

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030920\
 Data File : VV014776.D
 Acq On : 09 Mar 2020 15:00
 Operator : SY/MD
 Sample : L1834-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL1

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 9:41:15 AM

Quant Time: Mar 10 16:18:53 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	435526	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	437458	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	241403	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	126724	43.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.00%
7) Chloroethane-d5	1.58	69	104257	44.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.48%
11) 1,1-Dichloroethene-d2	2.12	63	163755	33.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.88%
21) 2-Butanone-d5	3.94	46	210147	95.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.60%
24) Chloroform-d	4.38	84	257324	46.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.22%
26) 1,2-Dichloroethane-d4	5.06	65	178592	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
32) Benzene-d6	5.08	84	552812	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.72%
36) 1,2-Dichloropropane-d6	6.10	67	171082	44.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.38%
41) Toluene-d8	7.34	98	532681	47.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.18%
43) trans-1,3-Dichloropropene-	7.64	79	83594	44.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.44%
47) 2-Hexanone-d5	8.12	63	170569	100.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.35%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	239524	45.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	232638	48.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.24%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.22	43	5975m	3.256	ug/L	
25) Chloroform	4.41	83	205609	34.766	ug/L	100
27) 1,2-Dichloroethane	5.13	62	53148	11.595	ug/L #	75
31) Carbon tetrachloride	4.86	117	11913	2.766	ug/L	96
33) Benzene	5.13	78	6032887	476.030	ug/L	100
51) Chlorobenzene	8.90	112	7215577	802.092	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	1764963	226.093	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	7243486	921.001	ug/L	96
65) 1,2-Dichlorobenzene	11.67	146	10700607	1376.835	ug/L	95
68) 1,2,4-trichlorobenzene	13.28	180	1307119	235.552	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	619856	112.066	ug/L	100

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

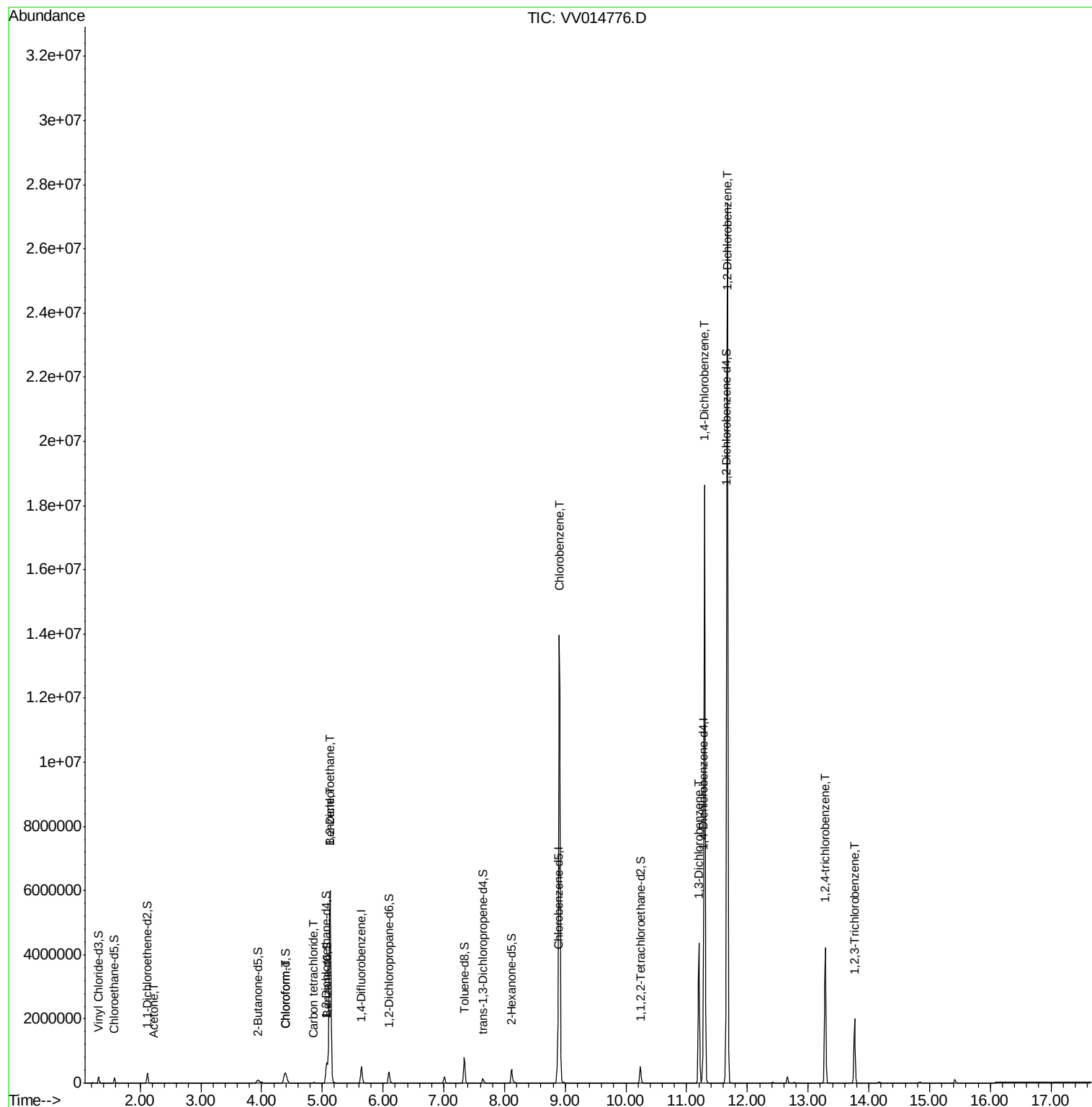
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030920\
Data File : VV014776.D
Acq On : 09 Mar 2020 15:00
Operator : SY/MD
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ALS Vial : 12 Sample Multiplier: 1

