

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072220\
 Data File : VV017592.D
 Acq On : 22 Jul 2020 16:46
 Operator : SY/MD
 Sample : L3386-02 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0F83

Manual Integrations
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Quant Time: Jul 23 06:27:31 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	308066	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	301239	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	159533	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85521	45.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.98%
7) Chloroethane-d5	1.58	69	60869	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.12	63	132201	34.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.88%
21) 2-Butanone-d5	3.90	46	137204	95.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.41%
24) Chloroform-d	4.37	84	206925	47.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.84%
26) 1,2-Dichloroethane-d4	5.05	65	150530	50.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.76%
32) Benzene-d6	5.07	84	384244	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.54%
36) 1,2-Dichloropropane-d6	6.09	67	115930	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.02%
41) Toluene-d8	7.33	98	359657	47.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.74%
43) trans-1,3-Dichloropropene-	7.64	79	63749	45.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.20%
47) 2-Hexanone-d5	8.10	63	103191	93.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.21%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	158474	46.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	166155m	50.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.46%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
25) Chloroform	4.39	83	8839	2.068	ug/L	98
31) Carbon tetrachloride	4.85	117	3944	1.050	ug/L	97
33) Benzene	5.12	78	664160	74.999	ug/L	100
51) Chlorobenzene	8.90	112	3122840	483.582	ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	158536	29.597	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	1200453	219.565	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	1573326	289.716	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	236418	63.033	ug/L	99
70) 1,2,3-Trichlorobenzene	13.76	180	56767	15.131	ug/L	96

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

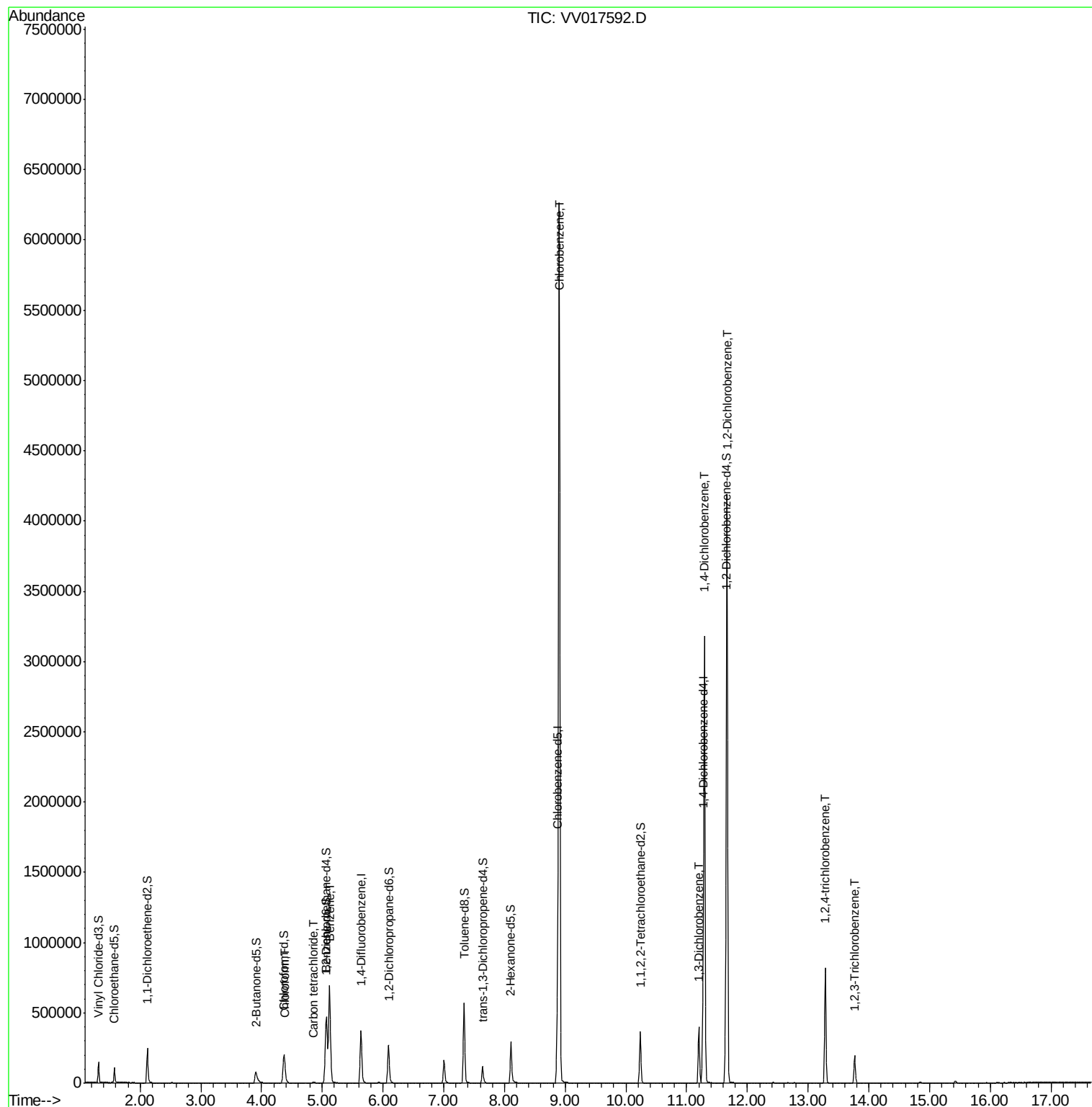
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV072220\
Data File : VV017592.D
Acq On : 22 Jul 2020 16:46
Operator : SY/MD
Sample : L3386-02 50X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 16 Sample Multiplier: 1

