

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030920\
 Data File : VV014775.D
 Acq On : 09 Mar 2020 14:36
 Operator : SY/MD
 Sample : L1834-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL0

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 9:41:06 AM

Quant Time: Mar 10 15:43:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 10 14:44:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	416063	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	413980	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	229552m	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	125501	44.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.14%
7) Chloroethane-d5	1.58	69	104449	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.84%
11) 1,1-Dichloroethene-d2	2.12	63	166698	35.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.26%
21) 2-Butanone-d5	3.93	46	198275	94.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.42%
24) Chloroform-d	4.38	84	259864	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.48%
26) 1,2-Dichloroethane-d4	5.06	65	179362	49.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.06%
32) Benzene-d6	5.08	84	553181	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.22%
36) 1,2-Dichloropropane-d6	6.10	67	171478	47.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.66%
41) Toluene-d8	7.34	98	529407	49.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.90%
43) trans-1,3-Dichloropropene-	7.64	79	80855	45.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.42%
47) 2-Hexanone-d5	8.11	63	161046	100.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.12%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	233995	46.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	229537	50.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.90%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
25) Chloroform	4.41	83	41228	7.297	ug/L	95
31) Carbon tetrachloride	4.85	117	7485	1.836	ug/L	98
33) Benzene	5.13	78	3772579	314.561	ug/L	100
51) Chlorobenzene	8.90	112	5211146	612.130	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	928508	125.083	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	5904132	789.460	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	10163794	1375.279	ug/L	96
68) 1,2,4-trichlorobenzene	13.28	180	1102425	208.921	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	401657	76.366	ug/L	100

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

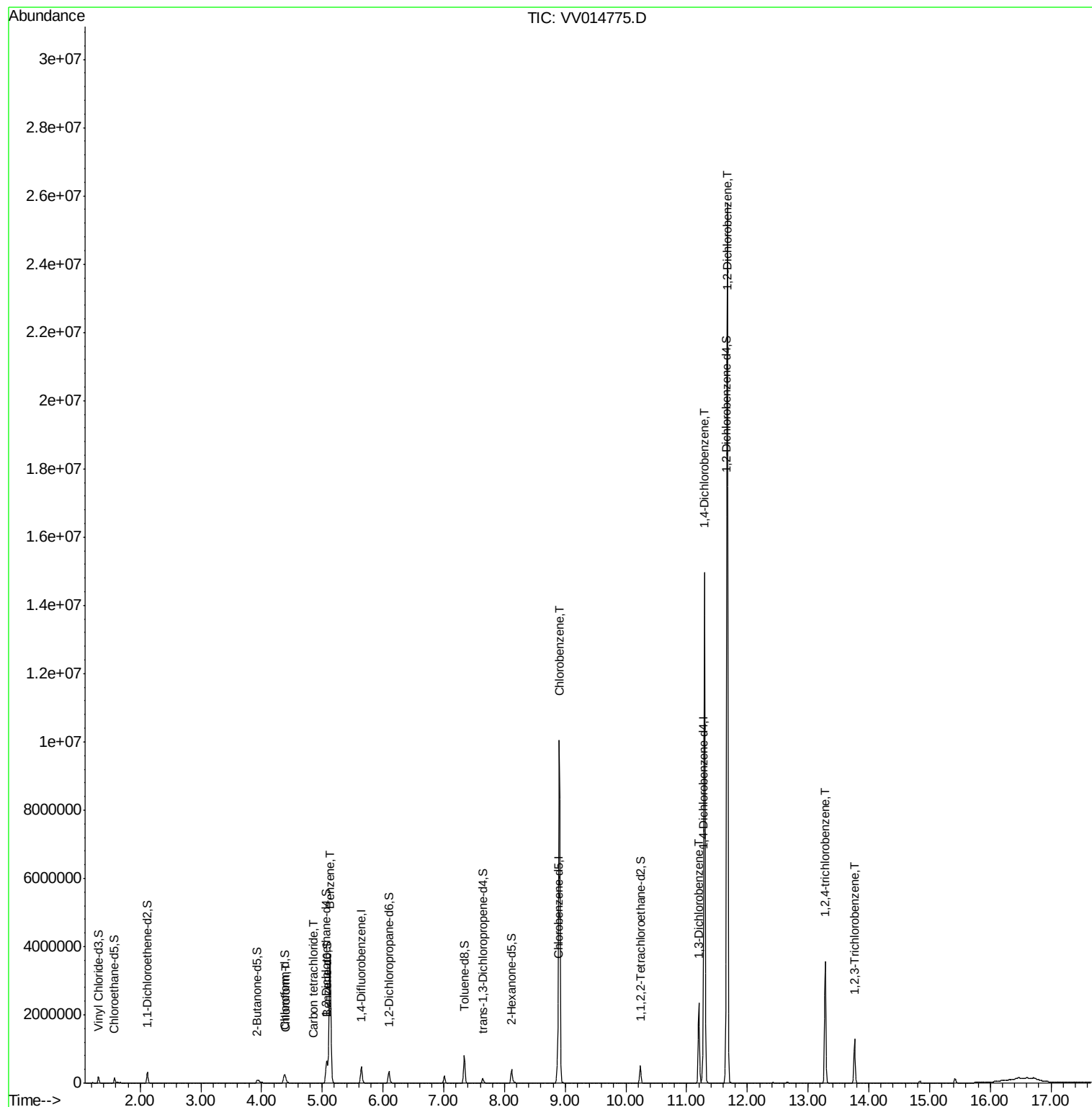
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030920\
Data File : VV014775.D
Acq On : 09 Mar 2020 14:36
Operator : SY/MD
Sample : L1834-17
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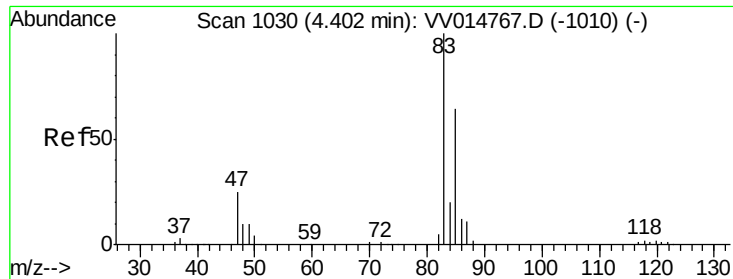
Instrument :
MSVOA_V
ClientSampleId :
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Quant Time: Mar 10 15:43:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 10 14:44:37 2020
Response via : Initial Calibration