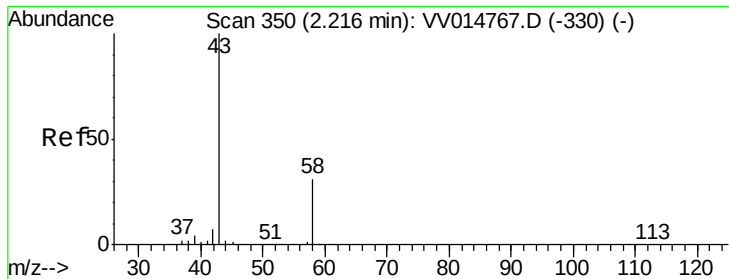
Instrument :
MSVOA_V
ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 10 14:44:37 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.256 ug/L

RT: 2.22 min Scan# 351

Delta R.T. 0.00 min

Lab File: VV014776.D

Acq: 09 Mar 2020 15:00

Instrument :

MSVOA_V

ClientSampleId :

C0DL1

Tot Ion: 43 Resp: 5975

Ion Ratio Lower Upper

43 100

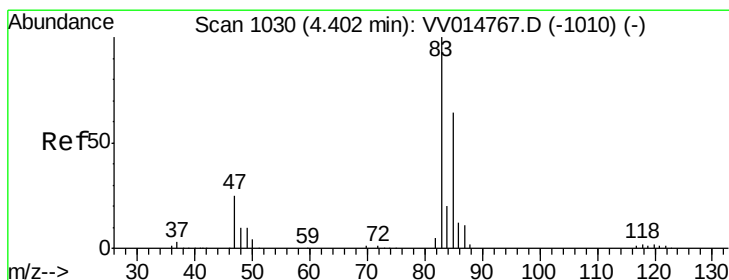
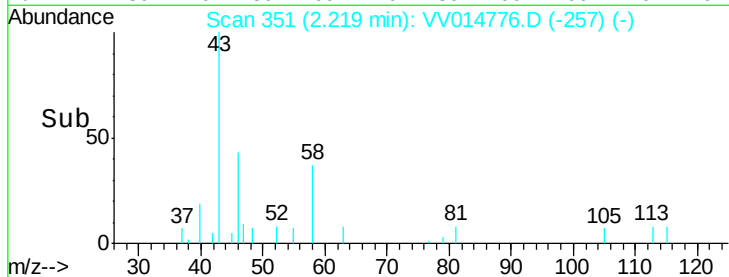
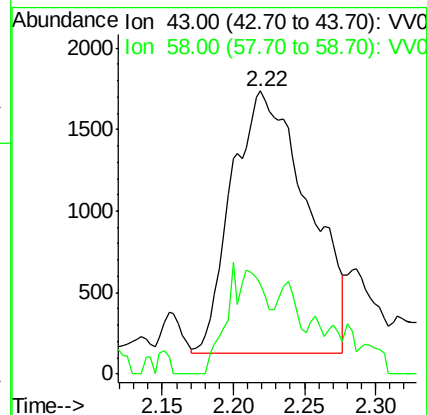
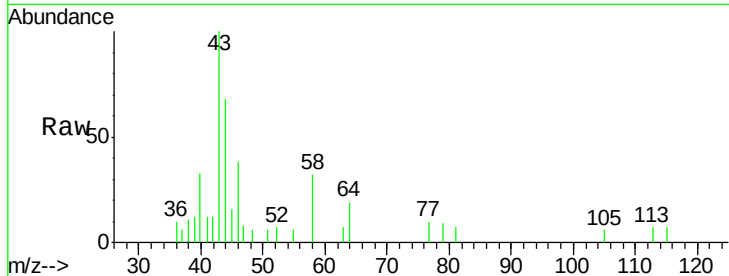
58 7.3 0.0 62.2