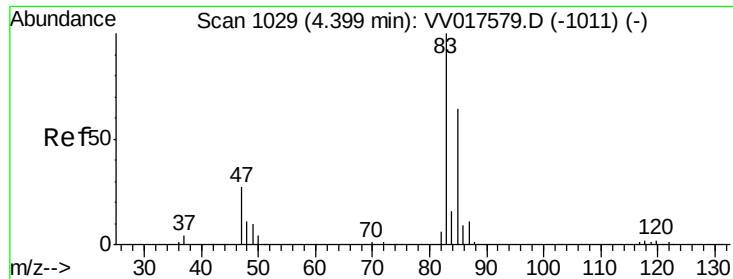
Instrument :
MSVOA_V
ClientSampleId :
C0F83

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Quant Time: Jul 23 06:27:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072120WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 23 05:23:23 2020
Response via : Initial Calibration





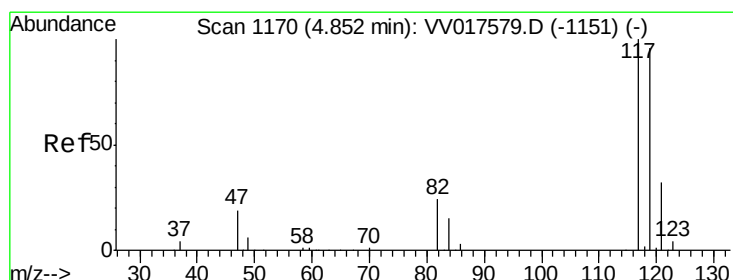
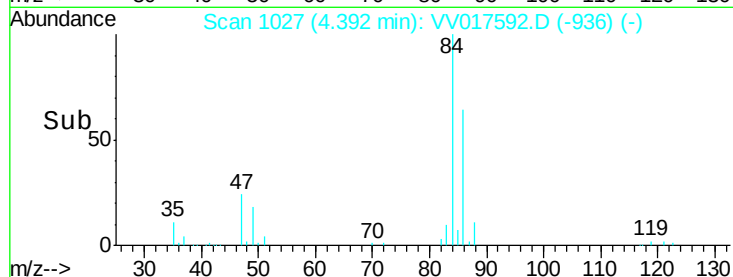
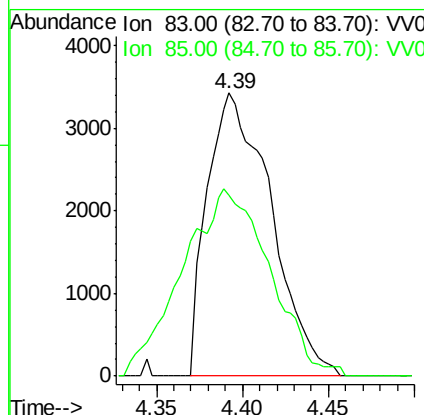
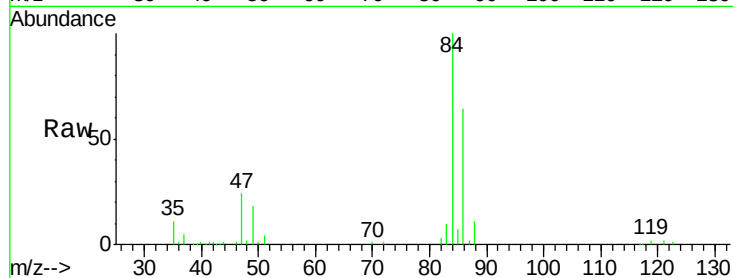
#25
Chloroform
Concen: 2.068 ug/L
RT: 4.39 min Scan# 1027
Delta R.T. -0.01 min
Lab File: VV017592.D
Acq: 22 Jul 2020 16:46