#25

Chloroform

Concen: 7.297 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV014775.D

Acq: 09 Mar 2020 14:36

Instrument :

MSVOA_V

ClientSampleId :

C0DL0

Tot Ion: 83 Resp: 41228

Ion Ratio Lower Upper

83 100

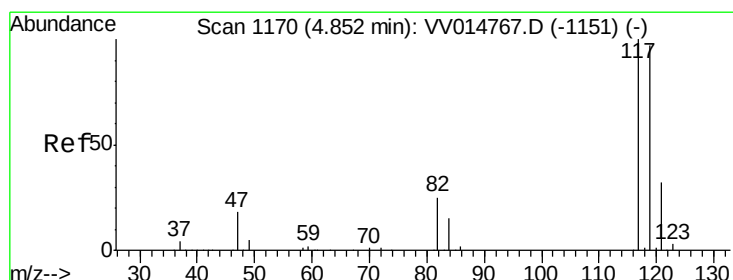
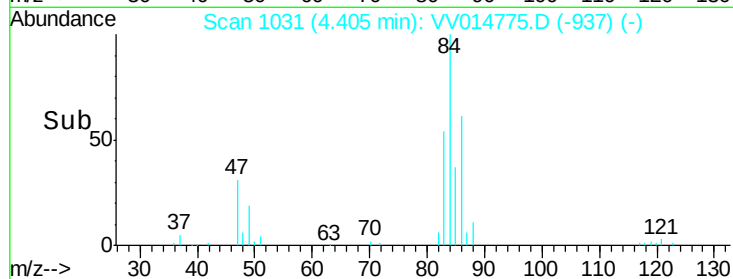
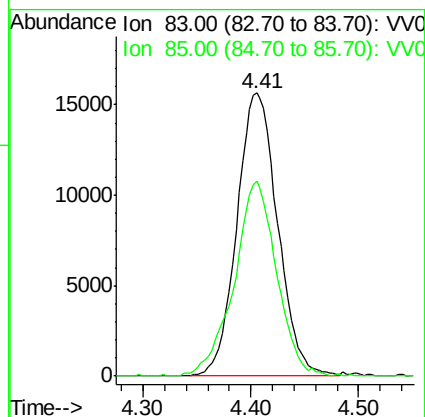
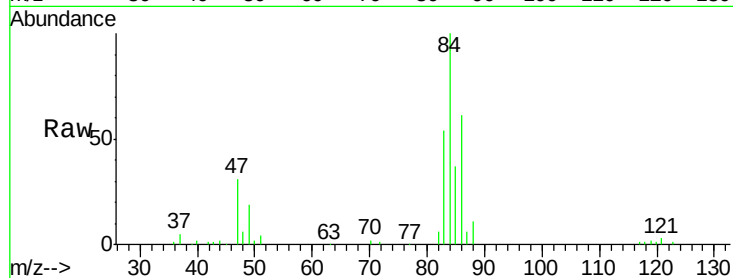
85 68.8 45.1 83.9

