

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031620\
 Data File : VV014947.D
 Acq On : 16 Mar 2020 15:42
 Operator : SY/MD
 Sample : L1890-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DD2

Manual Integrations
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Quant Time: Mar 18 03:58:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 18 03:17:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	366709	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	367948	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	201180	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108907	44.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.16%
7) Chloroethane-d5	1.58	69	82691	45.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.14%
11) 1,1-Dichloroethene-d2	2.12	63	131583	35.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.22%
21) 2-Butanone-d5	3.93	46	121815	81.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.78%
24) Chloroform-d	4.38	84	219936	43.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.42%
26) 1,2-Dichloroethane-d4	5.06	65	146698	45.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.98%
32) Benzene-d6	5.08	84	464130	45.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.58%
36) 1,2-Dichloropropane-d6	6.10	67	137036	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.80%
41) Toluene-d8	7.34	98	460336	45.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.84%
43) trans-1,3-Dichloropropene-	7.64	79	70545	43.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.92%
47) 2-Hexanone-d5	8.12	63	126156	92.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.59%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	195246	44.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	206647m	46.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.78%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.12	96	1428	0.829	ug/L	# 1
25) Chloroform	4.40	83	12233	2.548	ug/L	91
31) Carbon tetrachloride	4.86	117	4857	1.245	ug/L	95
33) Benzene	5.13	78	4276975	427.175	ug/L	100
51) Chlorobenzene	8.91	112	15971133m	2058.601	ug/L	
62) 1,3-Dichlorobenzene	11.20	146	1089539	164.344	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	6354708	951.554	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	5956102	899.387	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	10983	2.113	ug/L	96
68) 1,2,4-trichlorobenzene	13.28	180	4128799	891.189	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	1041654	227.135	ug/L	100

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

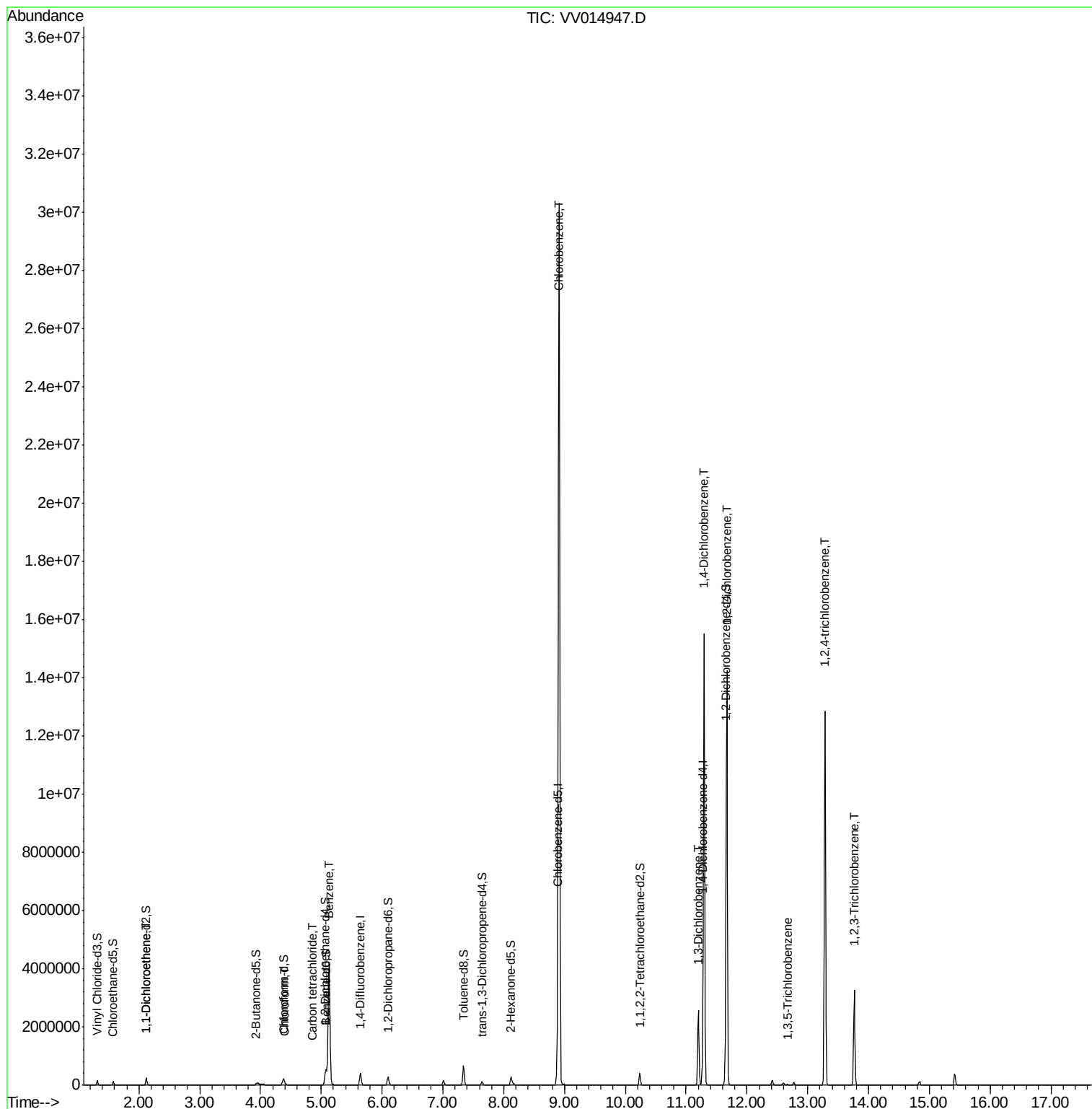
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV031620\
Data File : VV014947.D
Acq On : 16 Mar 2020 15:42
Operator : SY/MD
Sample : L1890-12
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 17 Sample Multiplier: 1

