

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081720\
 Data File : VV018028.D
 Acq On : 17 Aug 2020 15:59
 Operator : SY/MD
 Sample : L3684-05 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0F94

Manual Integrations
 APPROVED

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 8/18/2020 2:01:56 PM

Quant Time: Aug 18 02:45:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 01:23:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	282325	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	279690	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	146174	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	90225	41.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.78%
7) Chloroethane-d5	1.58	69	79319	45.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.02%
11) 1,1-Dichloroethene-d2	2.12	63	135598	32.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.82%
21) 2-Butanone-d5	3.91	46	119304	84.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.56%
24) Chloroform-d	4.38	84	167357	42.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.36%
26) 1,2-Dichloroethane-d4	5.06	65	115856	45.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.98%
32) Benzene-d6	5.07	84	337868	43.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.66%
36) 1,2-Dichloropropane-d6	6.09	67	110451	43.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.66%
41) Toluene-d8	7.34	98	296721	42.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.62%
43) trans-1,3-Dichloropropene-	7.64	79	49657	43.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.90%
47) 2-Hexanone-d5	8.11	63	67272	83.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.19%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	138212	42.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.24%
64) 1,2-Dichlorobenzene-d4	11.65	152	130473m	45.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.70%

Target Compounds

					Ovalue
25) Chloroform	4.41	83	10168	2.547 ug/L	97
31) Carbon tetrachloride	4.86	117	2453	0.860 ug/L	93
33) Benzene	5.13	78	548516	63.389 ug/L	100
51) Chlorobenzene	8.90	112	2410707	415.120 ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	119948	25.805 ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	952386	199.450 ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	1216328	254.232 ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	188151	60.607 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	48973	15.512 ug/L	99