Instrument :
MSVOA_V
ClientSampleId :
C0F83

Tot Ion	83	Resp	8839
Ion Ratio	100	Lower	Upper
85	64.0	45.6	84.8

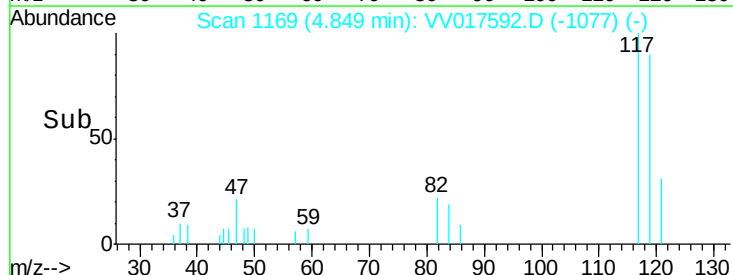
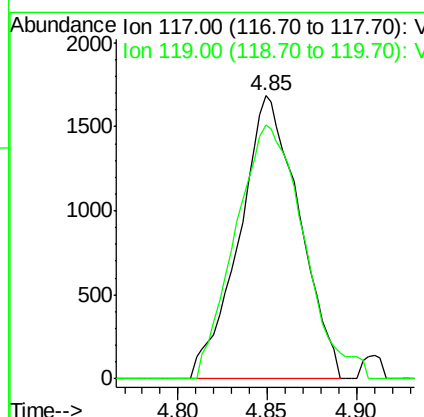
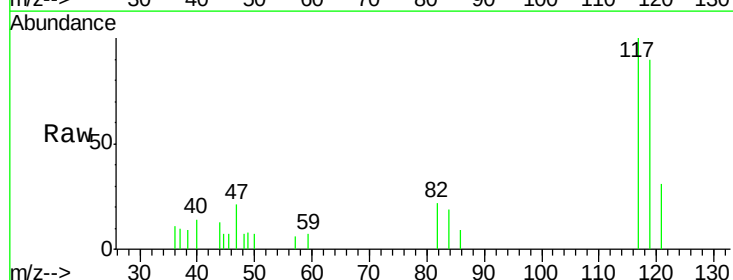
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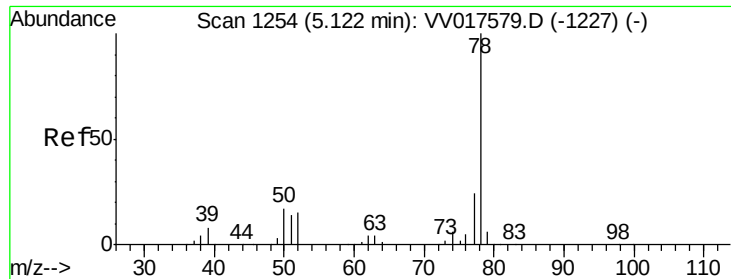
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#31
Carbon tetrachloride
Concen: 1.050 ug/L
RT: 4.85 min Scan# 1169
Delta R.T. -0.00 min
Lab File: VV017592.D
Acq: 22 Jul 2020 16:46

Tgt Ion	117	Resp	3944
Ion Ratio	100	Lower	Upper
119	100.7	78.2	117.2





#33

Benzene

Concen: 74.999 ug/L

RT: 5.12 min Scan# 1253

Delta R.T. -0.00 min

Lab File: VV017592.D

Acq: 22 Jul 2020 16:46

Instrument :

