

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030920\
 Data File : VV014781.D
 Acq On : 09 Mar 2020 17:00
 Operator : SY/MD
 Sample : L1834-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL3

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 9:41:31 AM

Quant Time: Mar 10 16:45:24 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	368255	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	358637	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	178909	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	132733	53.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.52%
7) Chloroethane-d5	1.58	69	105959	53.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.56%
11) 1,1-Dichloroethene-d2	2.12	63	163811	39.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.12%
21) 2-Butanone-d5	3.94	46	211191	113.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.62%
24) Chloroform-d	4.38	84	261824	55.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.96%
26) 1,2-Dichloroethane-d4	5.06	65	176457	55.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.10%
32) Benzene-d6	5.08	84	552237	58.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.64%
36) 1,2-Dichloropropane-d6	6.10	67	172338	54.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.82%
41) Toluene-d8	7.34	98	522749	56.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.72%
43) trans-1,3-Dichloropropene-	7.64	79	83943	54.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.56%
47) 2-Hexanone-d5	8.12	63	164257	117.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.87%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	238131	55.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	209841	59.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.36%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.23	43	4912m	3.165	ug/L	
25) Chloroform	4.41	83	6974	1.395	ug/L	91
33) Benzene	5.13	78	34468	3.317	ug/L	100
51) Chlorobenzene	8.90	112	56228	7.624	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	19563	3.381	ug/L	97
63) 1,4-Dichlorobenzene	11.29	146	82741	14.195	ug/L	99
65) 1,2-Dichlorobenzene	11.66	146	76314	13.249	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	27250	6.626	ug/L	97
70) 1,2,3-Trichlorobenzene	13.77	180	14275	3.482	ug/L	97

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

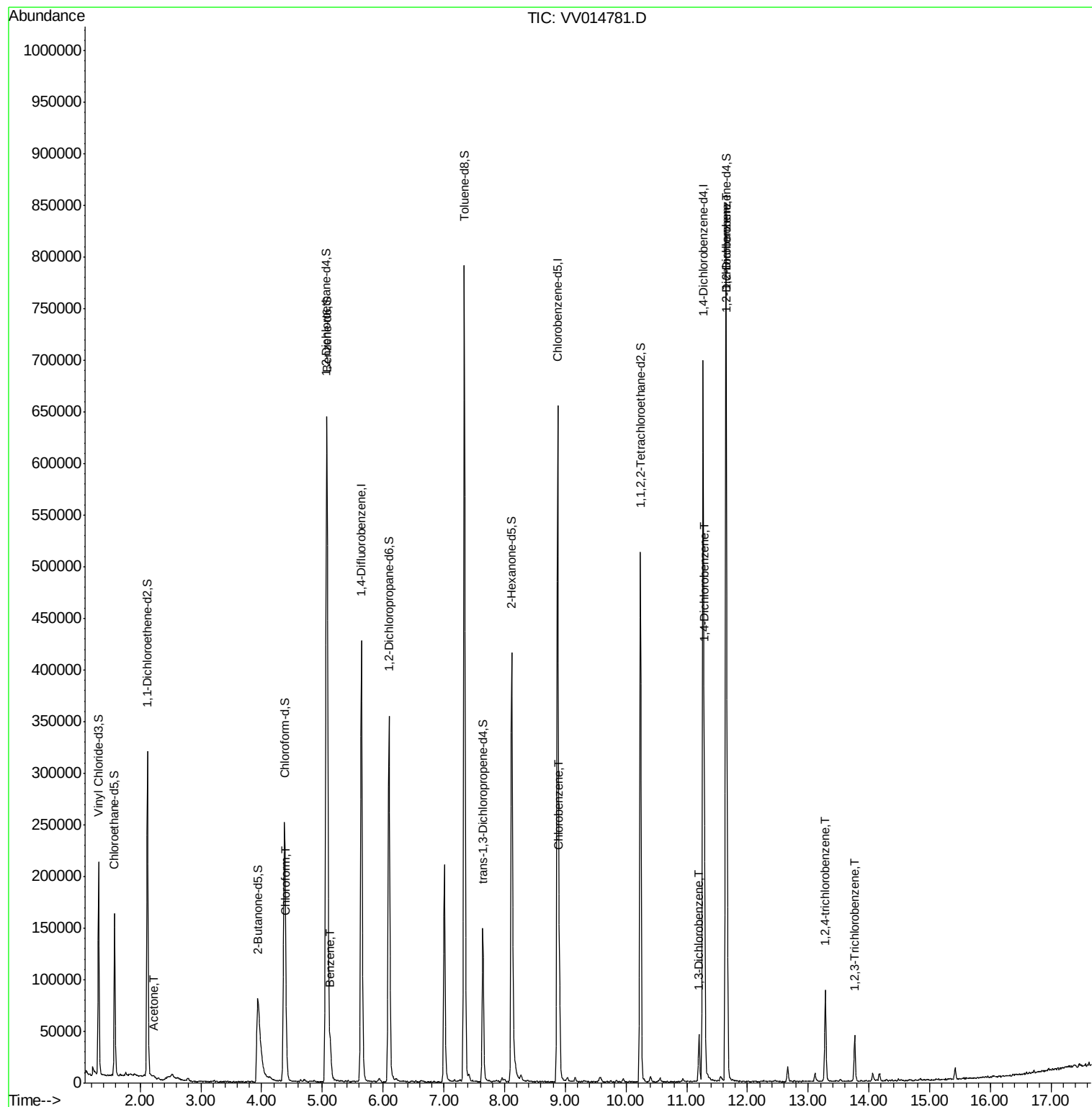
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030920\
Data File : VV014781.D
Acq On : 09 Mar 2020 17:00
Operator : SY/MD
Sample : L1834-20
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ALS Vial : 17 Sample Multiplier: 1