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#25

Chloroform

Concen: 34.766 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV014776.D

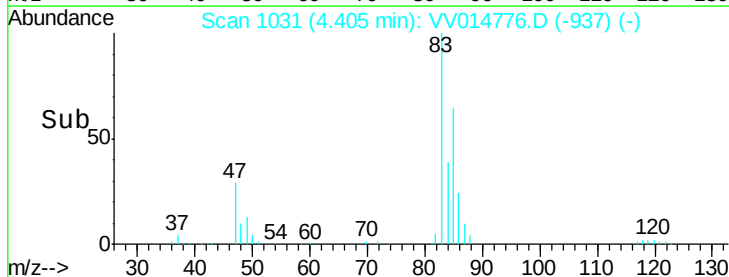
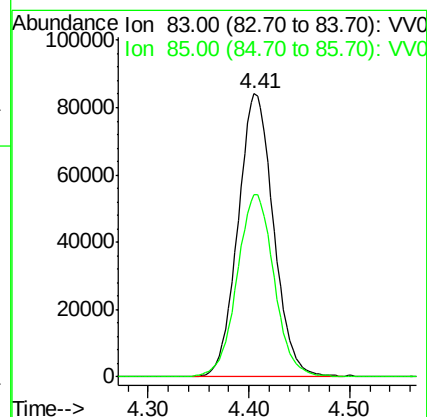
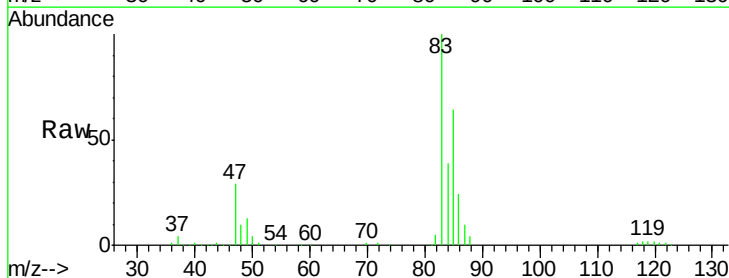
Acq: 09 Mar 2020 15:00