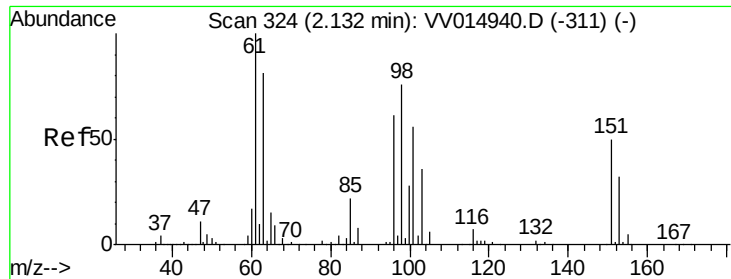
Instrument :
MSVOA_V
ClientSampleId :
C0DD2

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Quant Time: Mar 18 03:58:51 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
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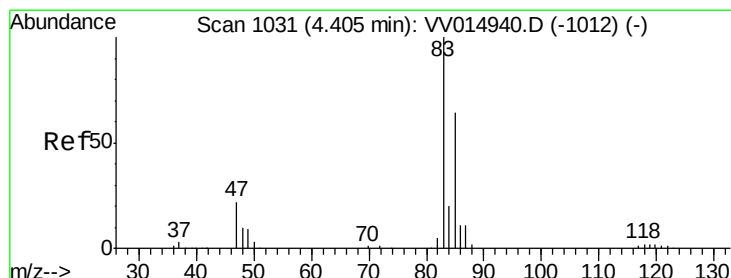
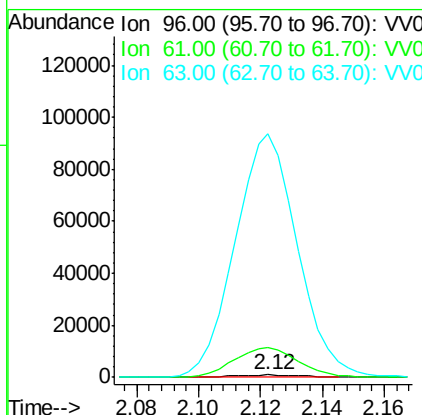
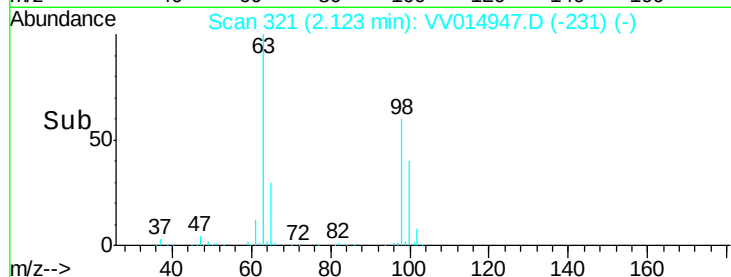
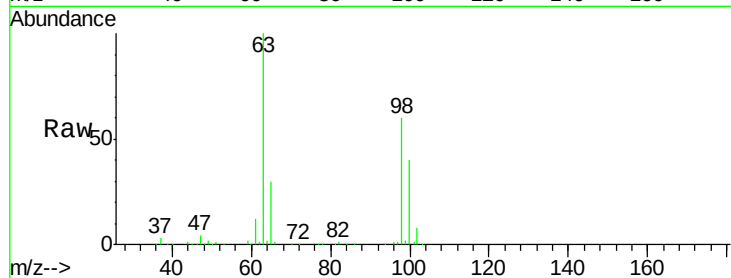
#12
 1,1-Dichloroethene
 Concen: 0.829 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV014947.D
 Acq: 16 Mar 2020 15:42

Instrument :
 MSVOA_V
 ClientSampled :
 C0DD2

Tot Ion: 96 Resp: 1428
 Ion Ratio Lower Upper
 96 100
 61 1238.7 115.7 214.9
 63 10166.3 99.2 184.

