

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072220\
 Data File : VV017587.D
 Acq On : 22 Jul 2020 14:15
 Operator : SY/MD
 Sample : L3386-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0F85

Quant Time: Jul 23 06:02:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 23 05:23:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	315266	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	304449	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155004	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84008	43.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.32%
7) Chloroethane-d5	1.58	69	61289	46.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.70%
11) 1,1-Dichloroethene-d2	2.12	63	130863	33.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.60%
21) 2-Butanone-d5	3.91	46	138833	94.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.34%
24) Chloroform-d	4.38	84	203403	46.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.06%
26) 1,2-Dichloroethane-d4	5.06	65	148623	49.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.18%
32) Benzene-d6	5.07	84	384215	47.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.52%
36) 1,2-Dichloropropane-d6	6.09	67	117206	48.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.06%
41) Toluene-d8	7.34	98	357728	46.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.24%
43) trans-1,3-Dichloropropene-	7.64	79	63458	44.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.84%
47) 2-Hexanone-d5	8.11	63	105119	93.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.96%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	158451	45.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	163735	50.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.88%

Target Compounds

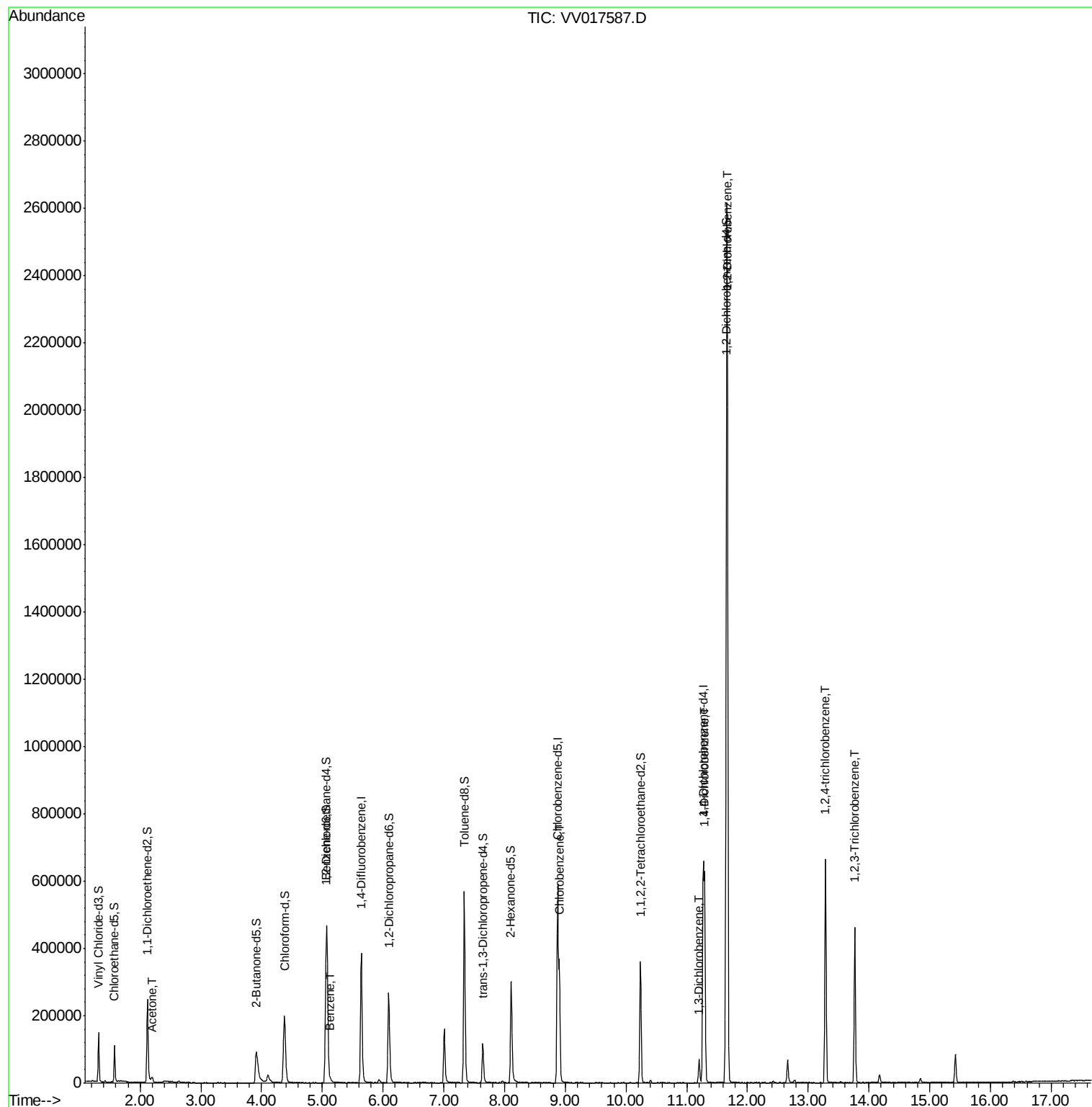
					Ovalue
13) Acetone	2.19	43	21416	16.125	ug/L 98
33) Benzene	5.13	78	8518	0.952	ug/L 100
51) Chlorobenzene	8.90	112	178122	27.292	ug/L 99
62) 1,3-Dichlorobenzene	11.21	146	26309	5.055	ug/L 97
63) 1,4-Dichlorobenzene	11.29	146	221897	41.771	ug/L 99
65) 1,2-Dichlorobenzene	11.67	146	958332	181.626	ug/L 99
68) 1,2,4-trichlorobenzene	13.28	180	197830	54.286	ug/L 99
70) 1,2,3-Trichlorobenzene	13.77	180	137454	37.708	ug/L 100