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

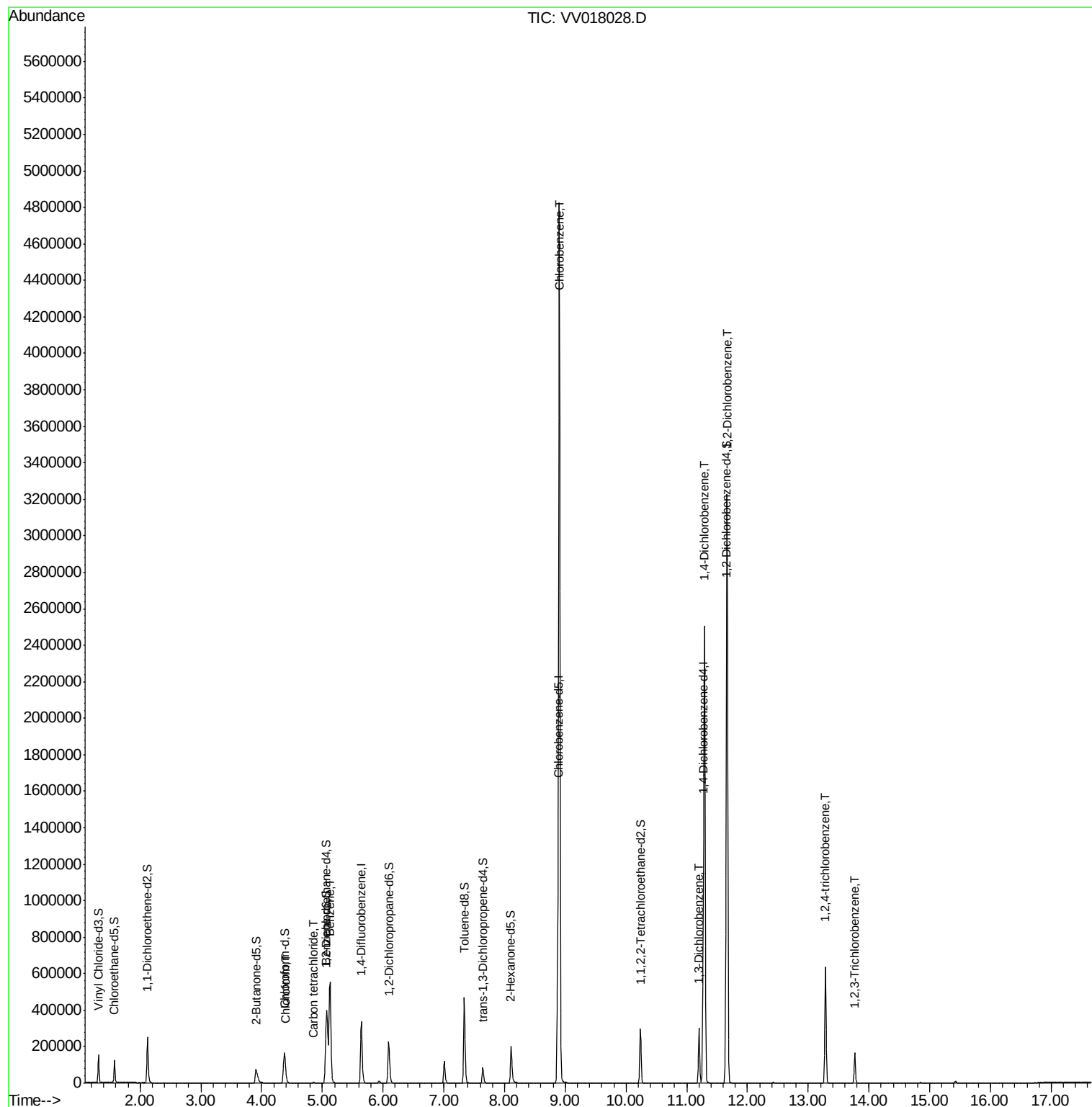
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081720\
Data File : VV018028.D
Acq On : 17 Aug 2020 15:59
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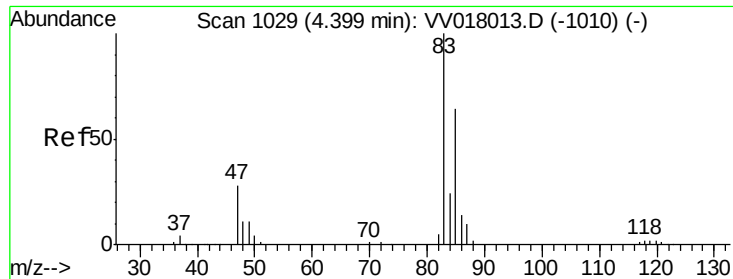
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
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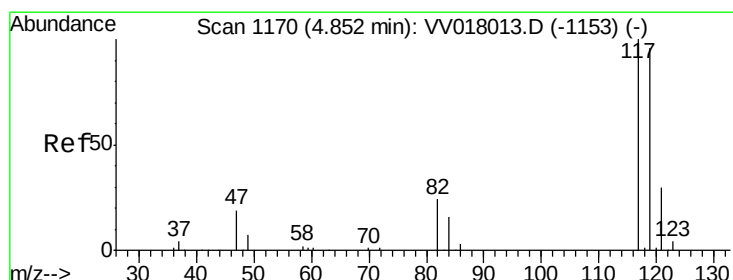
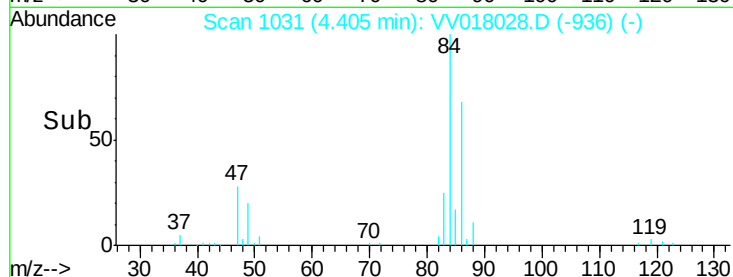
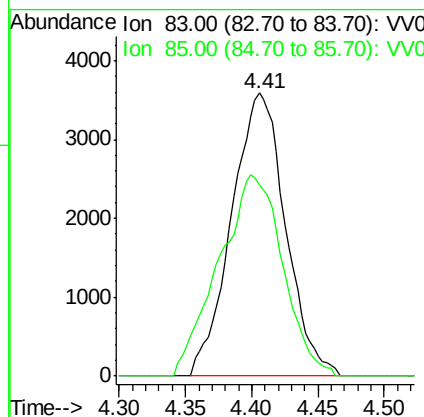
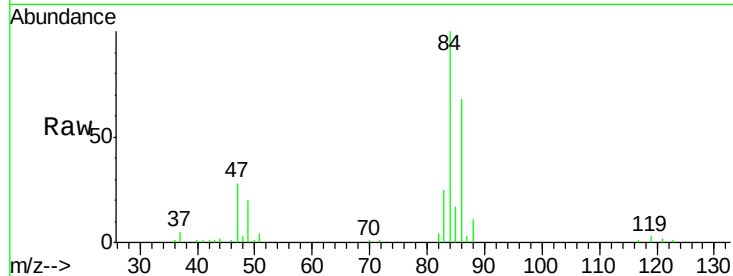
#25
Chloroform
Concen: 2.547 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV018028.D
Acq: 17 Aug 2020 15:59