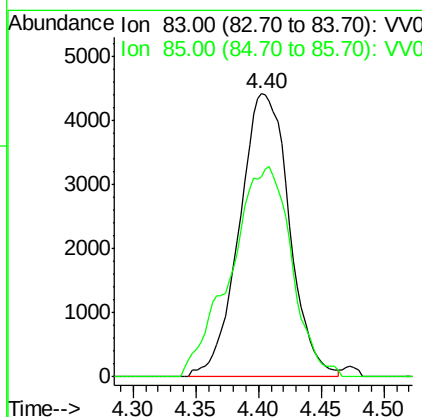
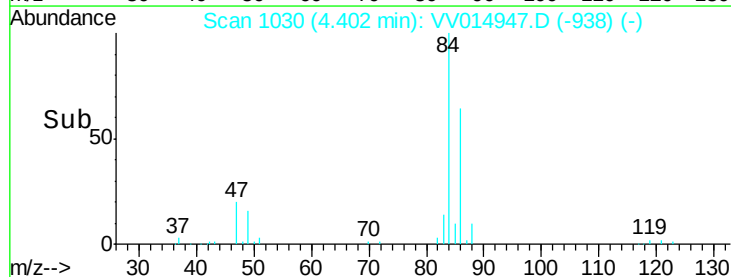
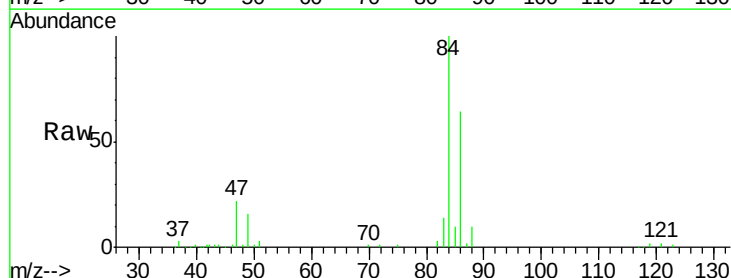
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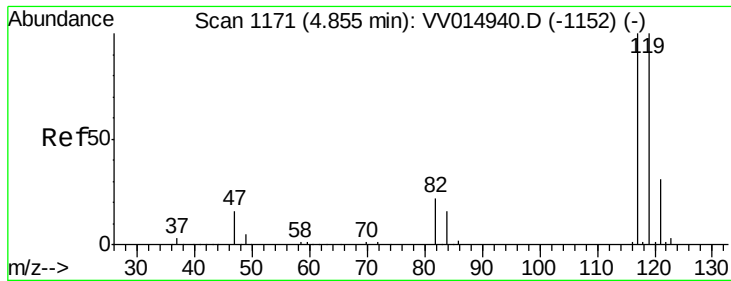
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#25
 Chloroform
 Concen: 2.548 ug/L
 RT: 4.40 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VV014947.D
 Acq: 16 Mar 2020 15:42

Tgt Ion: 83 Resp: 12233
 Ion Ratio Lower Upper
 83 100
 85 70.6 44.6 82.8





#31

Carbon tetrachloride

Concen: 1.245 ug/L

RT: 4.86 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VV014947.D

Acq: 16 Mar 2020 15:42

Instrument :

MSVOA_V

ClientSampled :

