

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032519\
 Data File : VV009878.D
 Acq On : 25 Mar 2019 22:22
 Operator : SY/MD
 Sample : K2070-12 400X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C09D7

Manual Integrations
 APPROVED

MMDadoda
 3/26/2019 11:06:13 AM

Quant Time: Mar 26 09:25:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 07:13:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	179486	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	182314	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	76588	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87377	47.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.36%
7) Chloroethane-d5	1.56	69	99958	48.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.94%
11) 1,1-Dichloroethene-d2	2.12	63	186481	34.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.04%
21) 2-Butanone-d5	3.93	46	79683	97.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.41%
24) Chloroform-d	4.40	84	111575	43.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.56%
26) 1,2-Dichloroethane-d4	5.08	65	76216	44.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.48%
32) Benzene-d6	5.10	84	241653	48.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.66%
36) 1,2-Dichloropropane-d6	6.12	67	75182	49.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.50%
41) Toluene-d8	7.36	98	217939	44.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.94%
43) trans-1,3-Dichloropropene-	7.66	79	26807	38.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.88%
47) 2-Hexanone-d5	8.14	63	59158	94.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.54%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	102920	41.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.08%
64) 1,2-Dichlorobenzene-d4	11.67	152	82724	46.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.24%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
25) Chloroform	4.43	83	7690m	3.024	ug/L	
33) Benzene	5.15	78	229572	43.132	ug/L	100
51) Chlorobenzene	8.93	112	504654	125.151	ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	12562	4.788	ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	177635	64.580	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	207313	74.799	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	10412	7.301	ug/L	97
70) 1,2,3-Trichlorobenzene	13.80	180	3449	2.391	ug/L	97

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

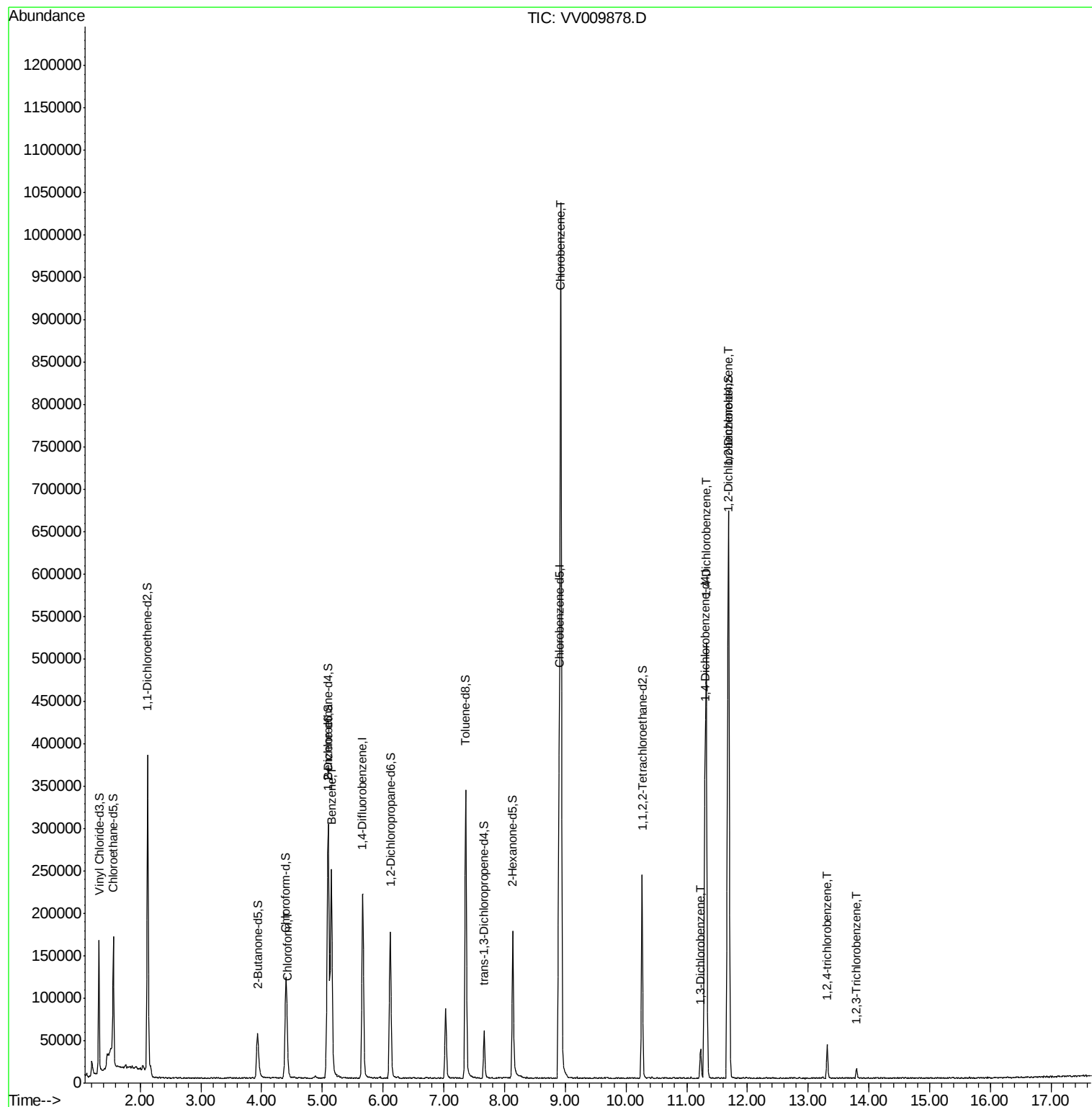
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV032519\
Data File : VV009878.D
Acq On : 25 Mar 2019 22:22
Operator : SY/MD
Sample : K2070-12 400X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 28 Sample Multiplier: 1