Instrument :
MSVOA_V
ClientSampled :
C0F94

Tot Ion: 83 Resp: 10168
Ion Ratio Lower Upper
83 100
85 67.6 45.5 84.5

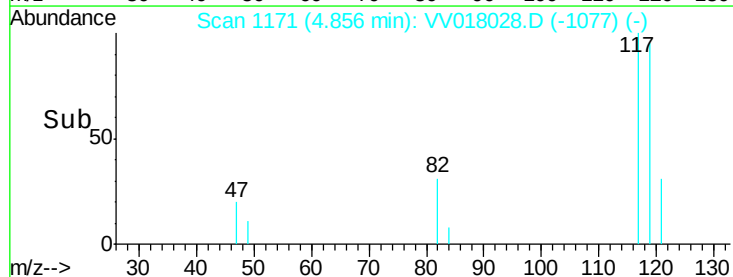
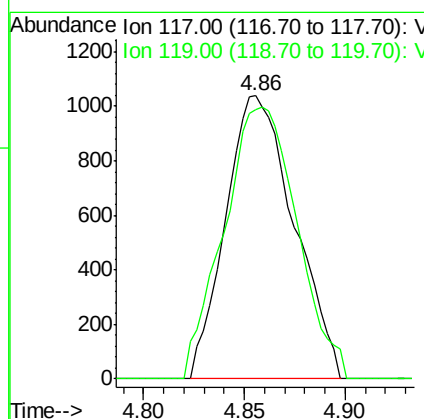
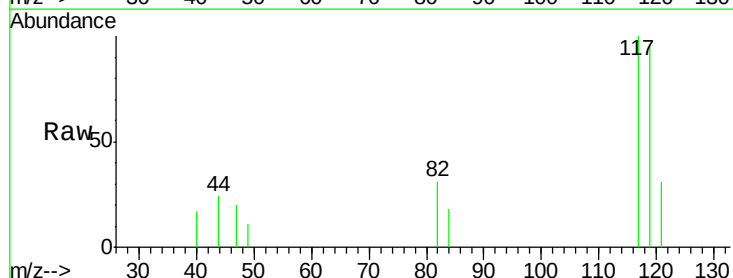
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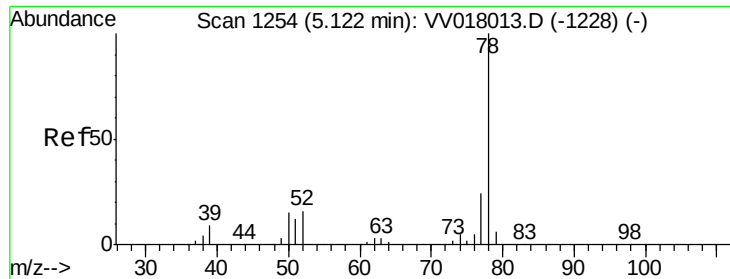
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#31
Carbon tetrachloride
Concen: 0.860 ug/L
RT: 4.86 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VV018028.D
Acq: 17 Aug 2020 15:59