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#31

Carbon tetrachloride

Concen: 1.836 ug/L

RT: 4.85 min Scan# 1170

Delta R.T. 0.00 min

Lab File: VV014775.D

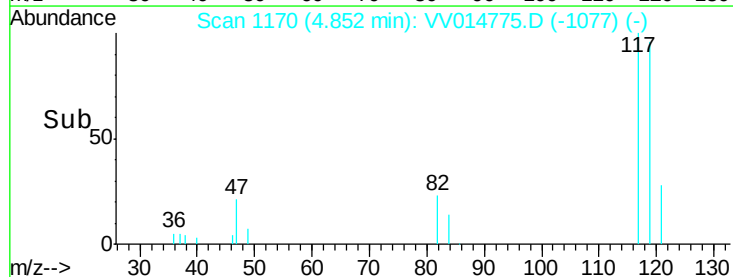
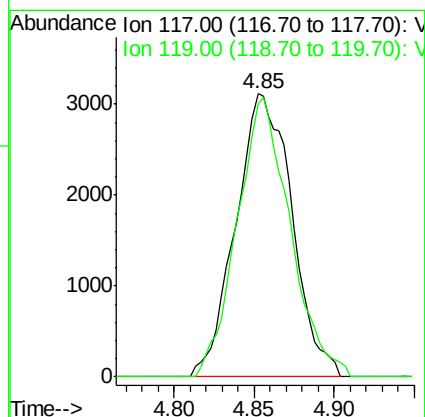
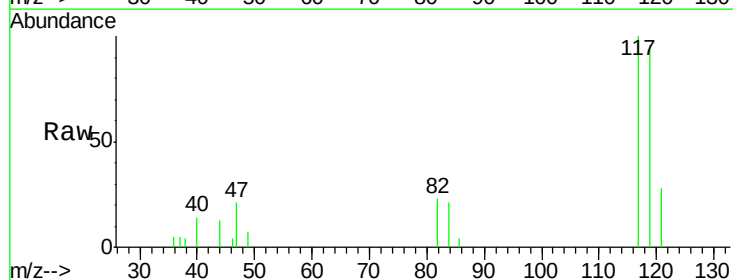
Acq: 09 Mar 2020 14:36

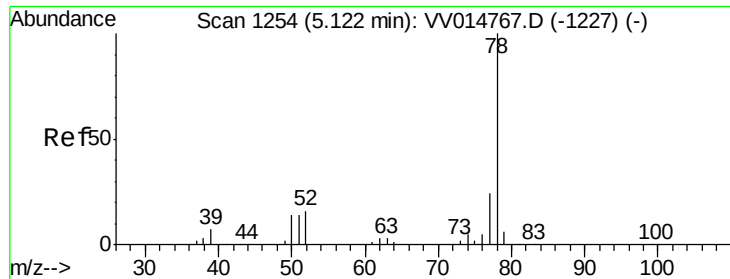
Tgt Ion: 117 Resp: 7485

Ion Ratio Lower Upper

117 100

119 93.2 76.5 114.7





#33

Benzene

Concen: 314.561 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VV014775.D

Acq: 09 Mar 2020 14:36

Instrument :

MSVOA_V

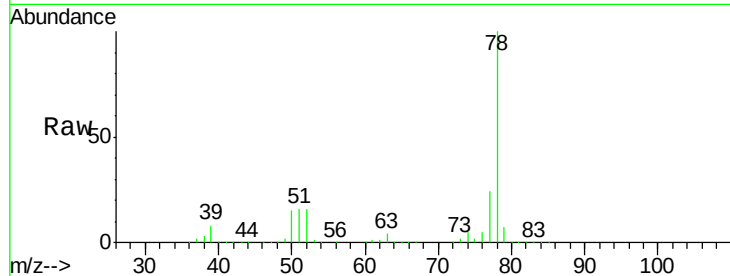
ClientSampleId :