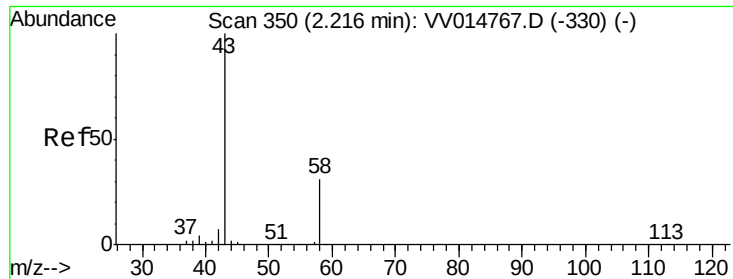
Instrument :
MSVOA_V
ClientSampleId :
C0DL3

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Quant Time: Mar 10 16:45:24 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





#13

Acetone

Concen: 3.165 ug/L m

RT: 2.23 min Scan# 353

Delta R.T. 0.01 min

Lab File: VV014781.D

Acq: 09 Mar 2020 17:00

Instrument :

MSVOA_V

ClientSampled :

C0DL3

Tot Ion: 43 Resp: 4912

Ion Ratio Lower Upper

43 100

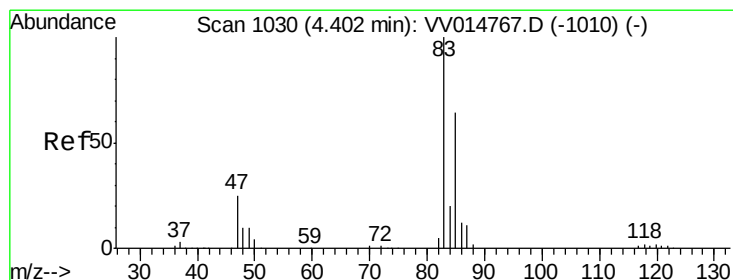
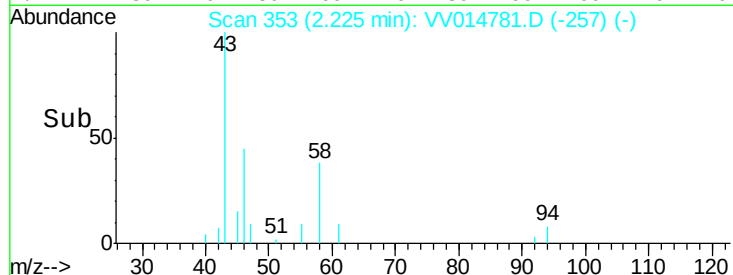
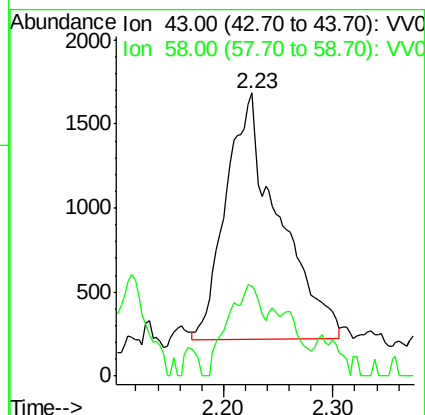
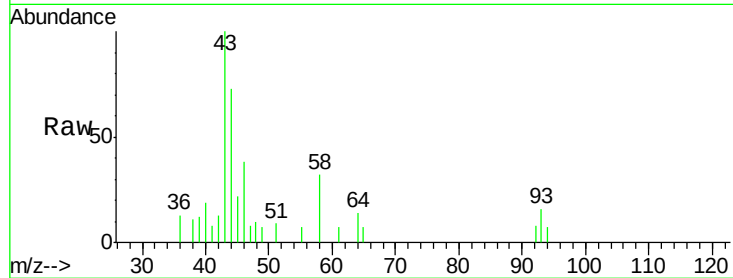
58 4.2 0.0 62.2

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#25

Chloroform

Concen: 1.395 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VV014781.D

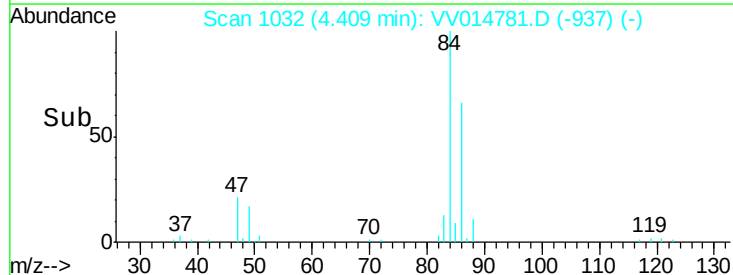
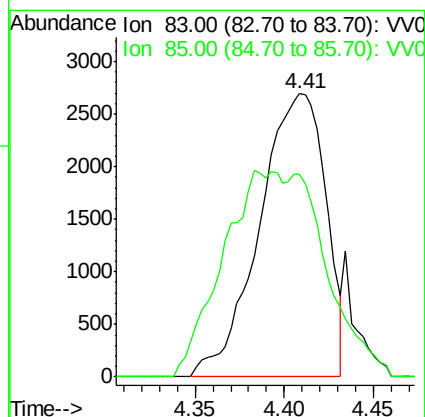
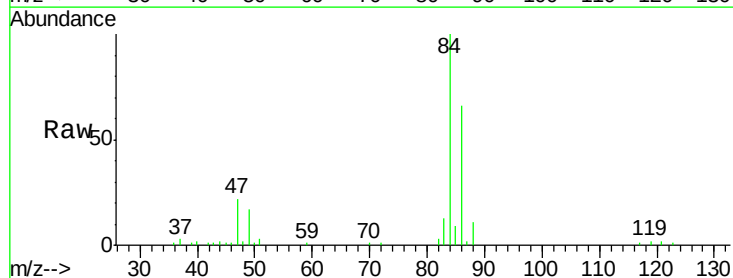
Acq: 09 Mar 2020 17:00