Tgt Ion: 117 Resp: 2453
Ion Ratio Lower Upper
117 100
119 102.8 77.0 115.6





#33

Benzene

Concen: 63.389 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VV018028.D

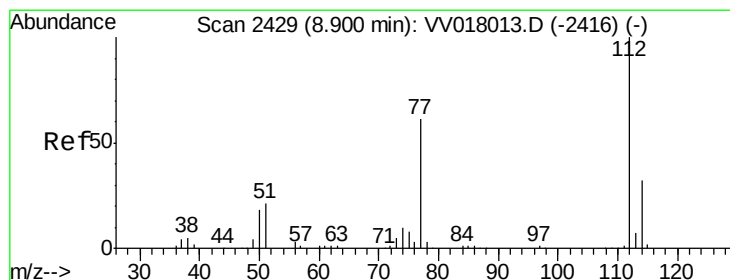
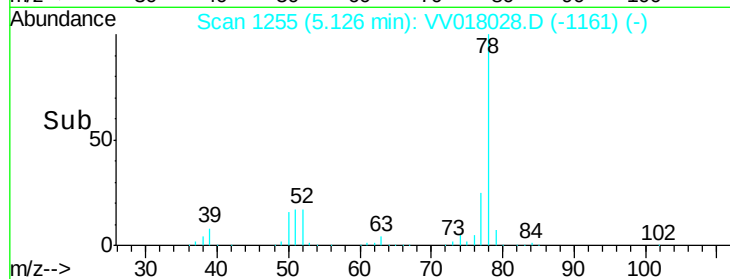
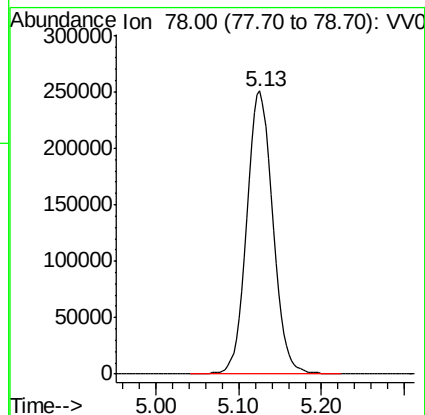
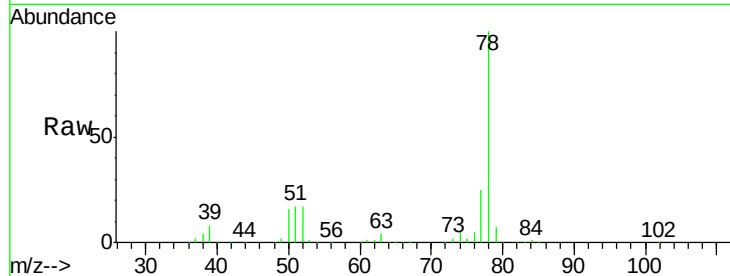
Acq: 17 Aug 2020 15:59

Instrument :
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ClientSampleId :
C0F94

Tgt Ion: 78 Resp: 548516

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#51

Chlorobenzene

Concen: 415.120 ug/L

RT: 8.90 min Scan# 2430

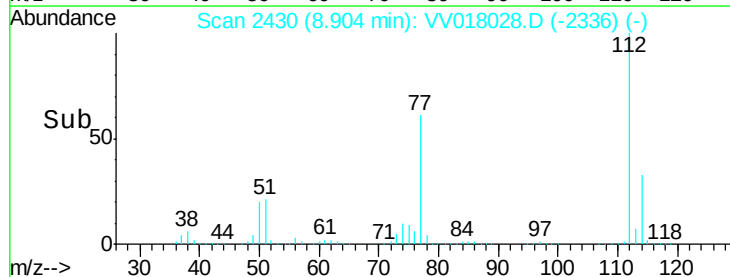
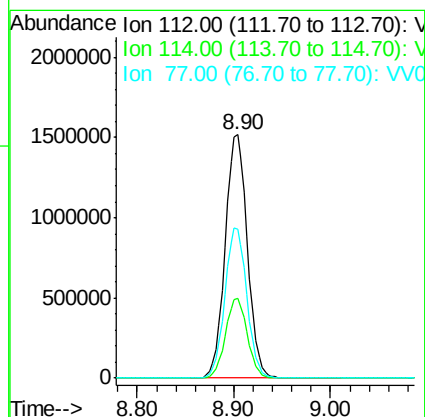
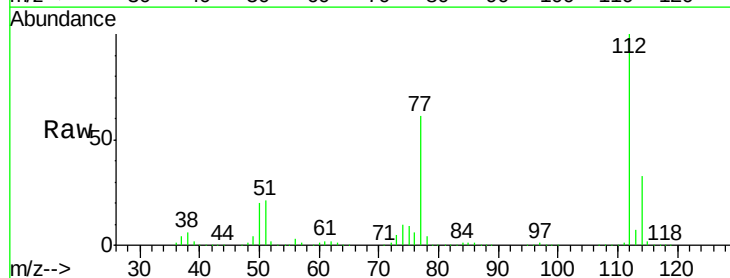
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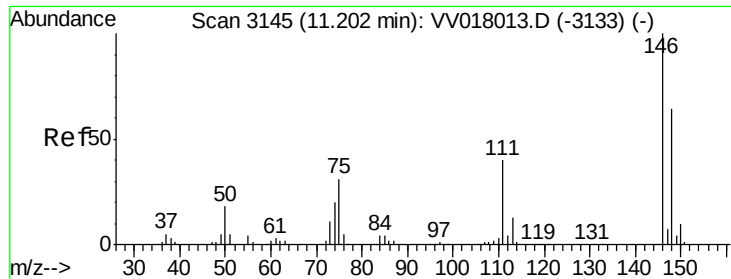
Lab File: VV018028.D