MSVOA_V

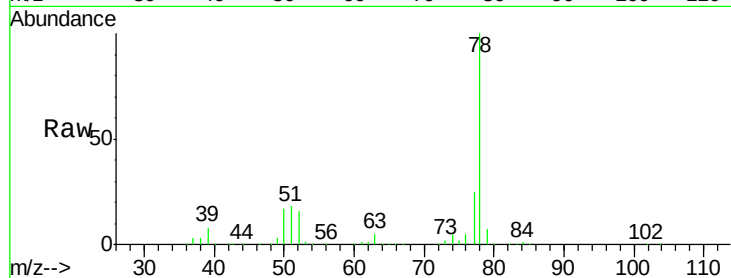
ClientSampleId :

C0F83

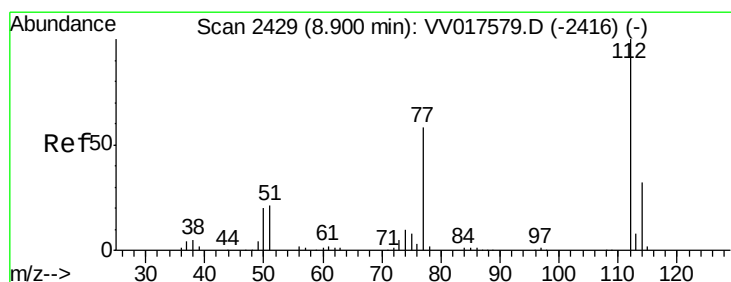
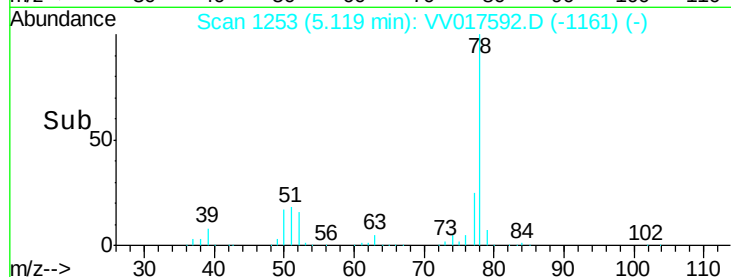
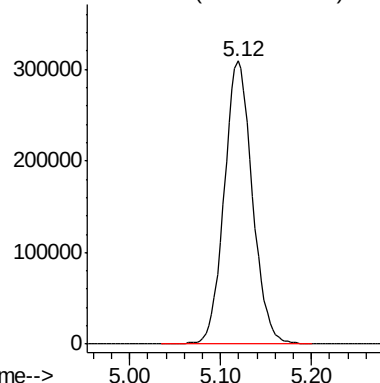
Tgt Ion: 78 Resp: 664160

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Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 483.582 ug/L

RT: 8.90 min Scan# 2429

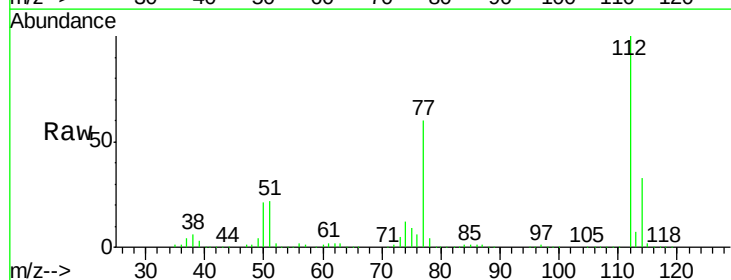
Delta R.T. -0.00 min

Lab File: VV017592.D

Acq: 22 Jul 2020 16:46

Tgt Ion: 112 Resp: 3122840

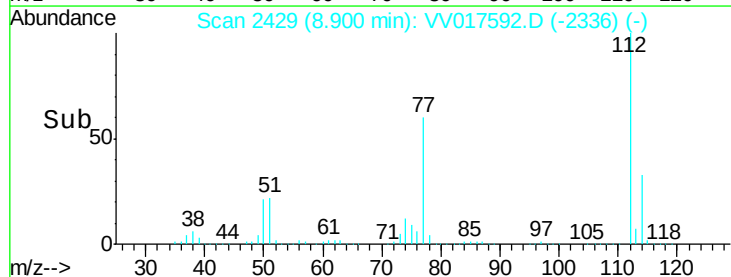
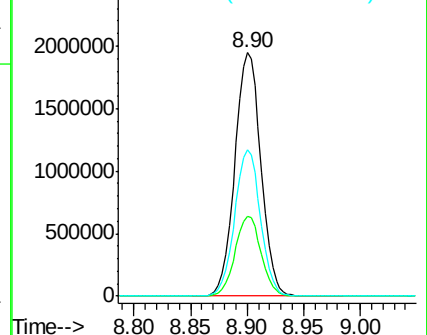
Ion	Ratio	Lower	Upper
112	100		
114	32.6	21.9	40.7
77	60.1	46.1	69.1