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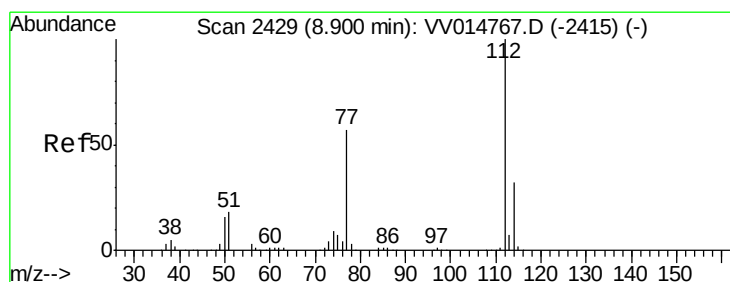
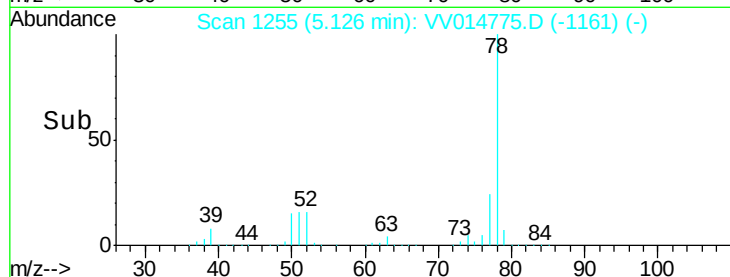
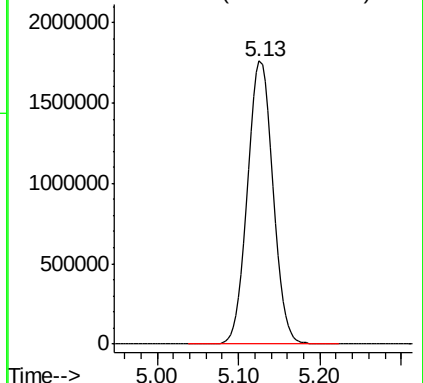
Tgt Ion: 78 Resp: 3772579

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Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 612.130 ug/L

RT: 8.90 min Scan# 2430

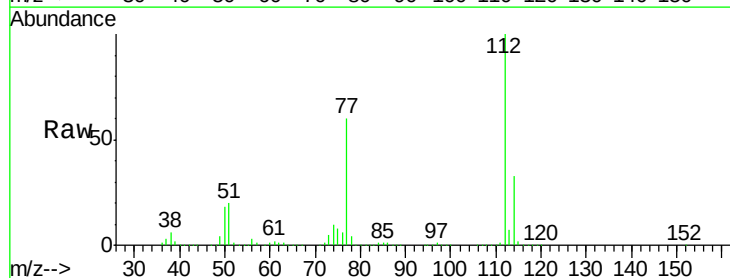
Delta R.T. 0.00 min

Lab File: VV014775.D

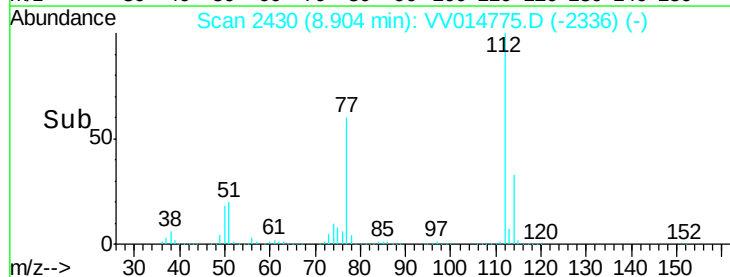
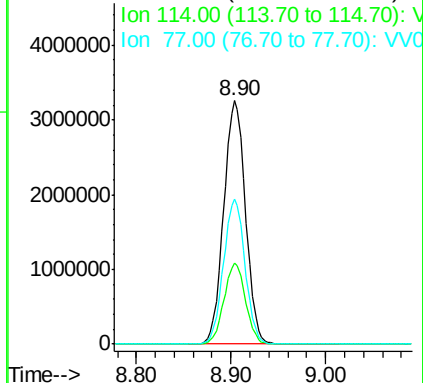
Acq: 09 Mar 2020 14:36