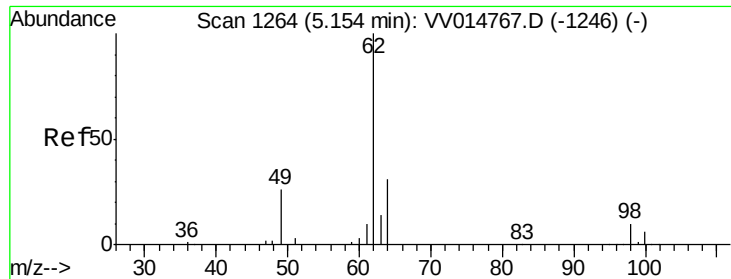
Tgt Ion: 83 Resp: 205609

Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.9





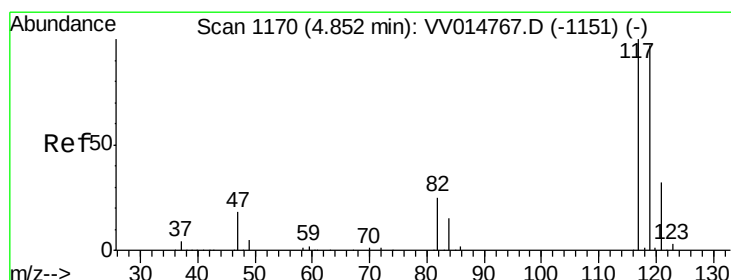
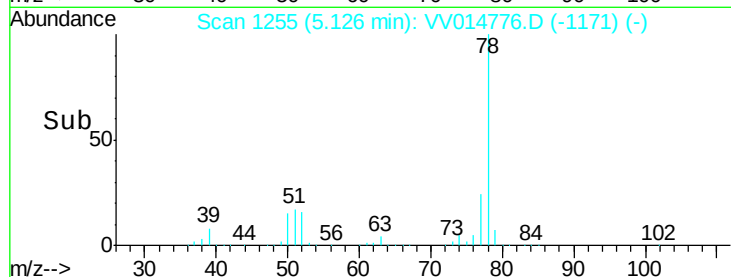
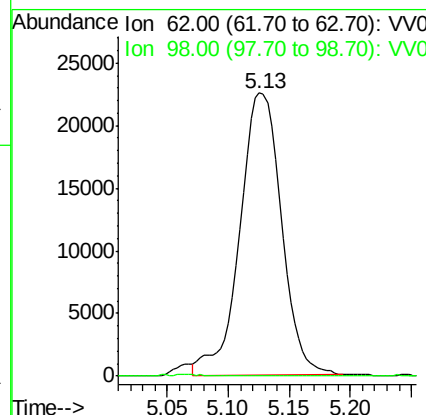
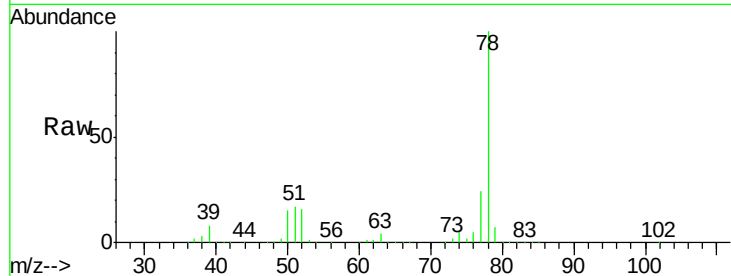
#27
 1,2-Dichloroethane
 Concen: 11.595 ug/L
 RT: 5.13 min Scan# 1255
 Delta R.T. -0.03 min
 Lab File: VV014776.D
 Acq: 09 Mar 2020 15:00

Instrument :
 MSVOA_V
 ClientSampled :
 C0DL1

Tot Ion: 62 Resp: 53148
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#

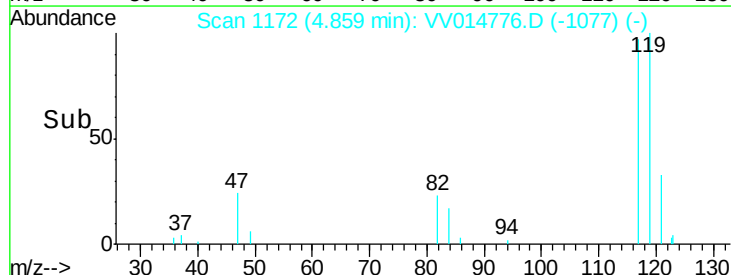
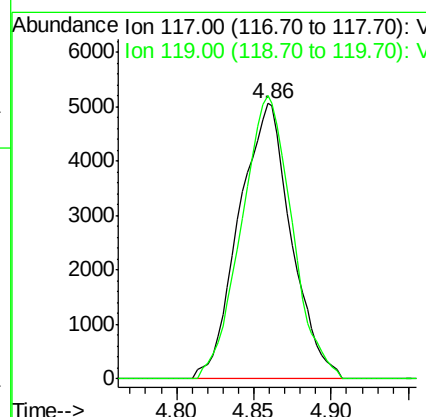
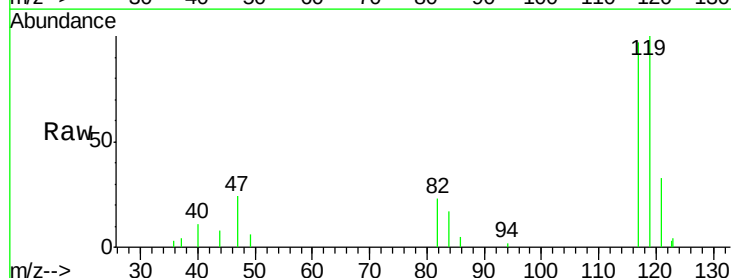
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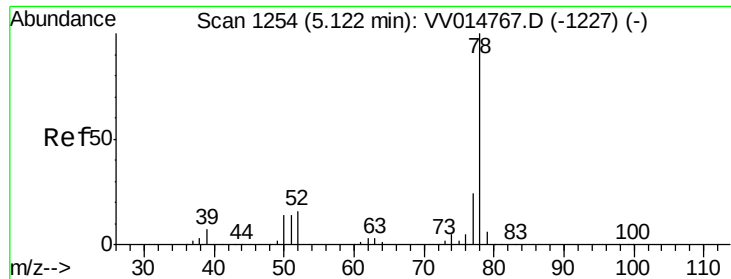
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#31
 Carbon tetrachloride
 Concen: 2.766 ug/L
 RT: 4.86 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: VV014776.D
 Acq: 09 Mar 2020 15:00