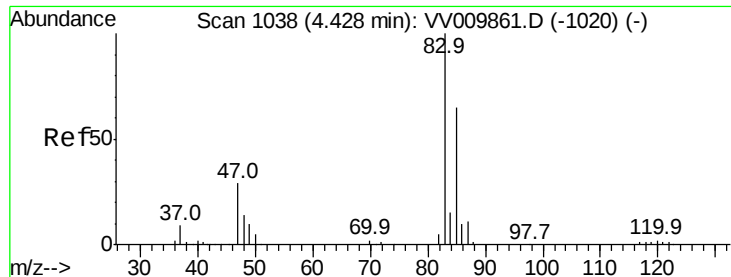
Instrument :
MSVOA_V
ClientSampleId :
C09D7

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
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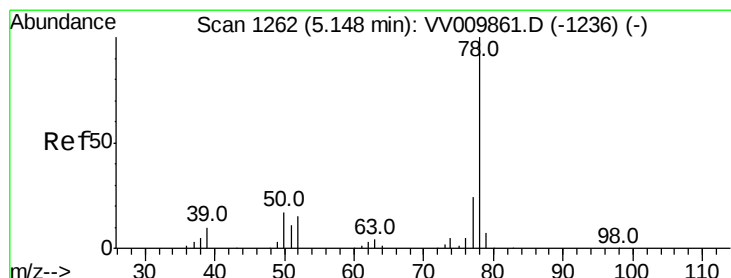
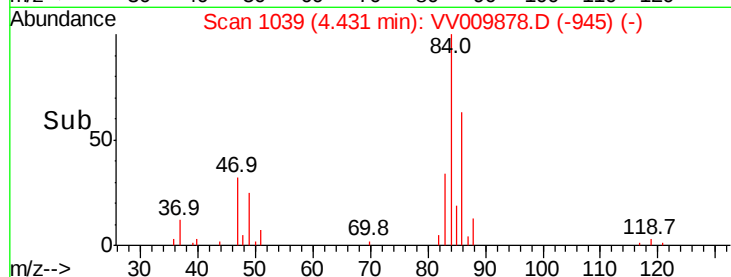
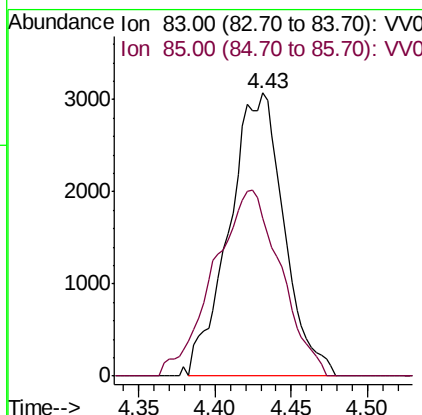
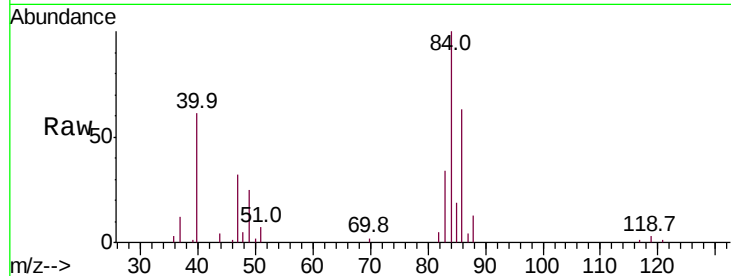
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Chloroform
Concen: 3.024 ug/L m
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV009878.D
Acq: 25 Mar 2019 22:22