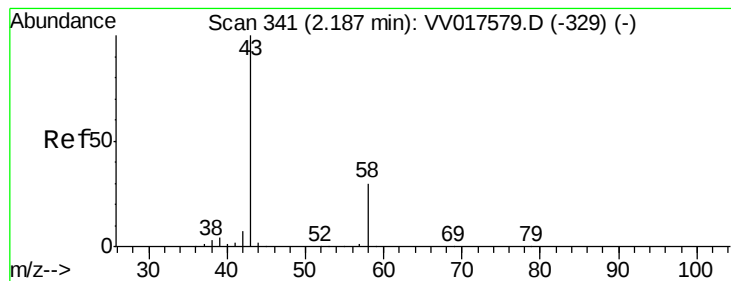
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 23 05:23:23 2020
Response via : Initial Calibration





#13

Acetone

Concen: 16.125 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

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Acq: 22 Jul 2020 14:15

Instrument :

MSVOA_V

ClientSampleId :

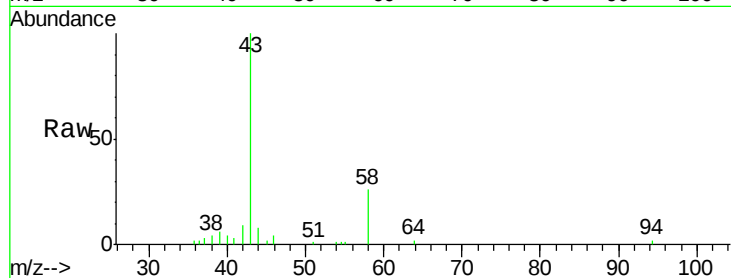
C0F85

Tot Ion: 43 Resp: 21416

Ion Ratio Lower Upper

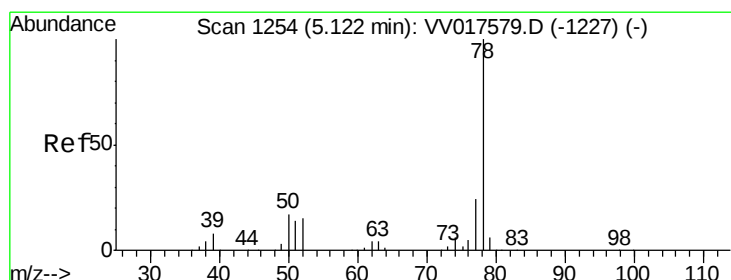
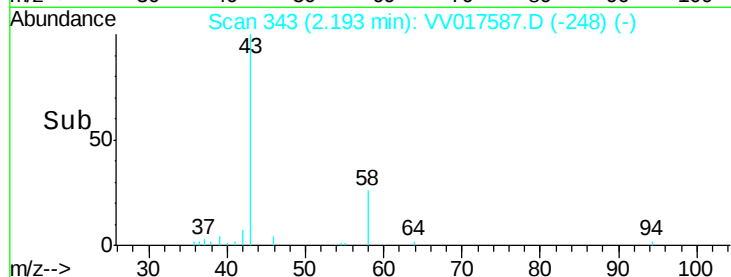
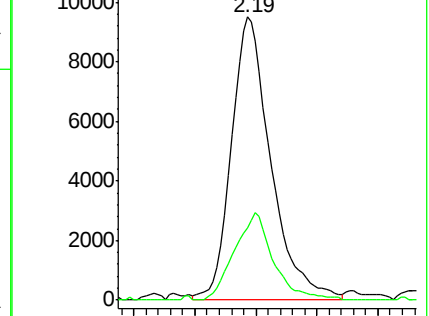
43 100