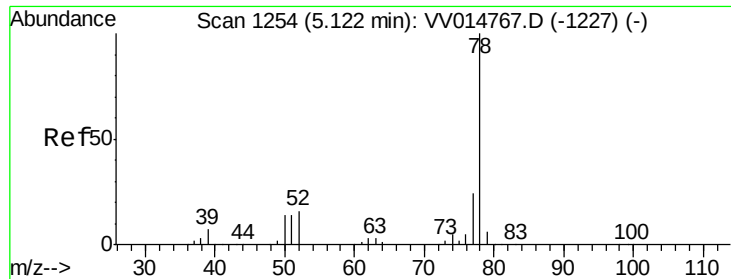
Tgt Ion: 83 Resp: 6974

Ion Ratio Lower Upper

83 100

85 71.6 45.1 83.9





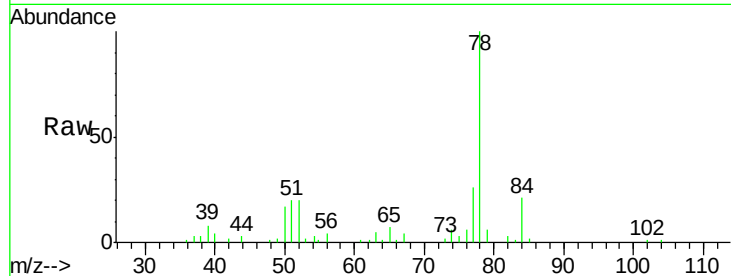
#33
Benzene
Concen: 3.317 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV014781.D
Acq: 09 Mar 2020 17:00

Instrument :
MSVOA_V
ClientSampleId :
C0DL3

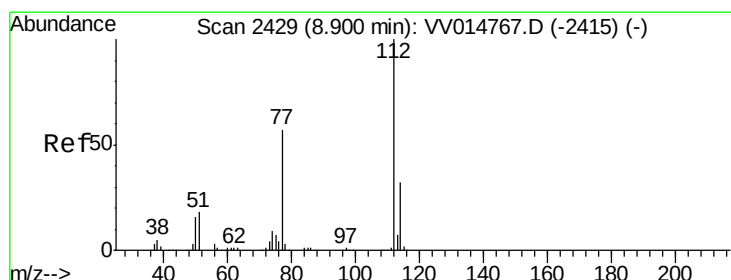
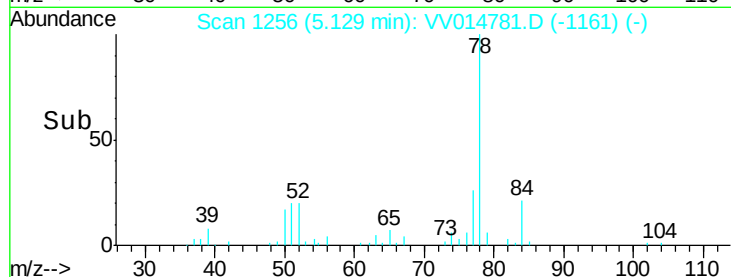
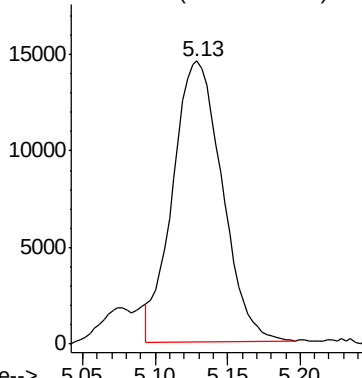
Tgt Ion: 78 Resp: 34468

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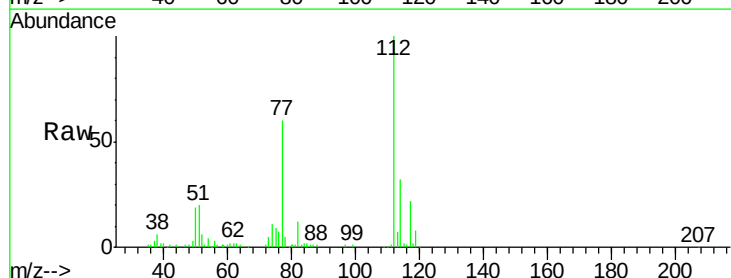