C0DD2

Tot Ion:117 Resp: 4857

Ion Ratio Lower Upper

117 100

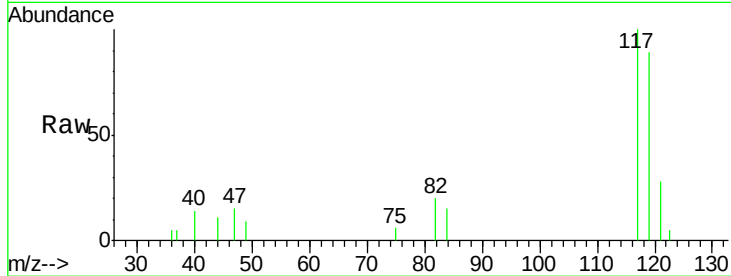
119 100.1 75.9 113.9

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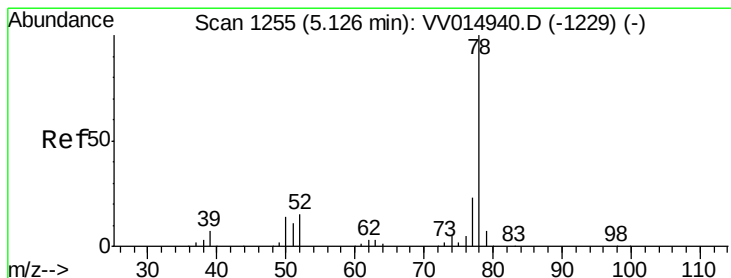
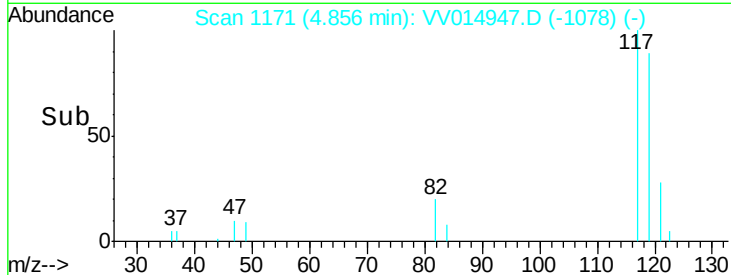
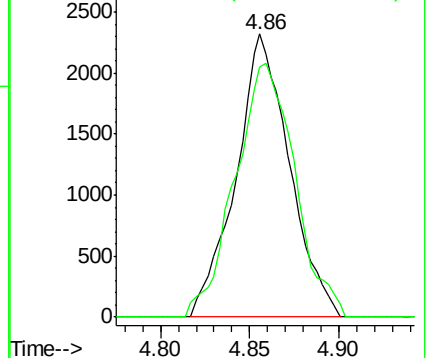
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Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 427.175 ug/L

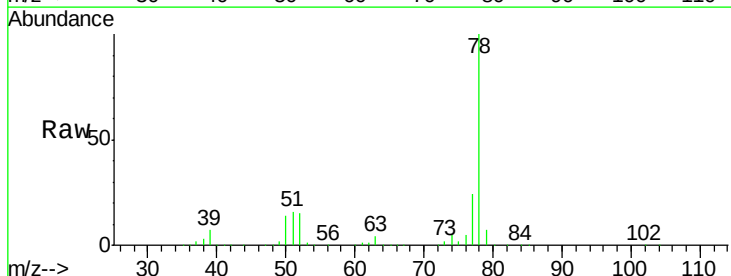
RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

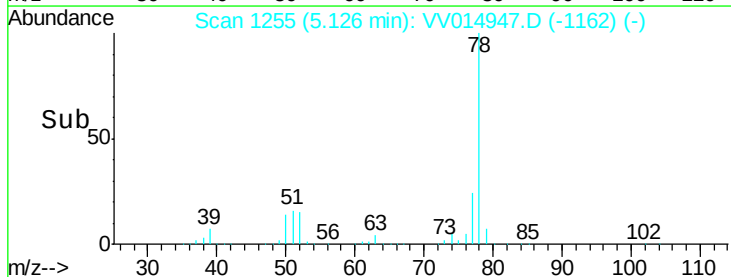
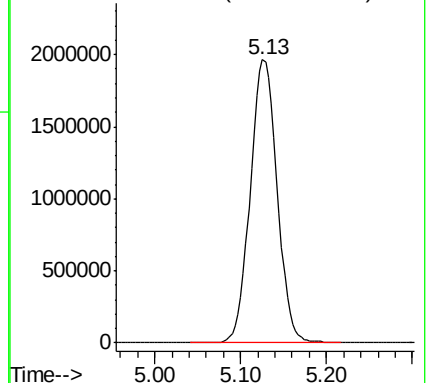
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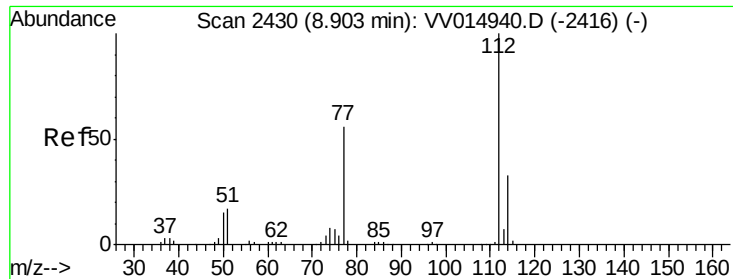
Acq: 16 Mar 2020 15:42