58 30.2 0.0 58.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#33

Benzene

Concen: 0.952 ug/L

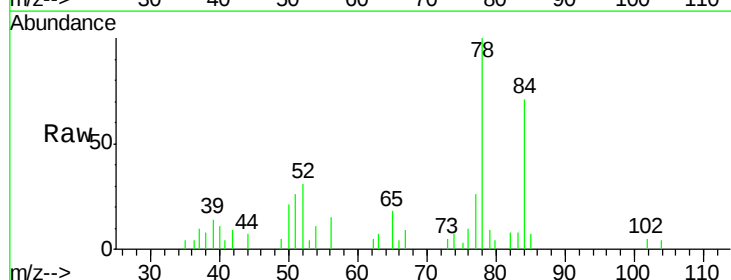
RT: 5.13 min Scan# 1256

Delta R.T. 0.01 min

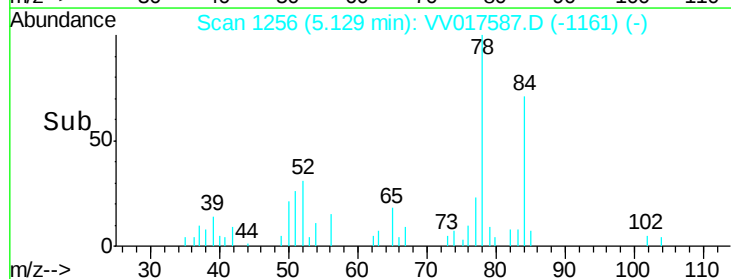
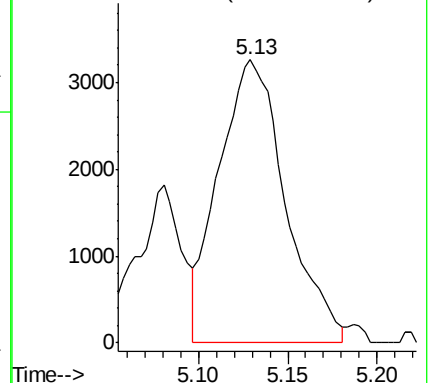
Lab File: VV017587.D