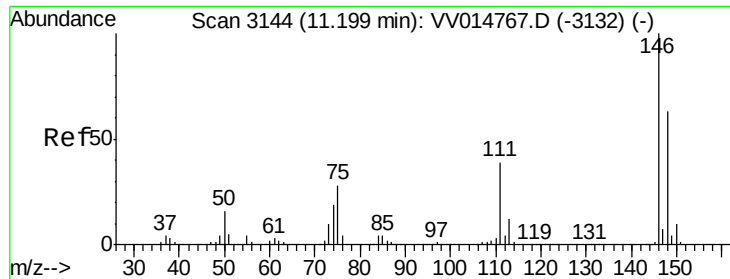
Tgt Ion: 112 Resp: 5211146

Ion	Ratio	Lower	Upper
112	100		
114	33.1	22.1	41.1
77	59.7	47.8	71.8



Abundance Ion 112.00 (111.70 to 112.70): V





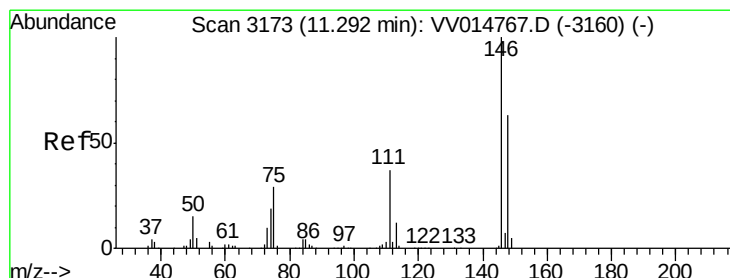
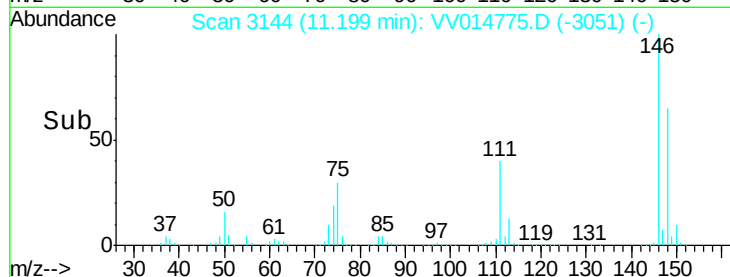
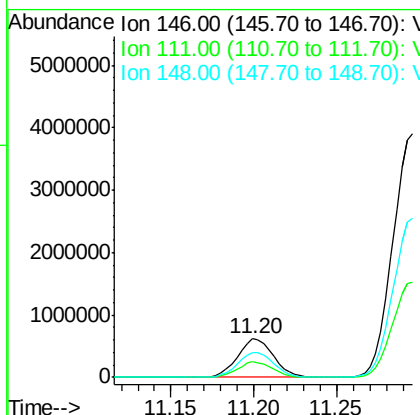
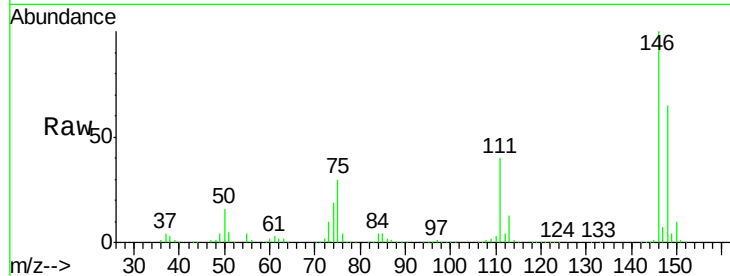
#62
 1,3-Dichlorobenzene
 Concen: 125.083 ug/L
 RT: 11.20 min Scan# 3144
 Delta R.T. 0.00 min
 Lab File: VV014775.D
 Acq: 09 Mar 2020 14:36

Instrument :
 MSVOA_V
 ClientSampled :
 C0DL0

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	27.2	50.4
148	64.9	44.2	82.2