Abundance Ion 78.00 (77.70 to 78.70): VV0

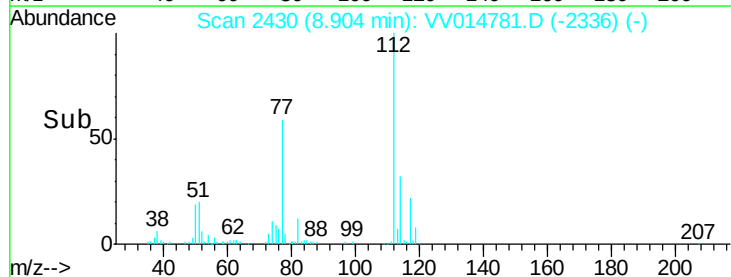
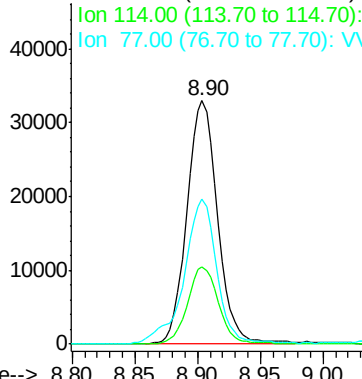


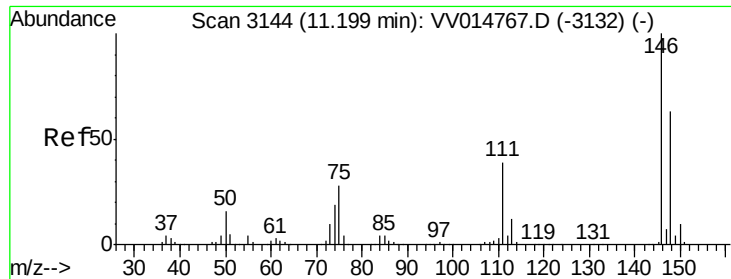
#51
Chlorobenzene
Concen: 7.624 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV014781.D
Acq: 09 Mar 2020 17:00

Tgt Ion: 112 Resp: 56228
Ion Ratio Lower Upper
112 100
114 31.5 22.1 41.1
77 59.8 47.8 71.8



Abundance Ion 112.00 (111.70 to 112.70): V





#62

1,3-Dichlorobenzene

Concen: 3.381 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV014781.D

Acq: 09 Mar 2020 17:00

Instrument :