Tgt Ion: 117 Resp: 11913
 Ion Ratio Lower Upper
 117 100
 119 99.4 76.5 114.7





#33

Benzene

Concen: 476.030 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VV014776.D

Acq: 09 Mar 2020 15:00

Instrument :

MSVOA_V

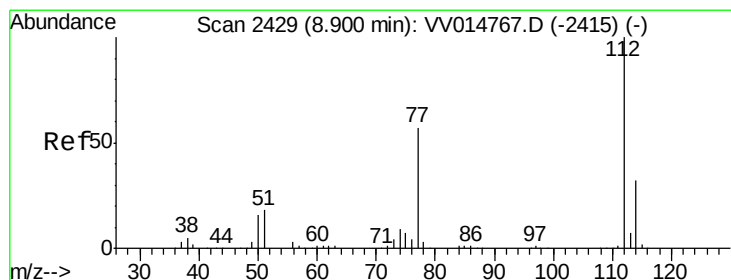
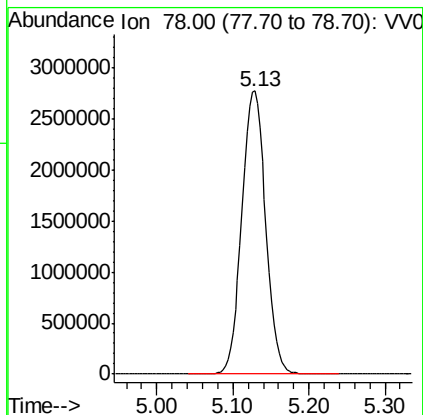
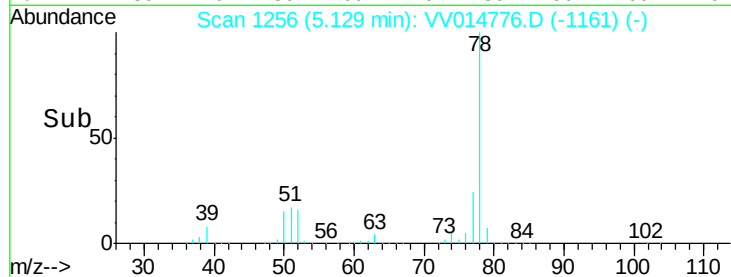
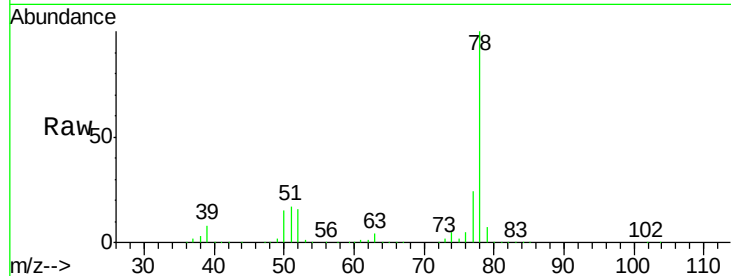
ClientSampleId :

C0DL1

Tgt Ion: 78 Resp: 6032887

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#51

Chlorobenzene

Concen: 802.092 ug/L

RT: 8.90 min Scan# 2430

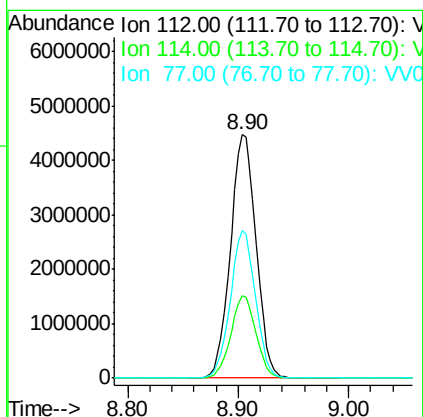
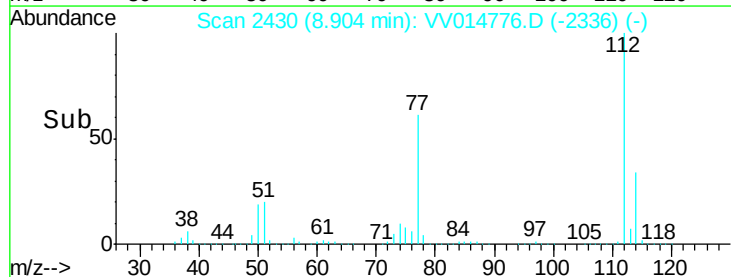
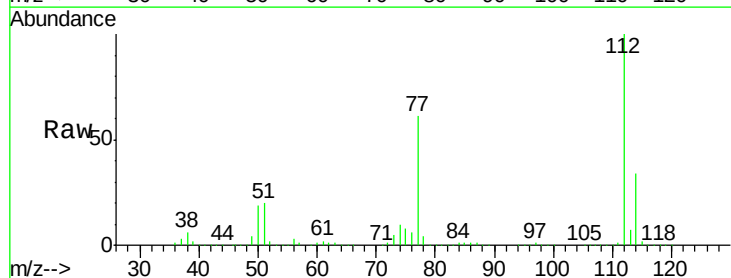
Delta R.T. 0.00 min

