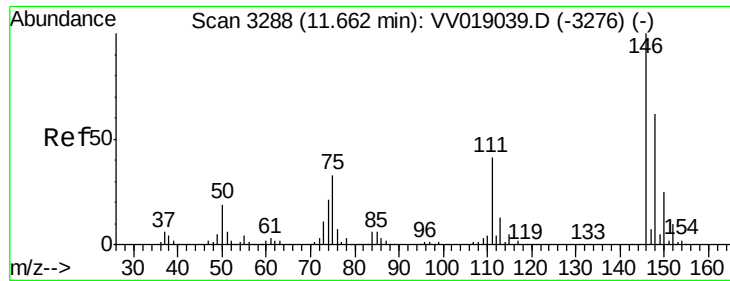


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 24.489 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV019052.D

Acq: 21 Oct 2020 16:33

Instrument :

MSVOA_V

ClientSampled :

C0FH0

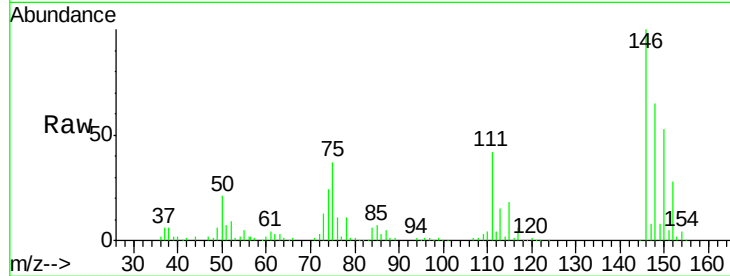
Tot Ion:146 Resp: 108148

Ion Ratio Lower Upper

146 100

111 41.7 33.9 50.9

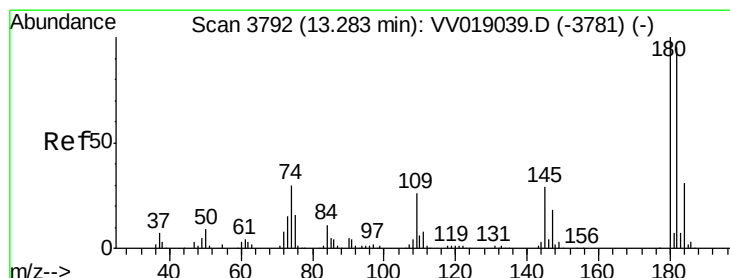
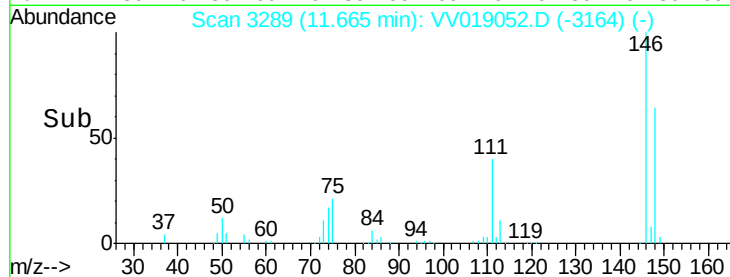
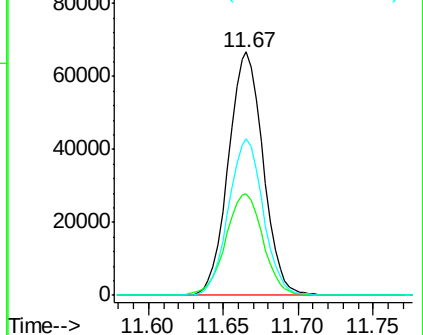
148 64.5 49.8 74.8



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: 5.412 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.00 min

Lab File: VV019052.D

Acq: 21 Oct 2020 16:33

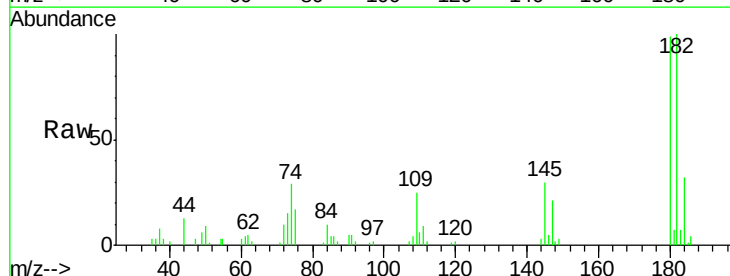
Tgt Ion:180 Resp: 14662

Ion Ratio Lower Upper

180 100

182 98.9 76.5 114.7

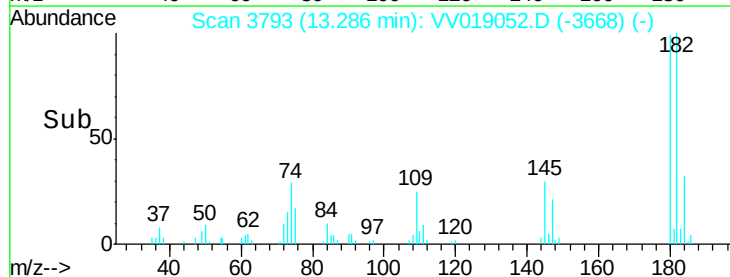
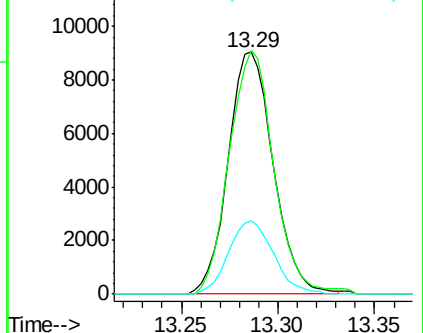
145 30.1 23.7 35.5

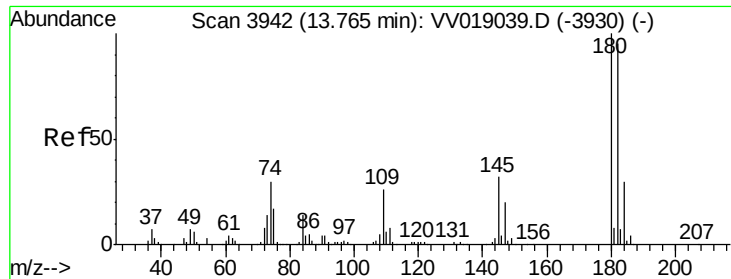


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 4.340 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV019052.D
 Acq: 21 Oct 2020 16:33

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FH0

Tot Ion:180	Resp:	11755
Ion	Ratio	Lower Upper
180	100	
182	93.9	76.8 115.2
145	29.5	25.4 38.0