Acq: 17 Aug 2020 15:59

Tgt Ion: 112 Resp: 2410707

Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.7	42.3
77	61.1	49.4	74.2





#62

1,3-Dichlorobenzene

Concen: 25.805 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV018028.D

Acq: 17 Aug 2020 15:59

Instrument :

MSVOA_V

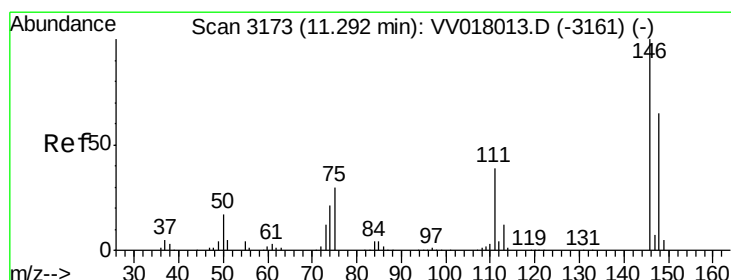
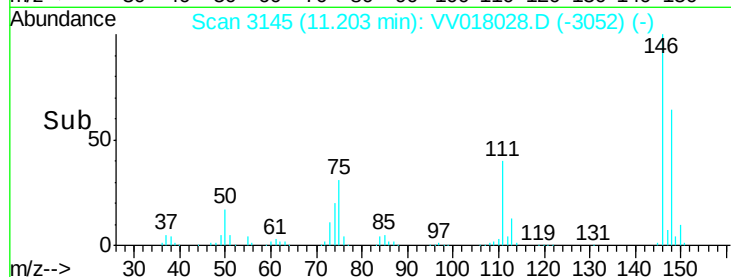
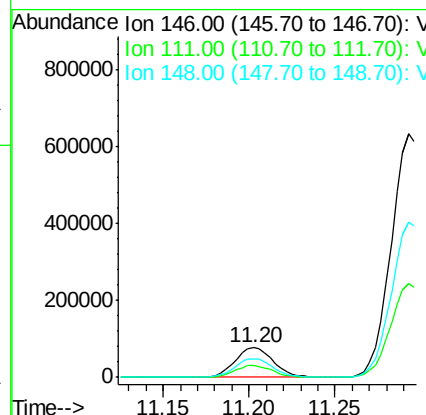
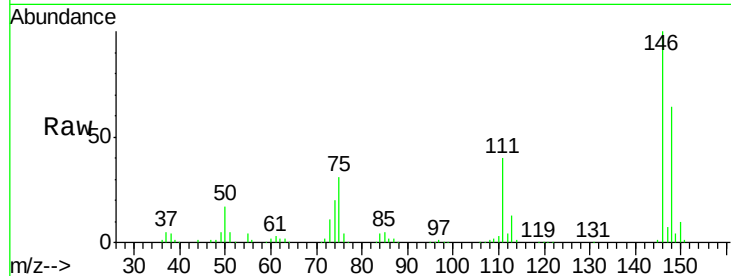
ClientSampled :

C0F94

Tot Ion:	146	Resp:	119948
Ion Ratio	Lower	Upper	
146	100		
111	39.8	28.8	53.4
148	63.9	44.9	83.5