Tgt Ion: 78 Resp: 4276975



Abundance Ion 78.00 (77.70 to 78.70): VV0





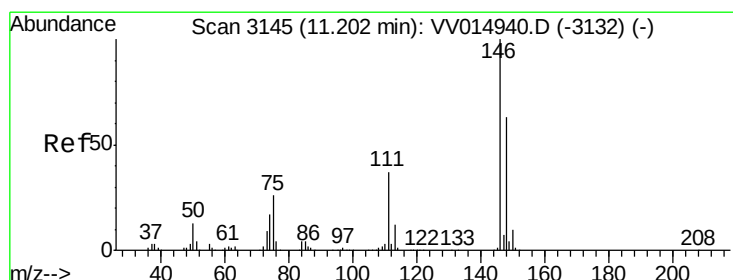
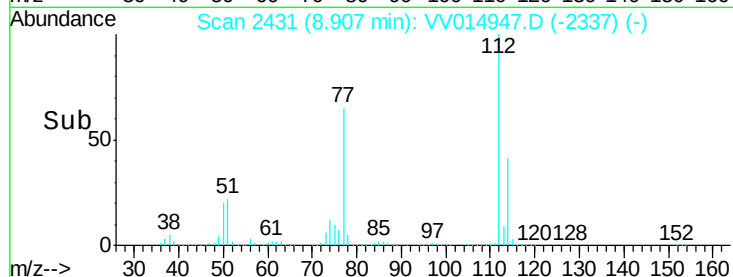
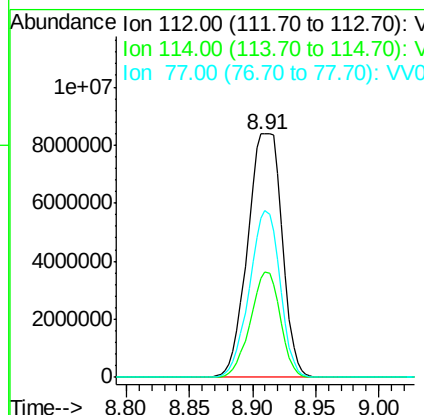
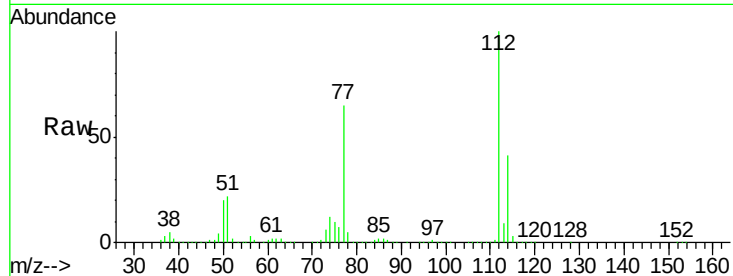
#51
Chlorobenzene
Concen: 2058.601 ug/L m
RT: 8.91 min Scan# 2431
Delta R.T. 0.00 min
Lab File: VV014947.D
Acq: 16 Mar 2020 15:42

Instrument :
MSVOA_V
ClientSampleId :
C0DD2

Tot Ion:112 Resp:15971133
Ion Ratio Lower Upper
112 100
114 40.6 22.8 42.4
77 65.4 44.5 66.7

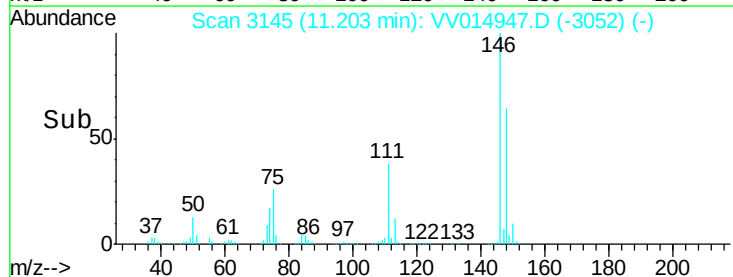
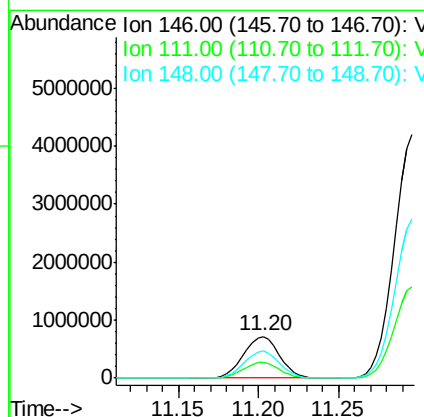
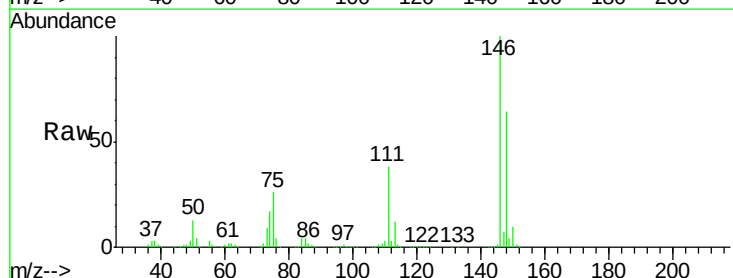
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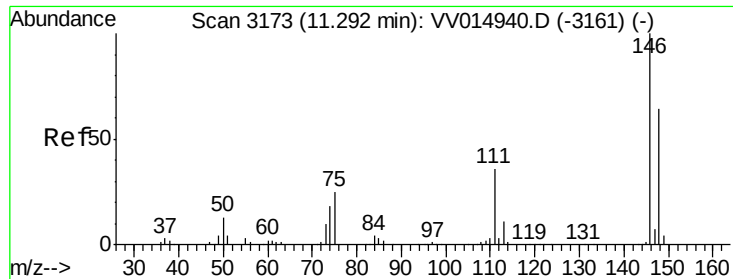
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#62
1,3-Dichlorobenzene
Concen: 164.344 ug/L
RT: 11.20 min Scan# 3145
Delta R.T. 0.00 min
Lab File: VV014947.D
Acq: 16 Mar 2020 15:42