MSVOA_V

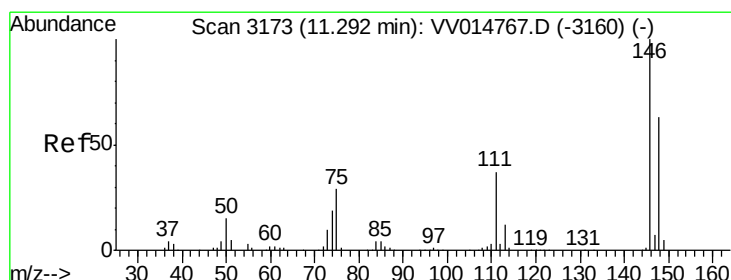
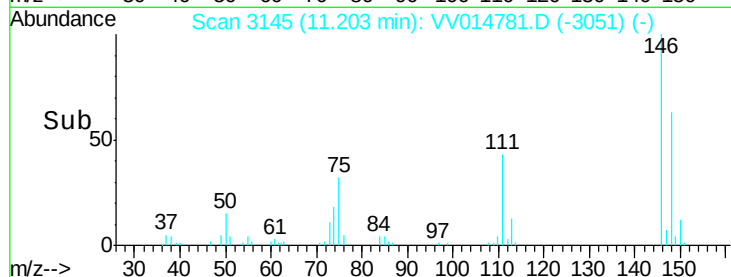
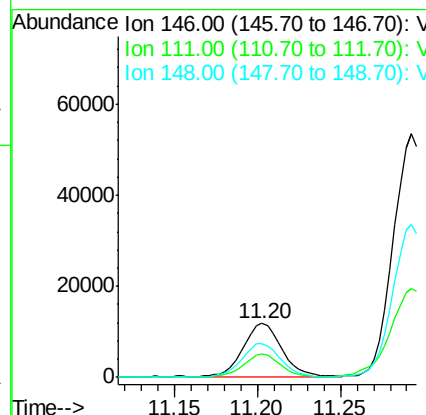
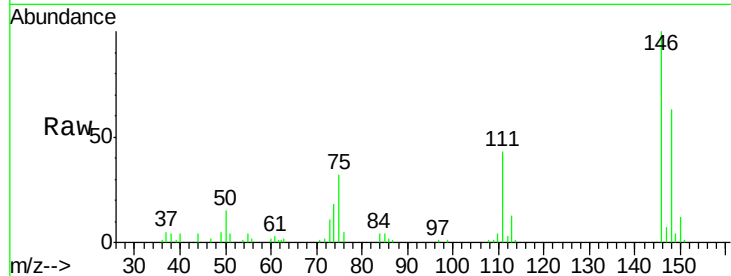
ClientSampleId :

C0DL3

Tot Ion:	146	Resp:	19563
Ion Ratio	Lower	Upper	
146	100		
111	42.9	27.2	50.4
148	63.1	44.2	82.2

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#63

1,4-Dichlorobenzene

Concen: 14.195 ug/L

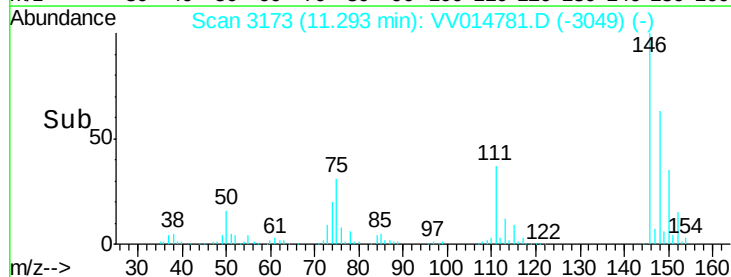
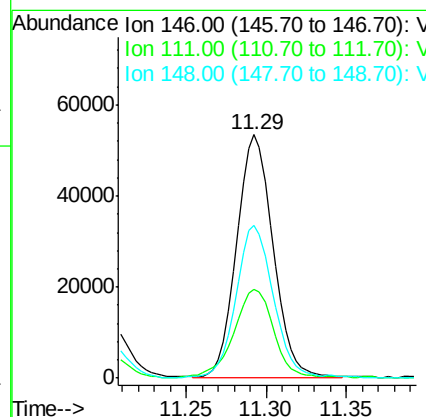
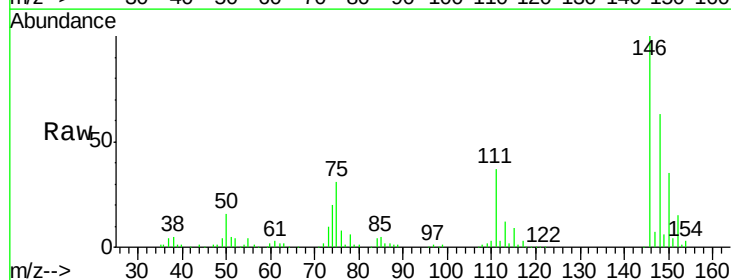
RT: 11.29 min Scan# 3173