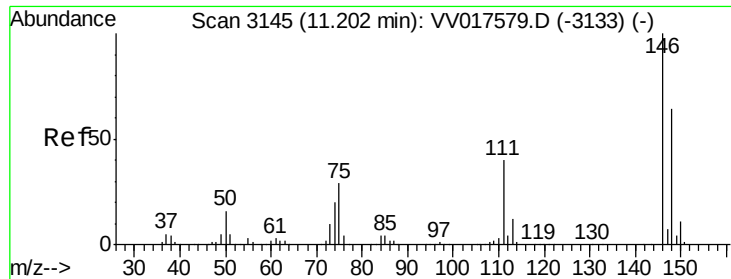


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0





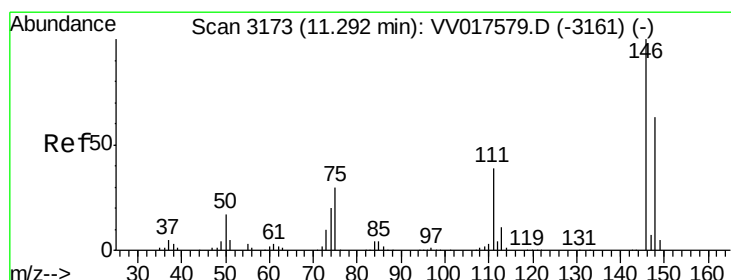
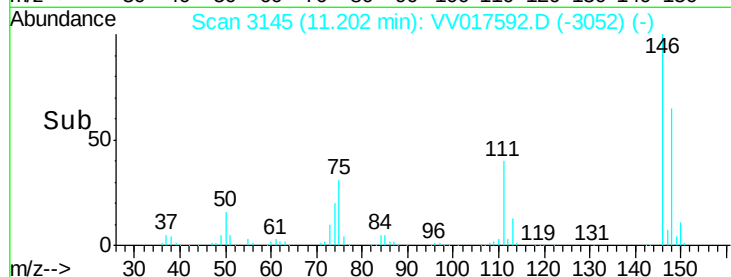
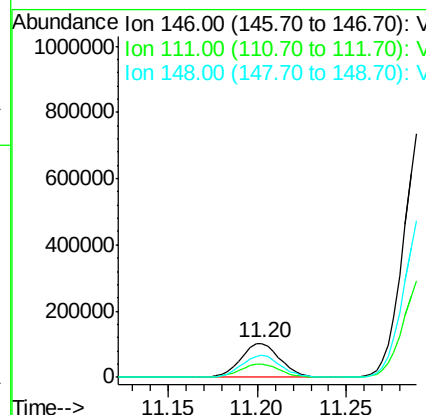
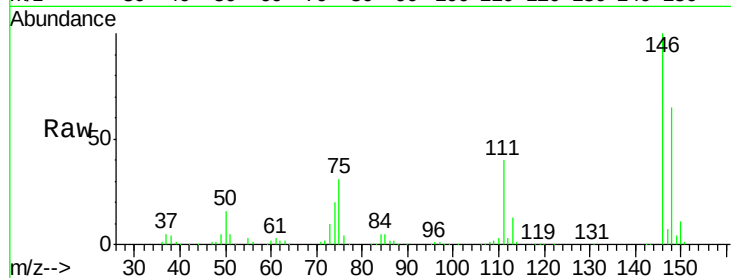
#62
 1,3-Dichlorobenzene
 Concen: 29.597 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. -0.00 min
 Lab File: VV017592.D
 Acq: 22 Jul 2020 16:46

Instrument :
 MSVOA_V
 ClientSampled :
 C0F83

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	28.2	52.4
148	65.4	44.7	82.9