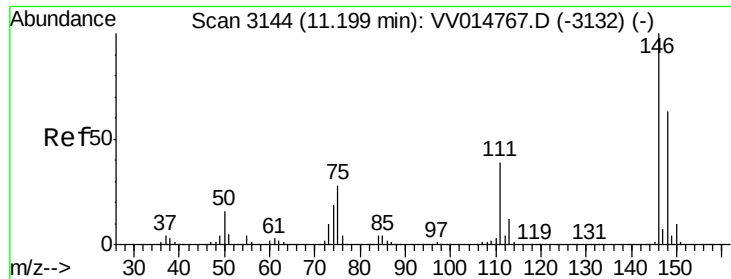
Lab File: VV014776.D

Acq: 09 Mar 2020 15:00

Tgt Ion: 112 Resp: 7215577

Ion	Ratio	Lower	Upper
112	100		
114	33.7	22.1	41.1
77	60.6	47.8	71.8





#62
 1,3-Dichlorobenzene
 Concen: 226.093 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. 0.00 min
 Lab File: VV014776.D
 Acq: 09 Mar 2020 15:00

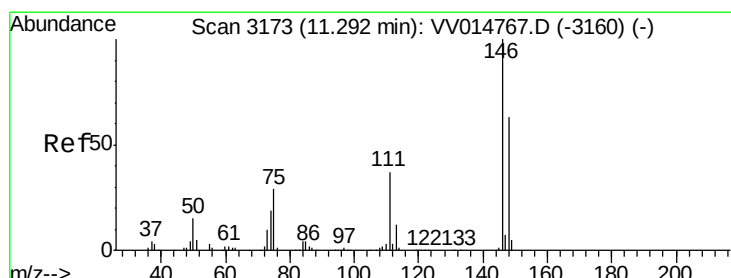
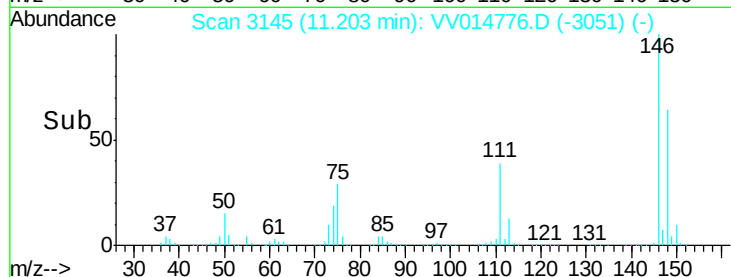
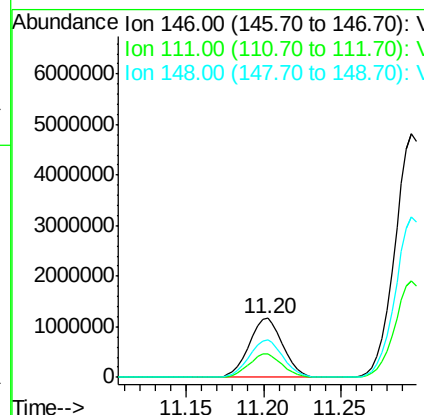
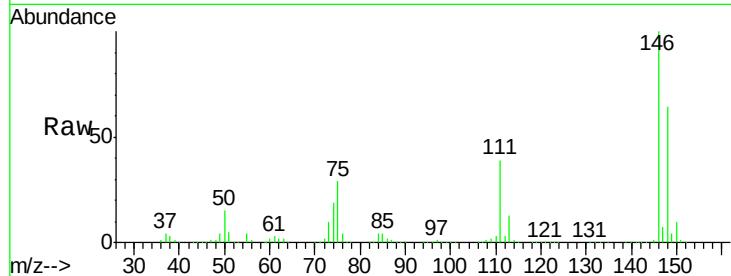
Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL1