Tgt Ion:146 Resp: 1089539
Ion Ratio Lower Upper
146 100
111 37.5 26.5 49.3
148 64.3 45.4 84.2





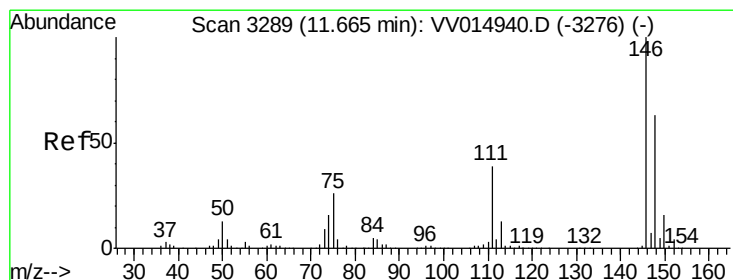
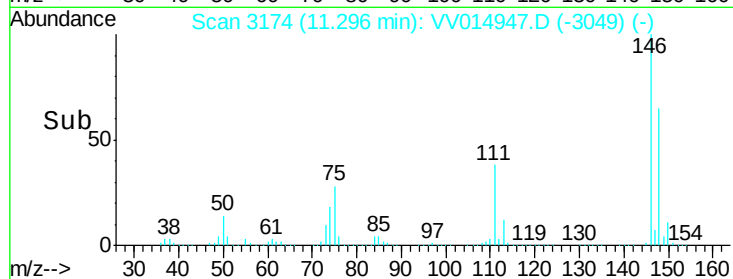
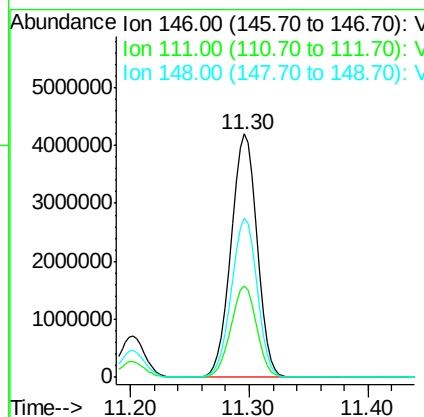
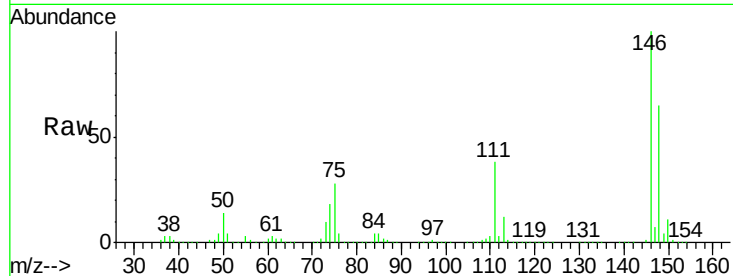
#63
 1,4-Dichlorobenzene
 Concen: 951.554 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV014947.D
 Acq: 16 Mar 2020 15:42

Instrument :
 MSVOA_V
 ClientSampled :
 C0DD2

Tot Ion:146 Resp: 6354708
 Ion Ratio Lower Upper
 146 100
 111 37.6 26.0 48.2
 148 65.4 46.1 85.5