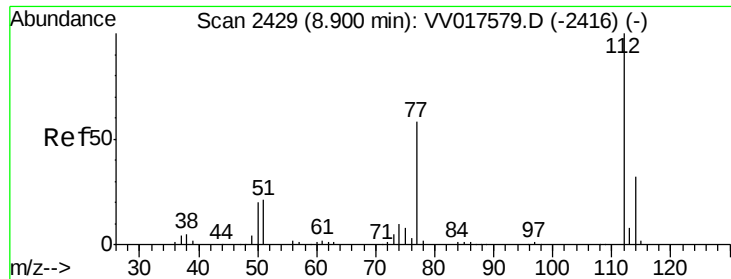
Acq: 22 Jul 2020 14:15

Tgt Ion: 78 Resp: 8518



Abundance Ion 78.00 (77.70 to 78.70): VV0





#51

Chlorobenzene

Concen: 27.292 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV017587.D

Acq: 22 Jul 2020 14:15

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C0F85

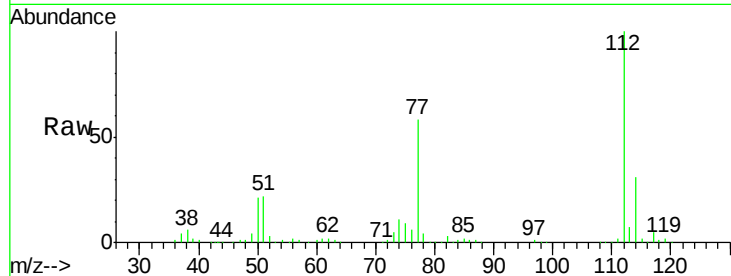
Tot Ion:112 Resp: 178122

Ion Ratio Lower Upper

112 100

114 31.5 21.9 40.7

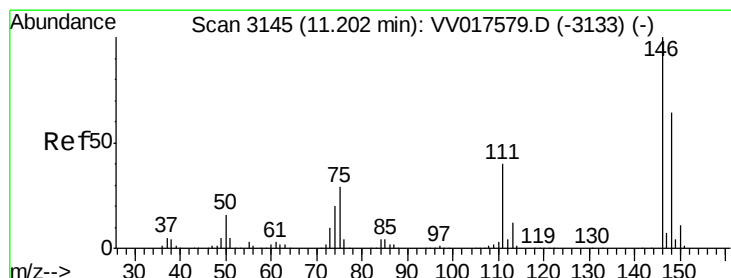
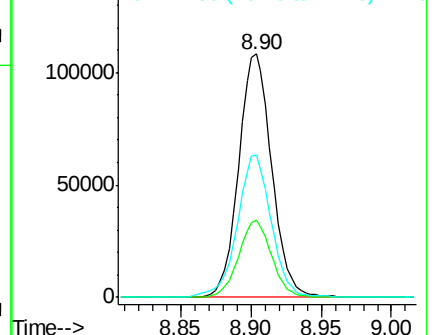
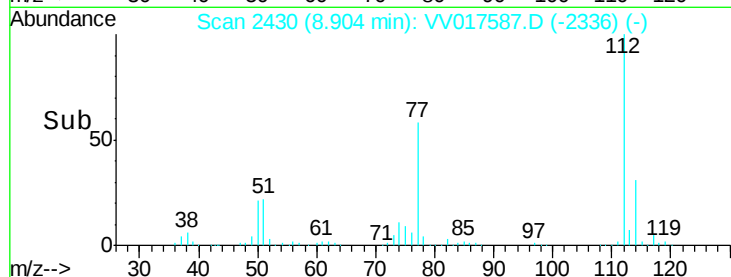
77 58.4 46.1 69.1



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: 5.055 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV017587.D

Acq: 22 Jul 2020 14:15

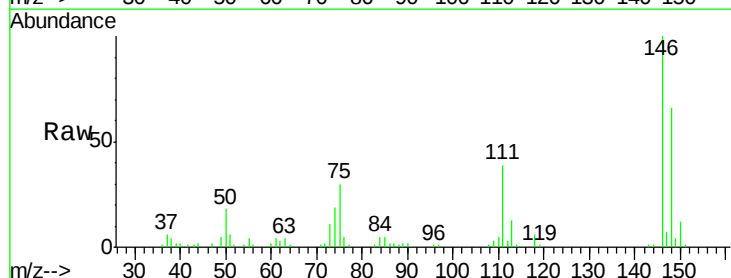
Tgt Ion:146 Resp: 26309

Ion Ratio Lower Upper

146 100

111 39.4 28.2 52.4

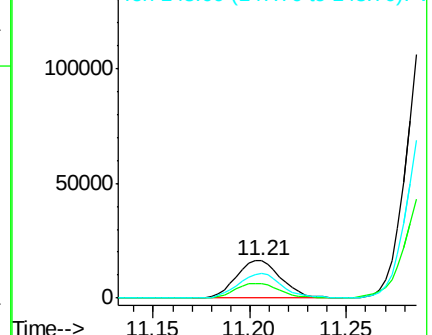
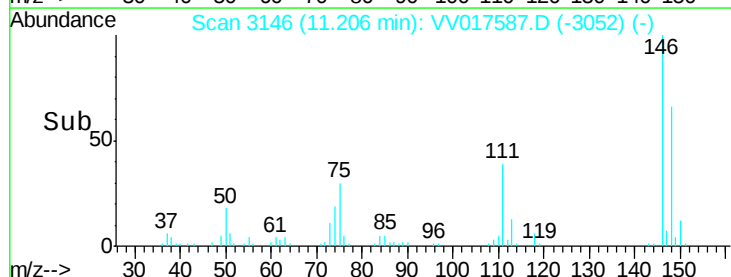
148 66.5 44.7 82.9