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#63

1,4-Dichlorobenzene

Concen: 199.450 ug/L

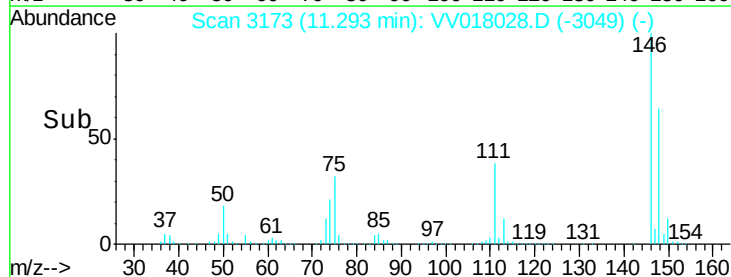
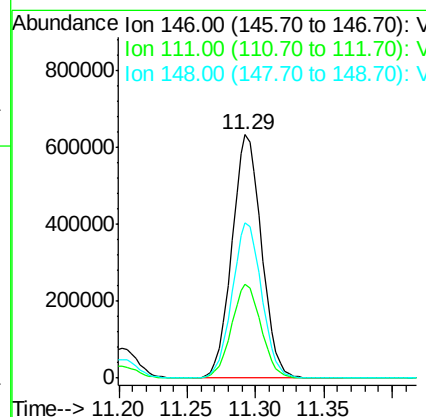
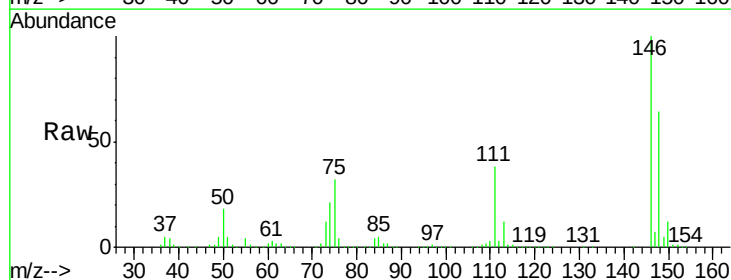
RT: 11.29 min Scan# 3173

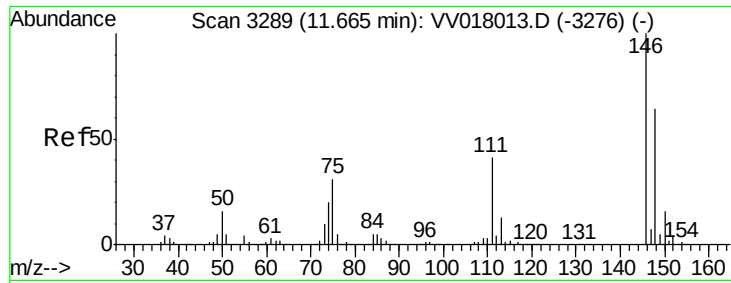
Delta R.T. 0.00 min

Lab File: VV018028.D

Acq: 17 Aug 2020 15:59

Tgt Ion:	146	Resp:	952386
Ion Ratio	Lower	Upper	
146	100		
111	38.4	28.0	52.0
148	63.6	44.2	82.2





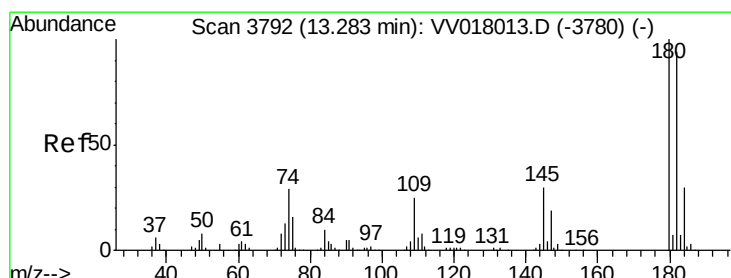
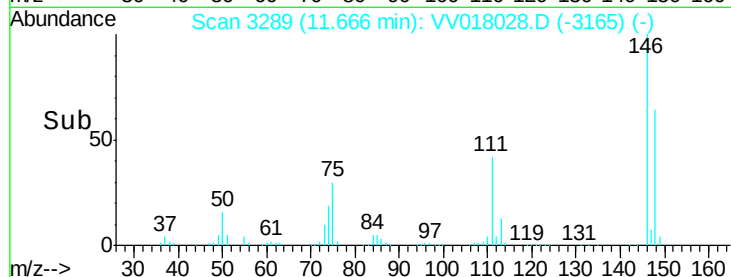
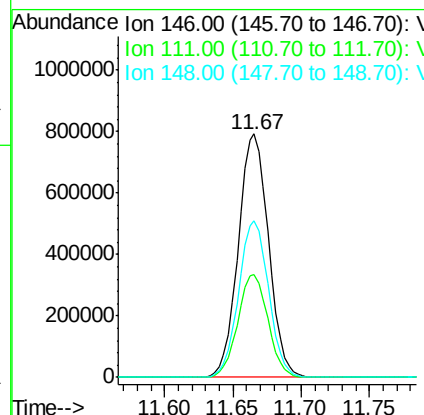
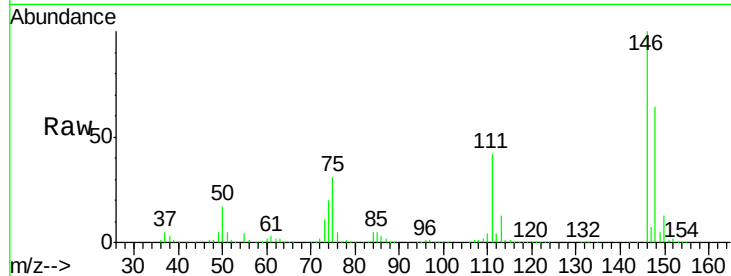
#65
 1,2-Dichlorobenzene
 Concen: 254.232 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV018028.D
 Acq: 17 Aug 2020 15:59