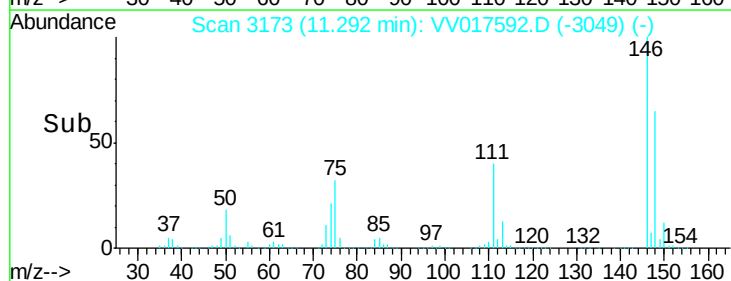
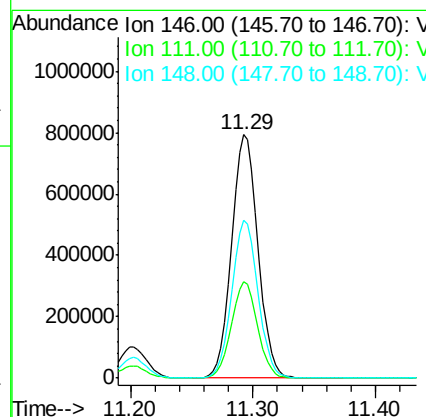
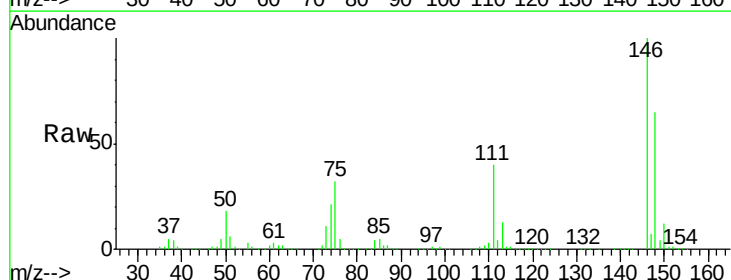
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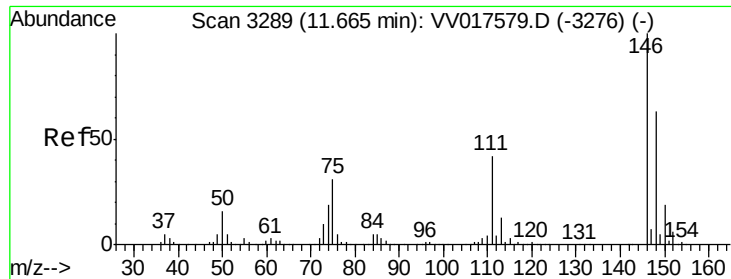
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#63
 1,4-Dichlorobenzene
 Concen: 219.565 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. -0.00 min
 Lab File: VV017592.D
 Acq: 22 Jul 2020 16:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	27.3	50.7
148	64.8	45.1	83.9





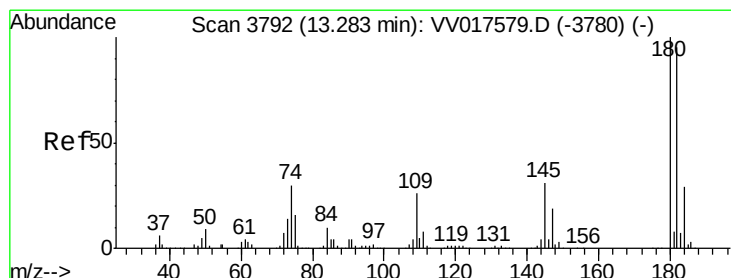
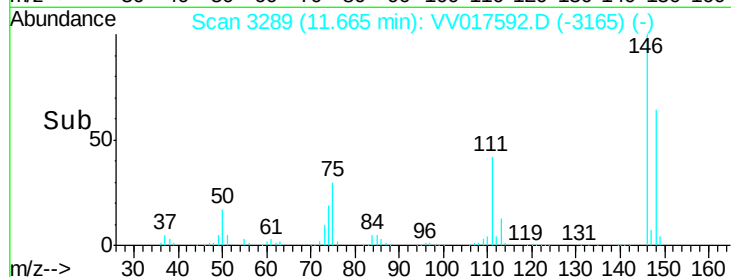
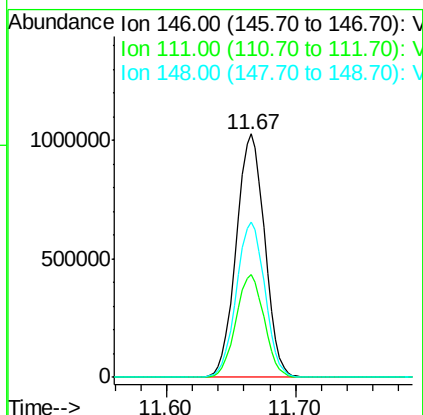
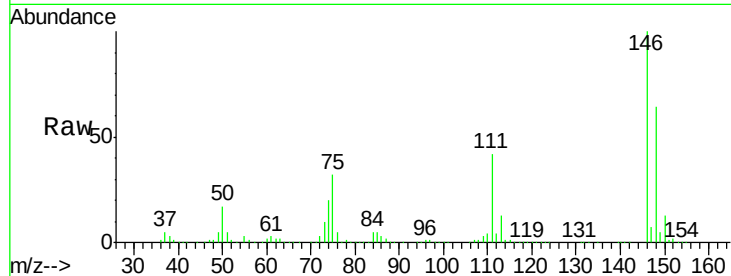
#65
 1,2-Dichlorobenzene
 Concen: 289.716 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: VV017592.D
 Acq: 22 Jul 2020 16:46