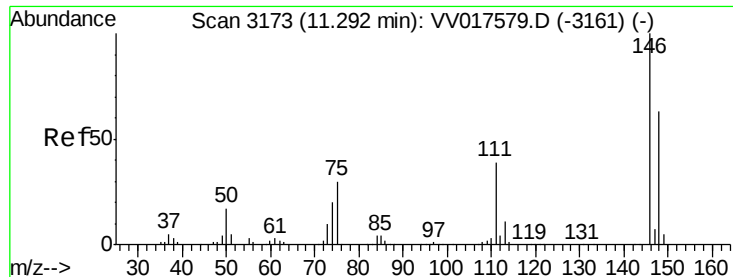


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

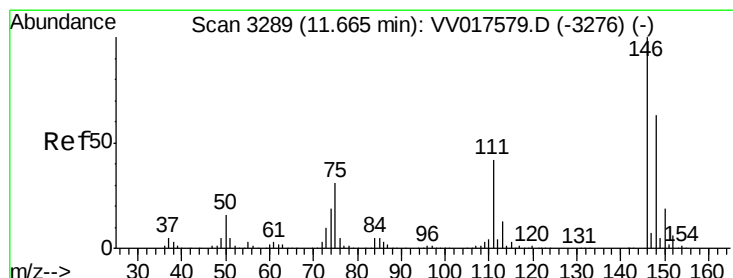
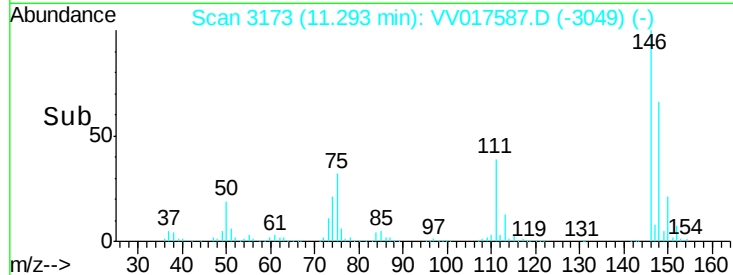
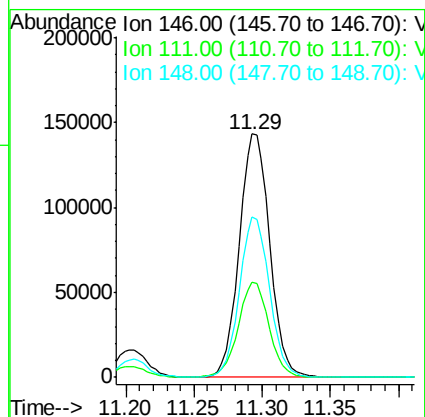
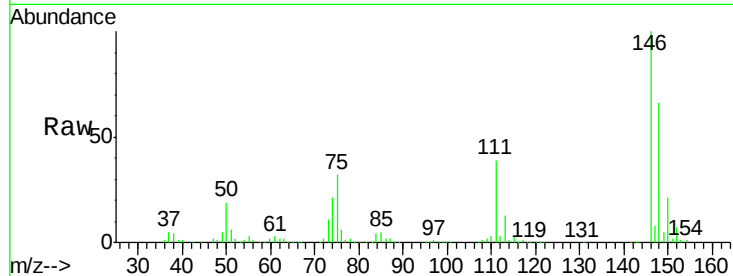




#63
 1,4-Dichlorobenzene
 Concen: 41.771 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV017587.D
 Acq: 22 Jul 2020 14:15

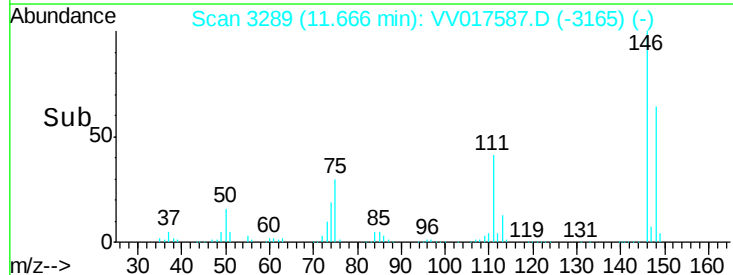
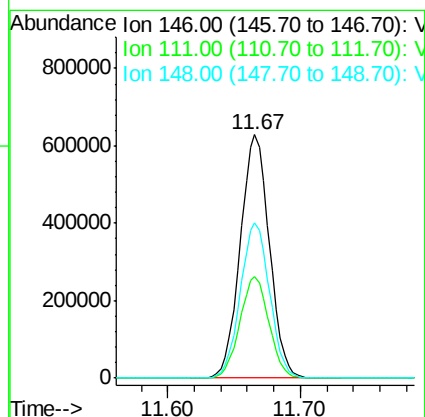
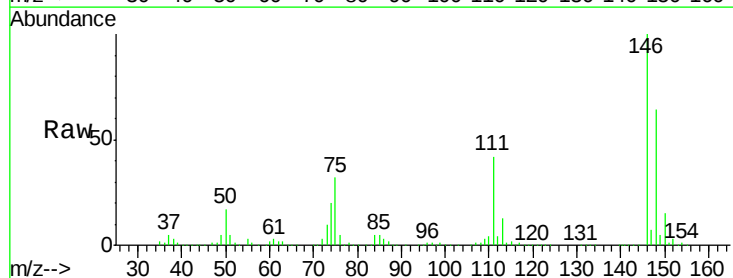
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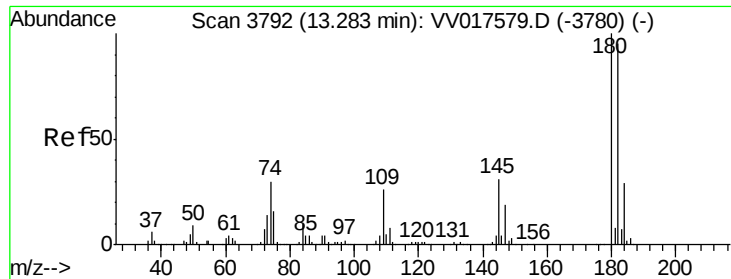
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	27.3	50.7
148	65.9	45.1	83.9