Tot Ion:146 Resp: 1764963

Ion	Ratio	Lower	Upper
146	100		
111	39.1	27.2	50.4
148	64.0	44.2	82.2

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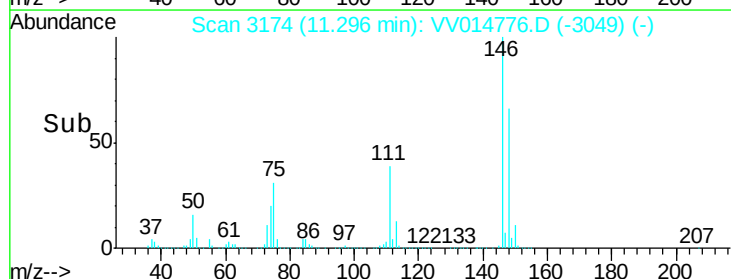
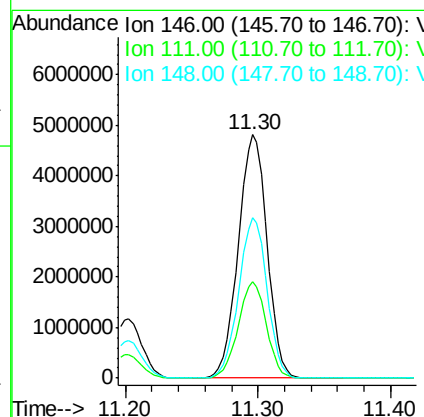
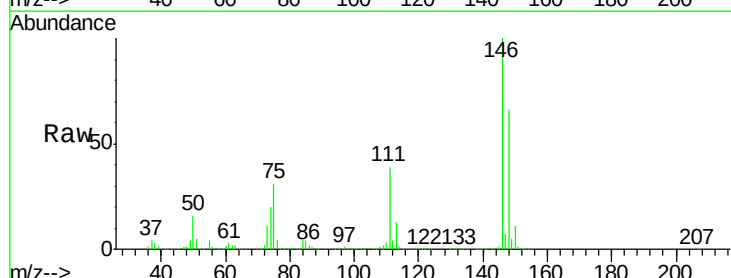
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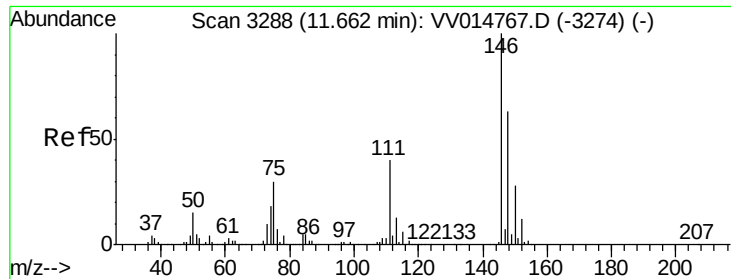


#63
 1,4-Dichlorobenzene
 Concen: 921.001 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV014776.D
 Acq: 09 Mar 2020 15:00

Tgt Ion:146 Resp: 7243486

Ion	Ratio	Lower	Upper
146	100		
111	39.5	26.3	48.9
148	65.8	44.0	81.8





#65
 1,2-Dichlorobenzene
 Concen: 1376.835 ug/L
 RT: 11.67 min Scan# 3290
 Delta R.T. 0.01 min
 Lab File: VV014776.D
 Acq: 09 Mar 2020 15:00

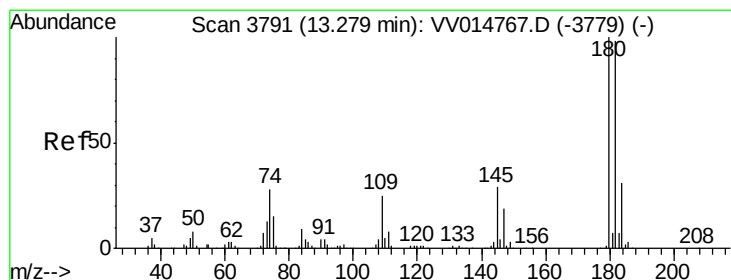
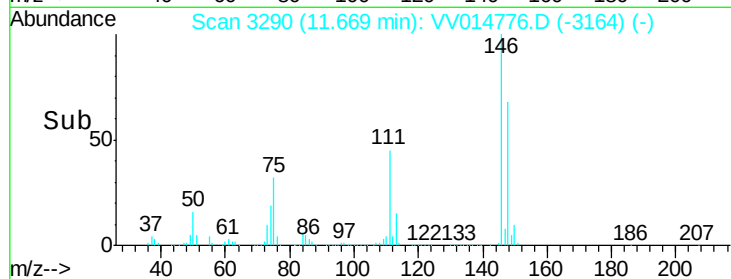
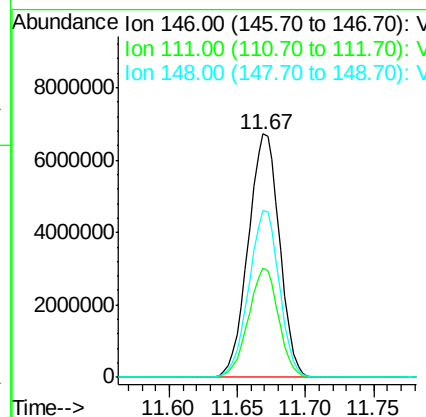
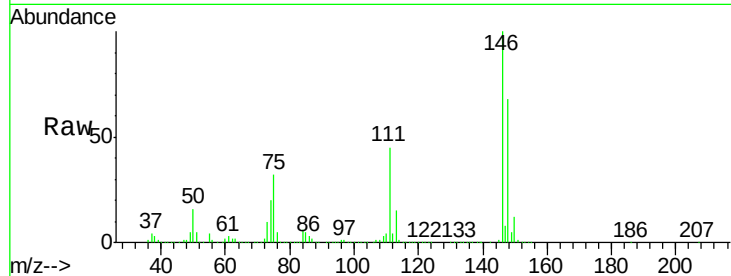
Instrument :
 MSVOA_V
 ClientSampled :
 C0DL1