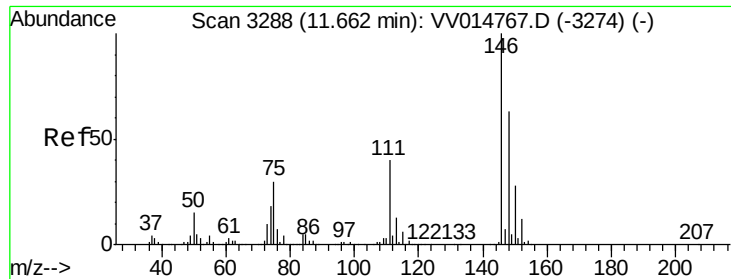
Delta R.T. 0.00 min

Lab File: VV014781.D

Acq: 09 Mar 2020 17:00

Tgt Ion:	146	Resp:	82741
Ion Ratio	Lower	Upper	
146	100		
111	36.6	26.3	48.9
148	62.9	44.0	81.8





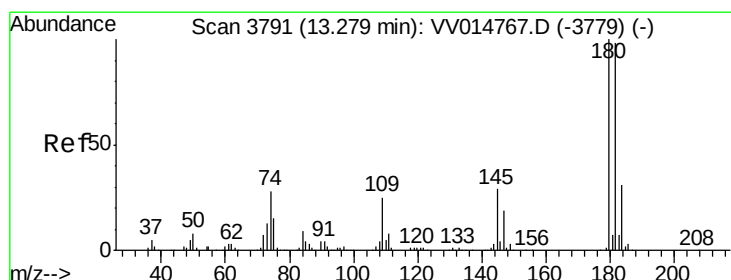
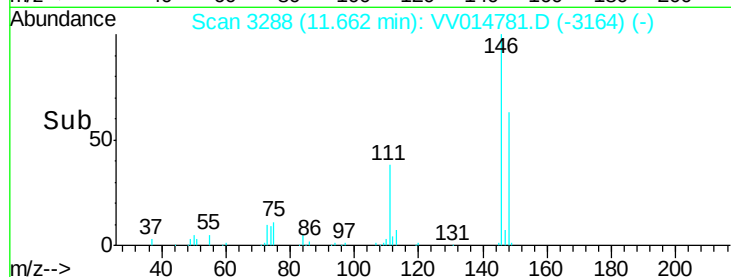
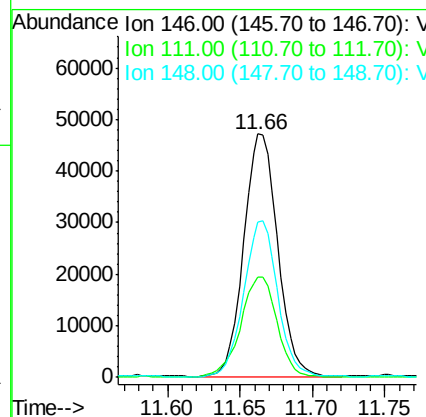
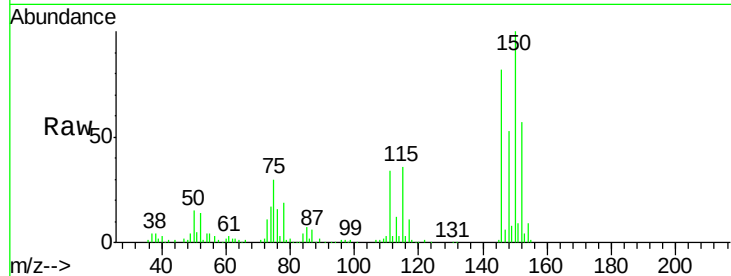
#65
 1,2-Dichlorobenzene
 Concen: 13.249 ug/L
 RT: 11.66 min Scan# 3288
 Delta R.T. 0.00 min
 Lab File: VV014781.D
 Acq: 09 Mar 2020 17:00

Instrument :
 MSVOA_V
 ClientSampled :
 C0DL3

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	33.9	50.9
148	63.7	51.4	77.0