#65
 1,2-Dichlorobenzene
 Concen: 181.626 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV017587.D
 Acq: 22 Jul 2020 14:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	32.9	49.3
148	64.0	51.0	76.4

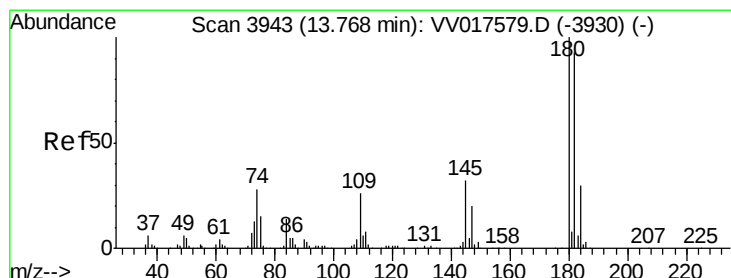
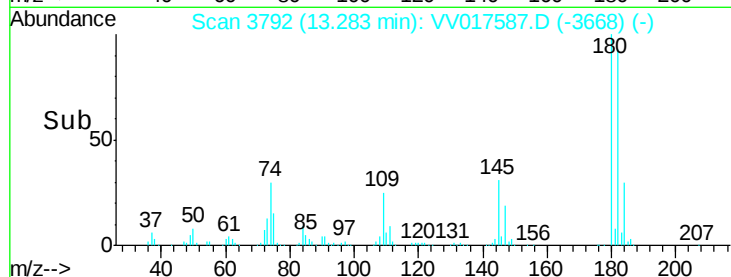
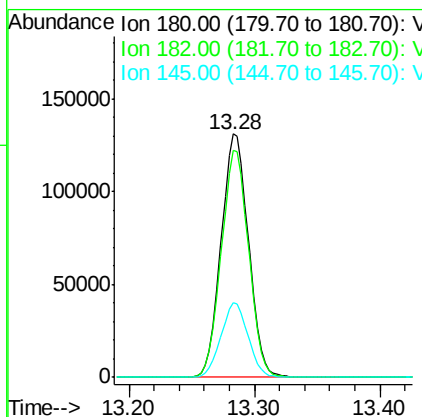
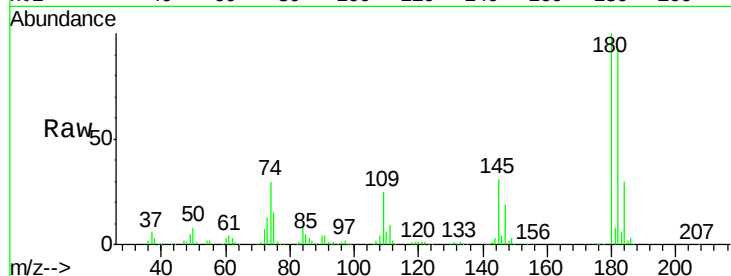




#68
 1,2,4-trichlorobenzene
 Concen: 54.286 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV017587.D
 Acq: 22 Jul 2020 14:15

Instrument :
 MSVOA_V
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.2	114.4
145	30.4	24.1	36.1



#70
 1,2,3-Trichlorobenzene
 Concen: 37.708 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV017587.D
 Acq: 22 Jul 2020 14:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.8	113.8
145	32.2	25.5	38.3