Tot Ion:146 Resp:10700607

Ion	Ratio	Lower	Upper
146	100		
111	44.6	33.9	50.9
148	68.4	51.4	77.0

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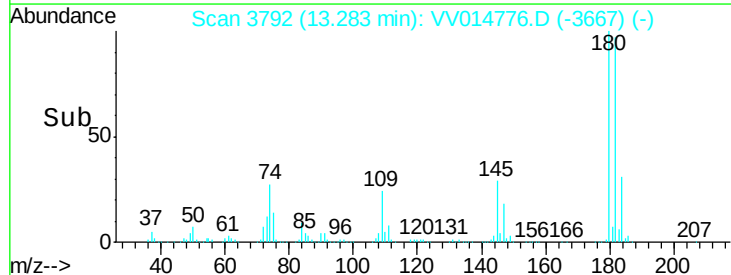
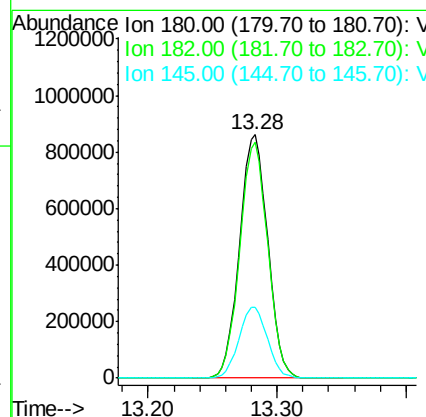
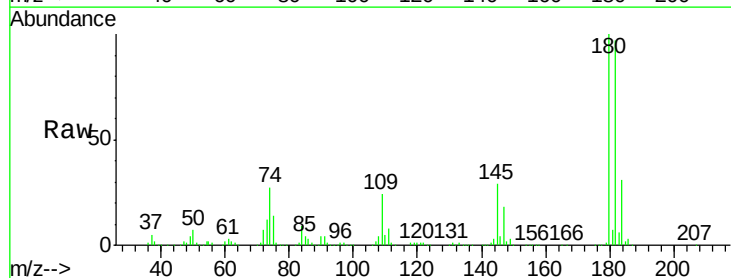
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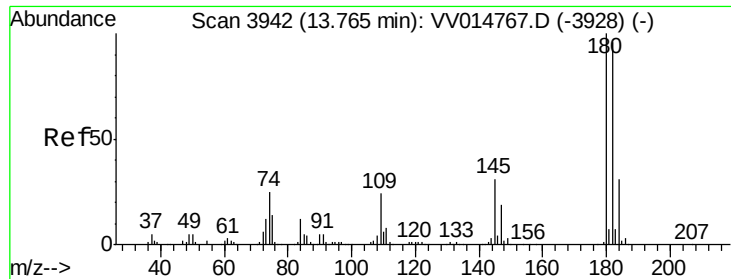


#68
 1,2,4-trichlorobenzene
 Concen: 235.552 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV014776.D
 Acq: 09 Mar 2020 15:00

Tgt Ion:180 Resp: 1307119

Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.6	114.8
145	29.4	23.4	35.0





#70
 1,2,3-Trichlorobenzene
 Concen: 112.066 ug/L
 RT: 13.77 min Scan# 3942
 Delta R.T. 0.00 min
 Lab File: VV014776.D
 Acq: 09 Mar 2020 15:00

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL1

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.5	114.7
145	31.3	25.0	37.4

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 3/11/2020 9:41:15 AM