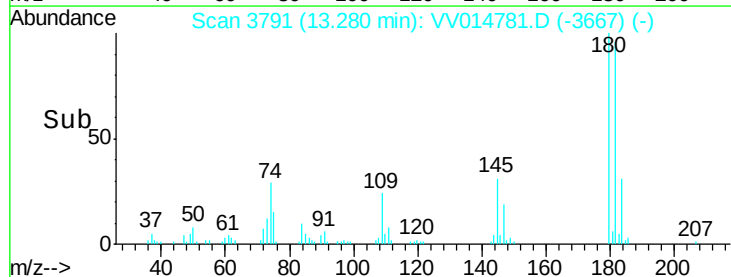
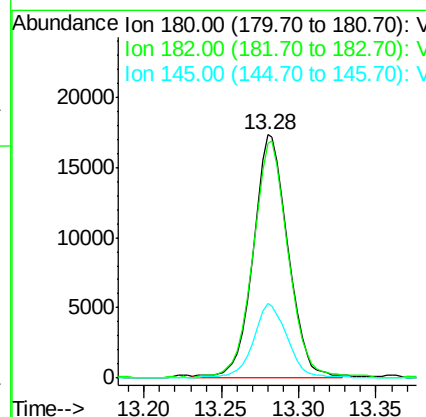
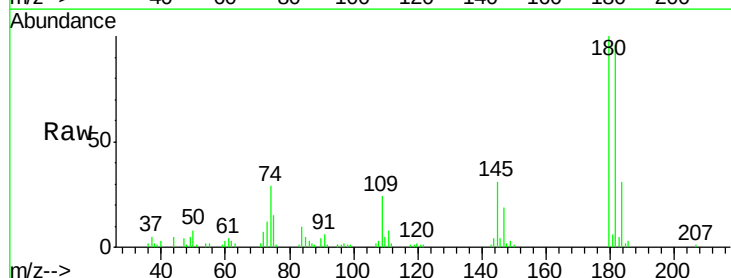
Manual Integrations
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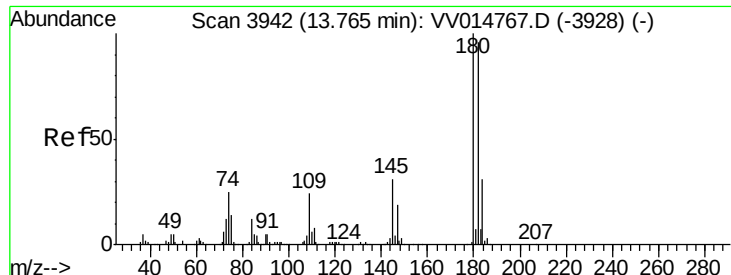
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#68
 1,2,4-trichlorobenzene
 Concen: 6.626 ug/L
 RT: 13.28 min Scan# 3791
 Delta R.T. 0.00 min
 Lab File: VV014781.D
 Acq: 09 Mar 2020 17:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.2	76.6	114.8
145	30.1	23.4	35.0





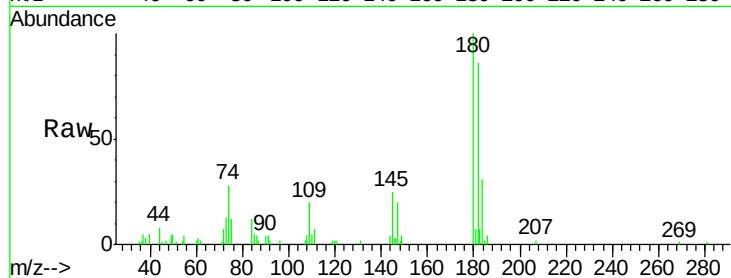
#70
 1,2,3-Trichlorobenzene
 Concen: 3.482 ug/L
 RT: 13.77 min Scan# 3942
 Delta R.T. 0.00 min
 Lab File: VV014781.D
 Acq: 09 Mar 2020 17:00

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
180	100		14275		
182	92.5	76.5	114.7		
145	30.6	25.0	37.4		

Manual Integrations
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 3/11/2020 9:41:31 AM



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