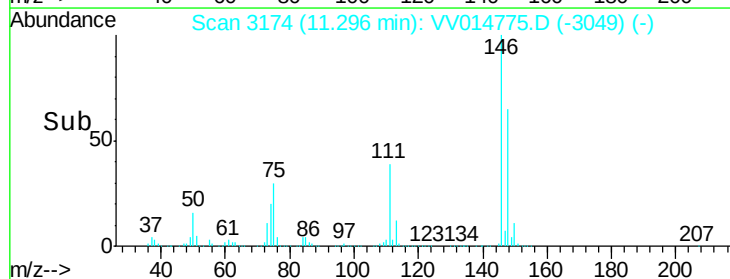
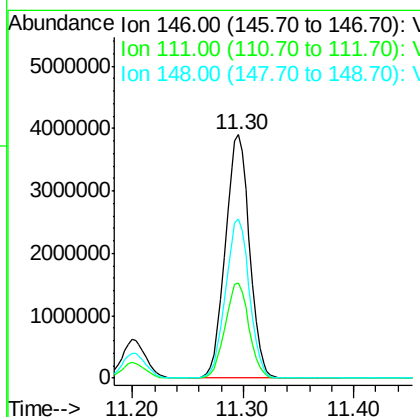
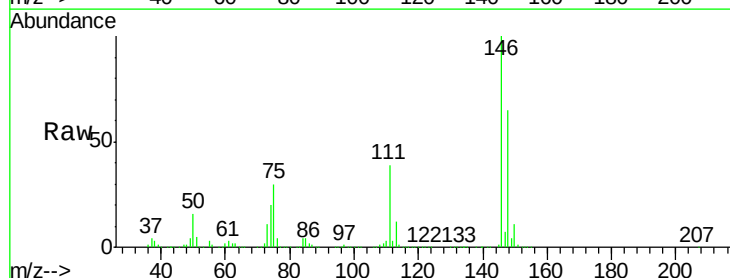
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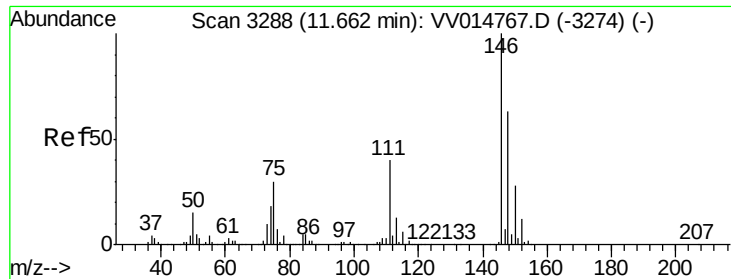
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#63
 1,4-Dichlorobenzene
 Concen: 789.460 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV014775.D
 Acq: 09 Mar 2020 14:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	26.3	48.9
148	65.4	44.0	81.8





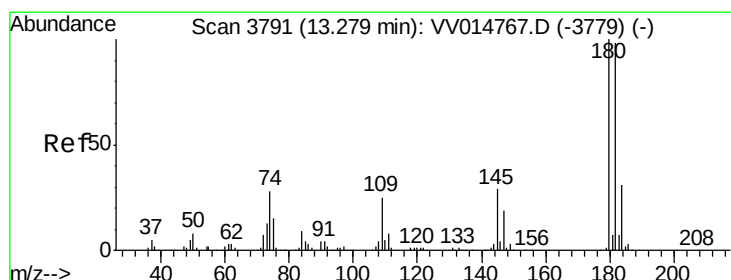
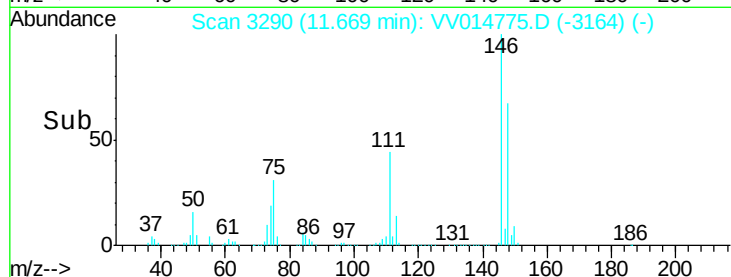
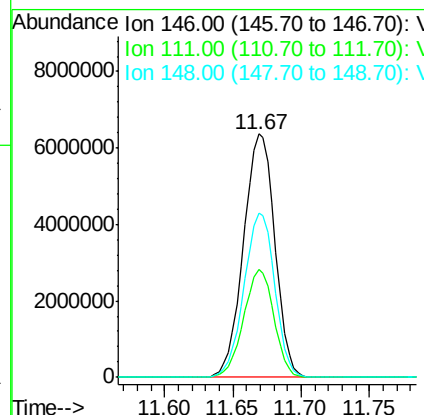
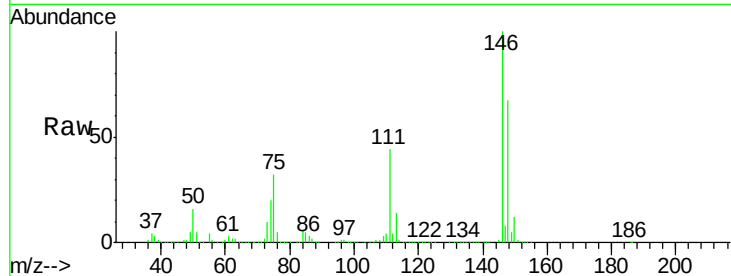
#65
 1,2-Dichlorobenzene
 Concen: 1375.279 ug/L
 RT: 11.67 min Scan# 3290
 Delta R.T. 0.01 min
 Lab File: VV014775.D
 Acq: 09 Mar 2020 14:36