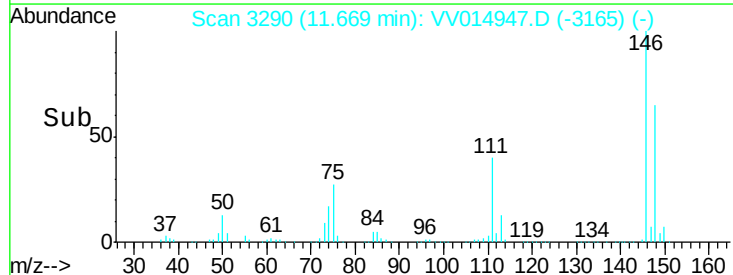
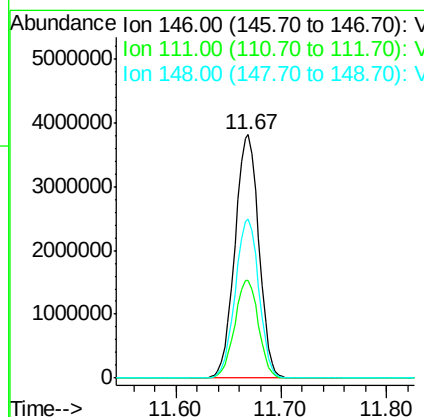
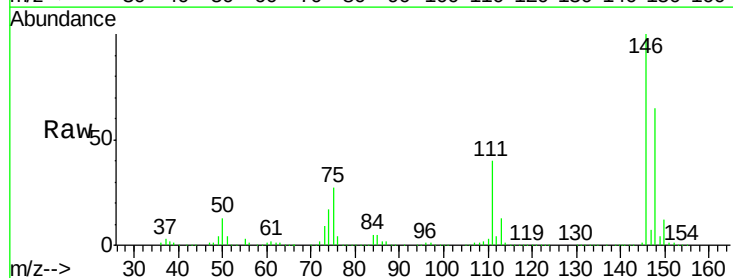
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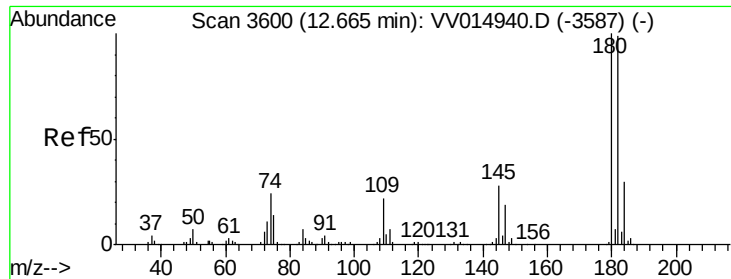
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#65
 1,2-Dichlorobenzene
 Concen: 899.387 ug/L
 RT: 11.67 min Scan# 3290
 Delta R.T. 0.00 min
 Lab File: VV014947.D
 Acq: 16 Mar 2020 15:42

Tgt Ion:146 Resp: 5956102
 Ion Ratio Lower Upper
 146 100
 111 40.4 31.6 47.4
 148 65.2 52.2 78.4





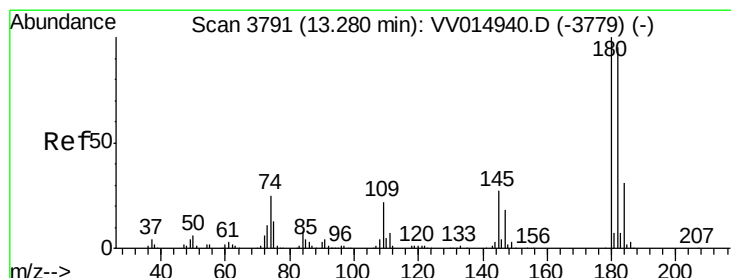
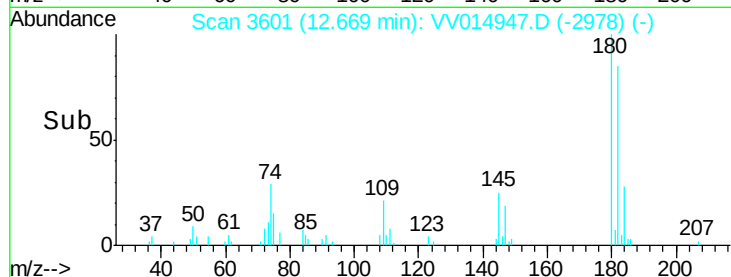
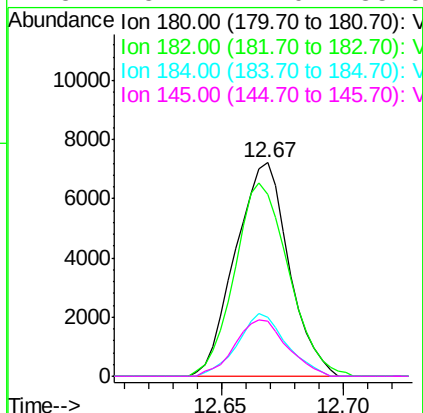
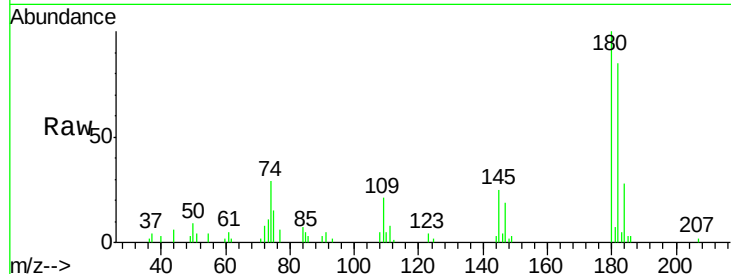
#67
 1,3,5-Trichlorobenzene
 Concen: 2.113 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VV014947.D
 Acq: 16 Mar 2020 15:42