Instrument :
 MSVOA_V
 ClientSampled :
 C0F83

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	32.9	49.3
148	63.7	51.0	76.4

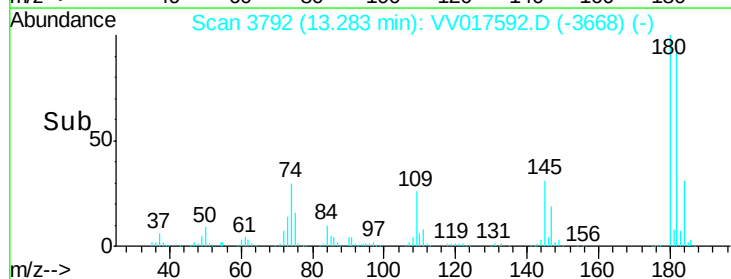
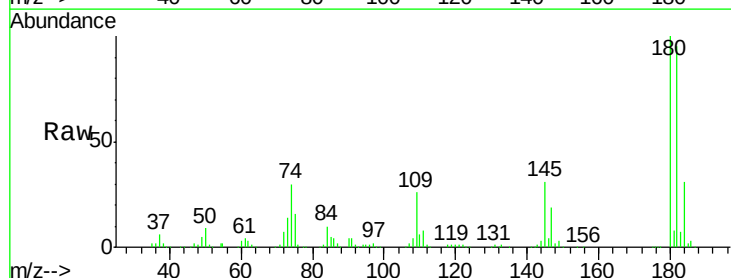
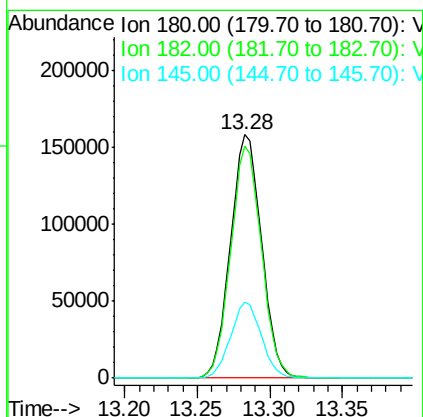
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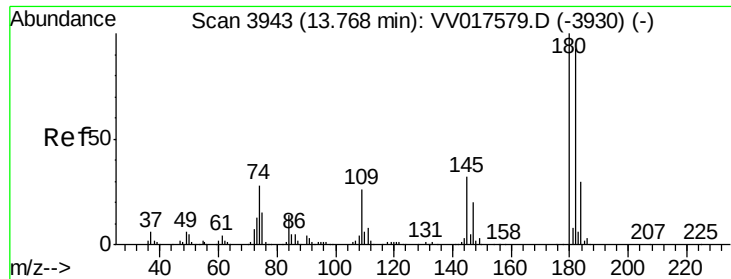
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#68
 1,2,4-trichlorobenzene
 Concen: 63.033 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. -0.00 min
 Lab File: VV017592.D
 Acq: 22 Jul 2020 16:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.2	114.4
145	30.9	24.1	36.1





#70
 1,2,3-Trichlorobenzene
 Concen: 15.131 ug/L
 RT: 13.76 min Scan# 3942
 Delta R.T. -0.00 min
 Lab File: VV017592.D
 Acq: 22 Jul 2020 16:46

Instrument :
 MSVOA_V
 ClientSampleId :
 C0F83

Tot Ion:	180	Resp:	56767
Ion Ratio	Lower	Upper	
180	100		
182	99.5	75.8	113.8
145	33.8	25.5	38.3

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