Instrument :
 MSVOA_V
 ClientSampled :
 C0DL0

Tot Ion:146 Resp:10163794
 Ion Ratio Lower Upper
 146 100
 111 44.2 33.9 50.9
 148 67.5 51.4 77.0

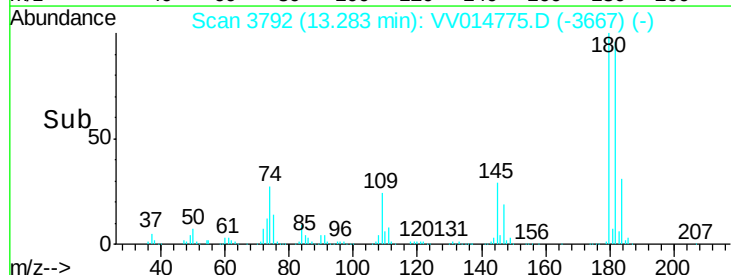
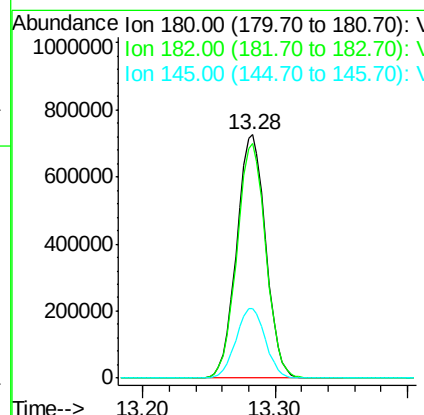
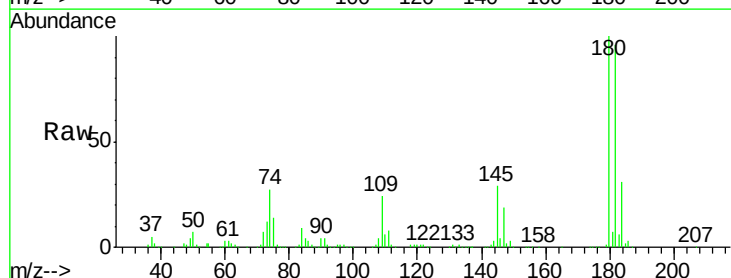
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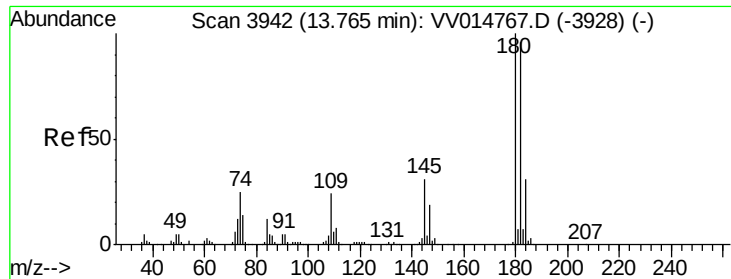
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#68
 1,2,4-trichlorobenzene
 Concen: 208.921 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV014775.D
 Acq: 09 Mar 2020 14:36

Tgt Ion:180 Resp: 1102425
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.6 114.8
 145 28.9 23.4 35.0





#70
 1,2,3-Trichlorobenzene
 Concen: 76.366 ug/L
 RT: 13.77 min Scan# 3942
 Delta R.T. 0.00 min
 Lab File: VV014775.D
 Acq: 09 Mar 2020 14:36

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL0

Tot Ion	Ratio	Resp	Lower	Upper
180	100	401657		
182	95.8		76.5	114.7
145	30.6		25.0	37.4

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