Instrument :
 MSVOA_V
 ClientSampled :
 C0DD2

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.4	75.7	113.5
184	26.7	24.2	36.4
145	25.7	22.0	33.0

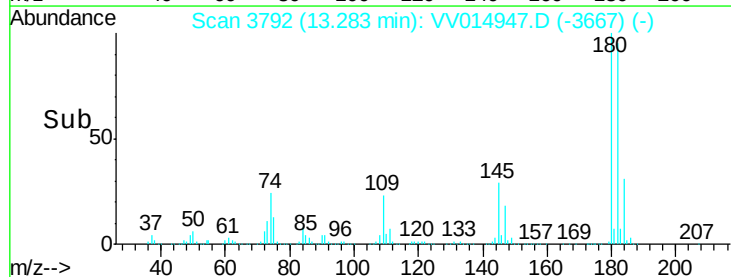
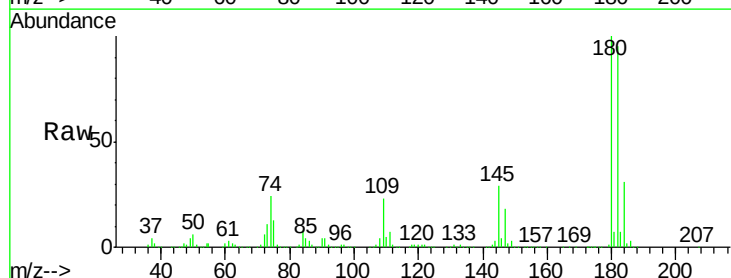
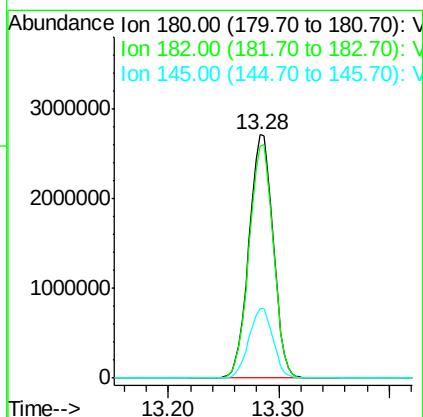
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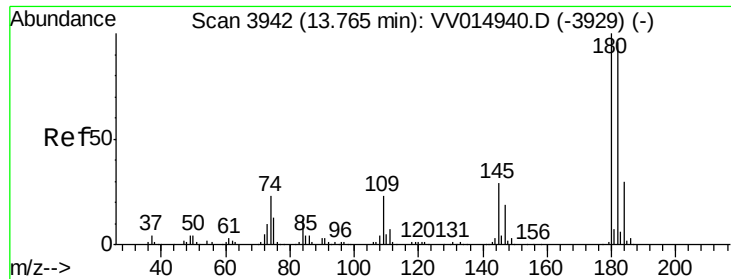
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#68
 1,2,4-trichlorobenzene
 Concen: 891.189 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV014947.D
 Acq: 16 Mar 2020 15:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.3	114.5
145	28.5	23.1	34.7





#70
 1,2,3-Trichlorobenzene
 Concen: 227.135 ug/L
 RT: 13.77 min Scan# 3942
 Delta R.T. 0.00 min
 Lab File: VV014947.D
 Acq: 16 Mar 2020 15:42

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DD2

Tot Ion:	180	Resp:	1041654
Ion Ratio	Lower	Upper	
180	100		
182	95.8	76.2	114.4
145	30.3	24.1	36.1

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