Instrument :
 MSVOA_V
 ClientSampled :
 C0F94

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	34.2	51.4
148	64.3	50.6	76.0

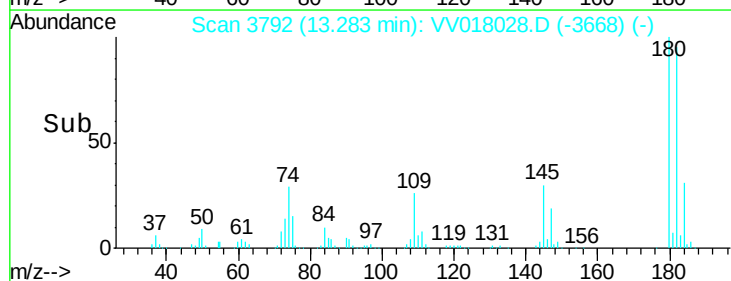
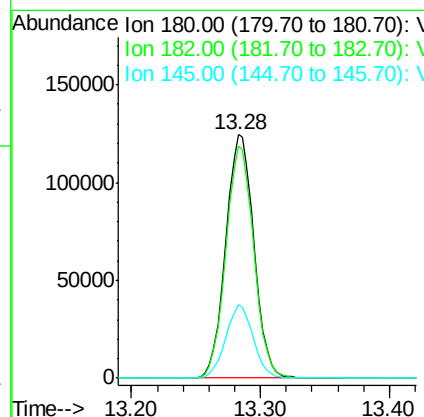
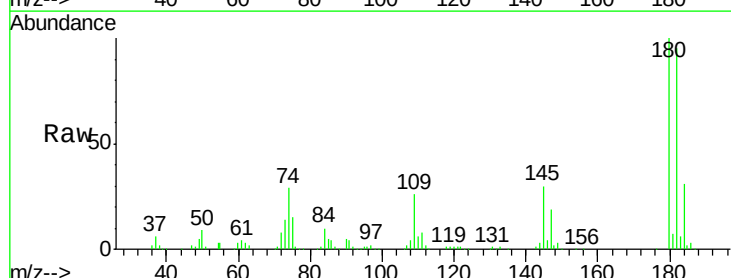
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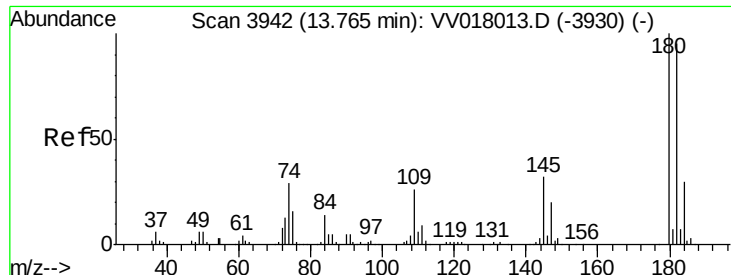
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#68
 1,2,4-trichlorobenzene
 Concen: 60.607 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV018028.D
 Acq: 17 Aug 2020 15:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.4	114.6
145	29.4	24.0	36.0





#70
 1,2,3-Trichlorobenzene
 Concen: 15.512 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV018028.D
 Acq: 17 Aug 2020 15:59

Instrument :
 MSVOA_V
 ClientSampleId :
 C0F94

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.5	114.7
145	31.5	26.0	39.0

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