Instrument :
MSVOA_V
ClientSampleId :
C09D7

Tot Ion: 83 Resp: 7690
Ion Ratio Lower Upper
83 100
85 55.9 44.7 82.9

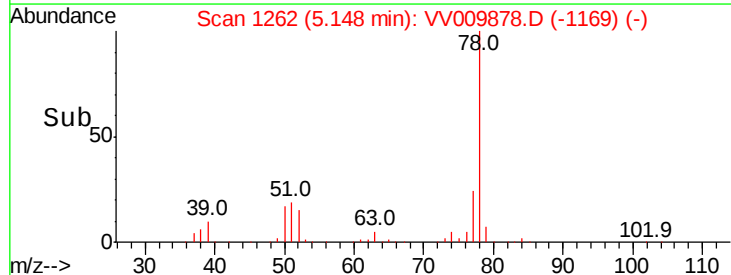
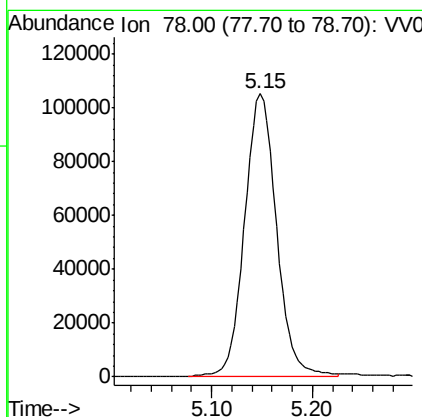
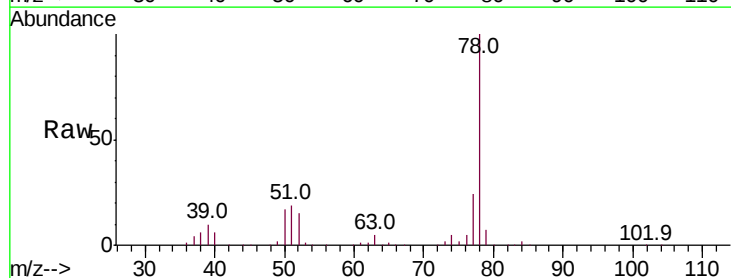
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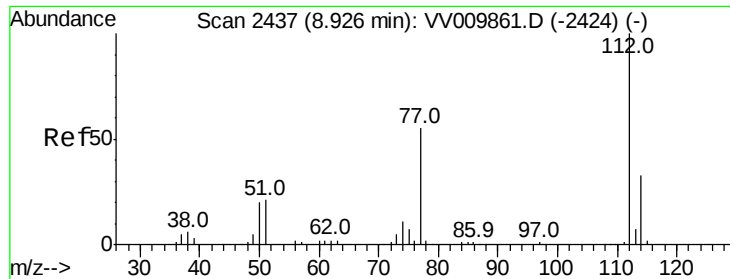
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#33
Benzene
Concen: 43.132 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VV009878.D
Acq: 25 Mar 2019 22:22

Tgt Ion: 78 Resp: 229572





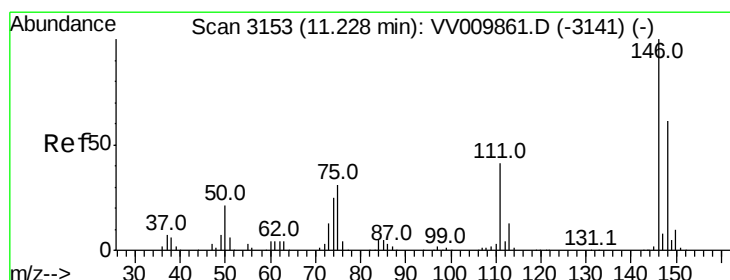
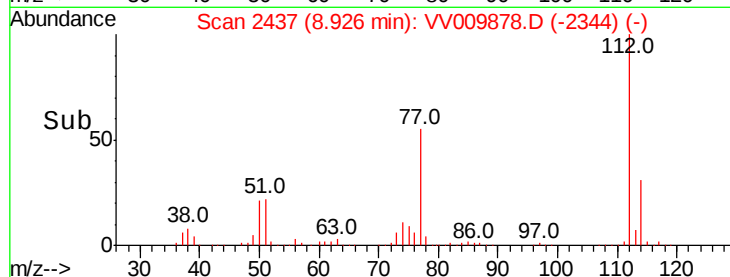
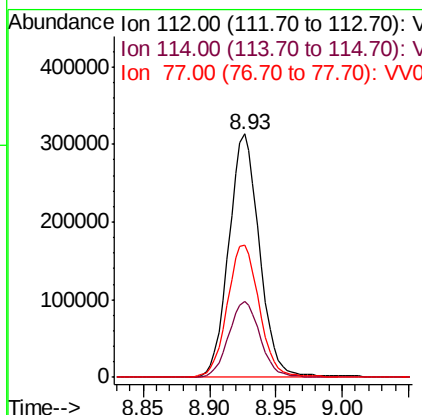
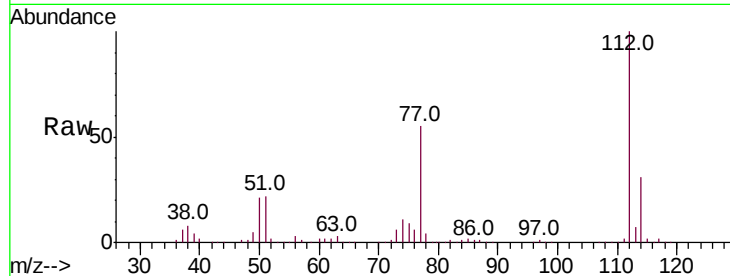
#51
Chlorobenzene
Concen: 125.151 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. 0.00 min
Lab File: VV009878.D
Acq: 25 Mar 2019 22:22

Instrument :
MSVOA_V
ClientSampleId :
C09D7

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.2	23.3	43.3
77	54.6	45.8	68.6

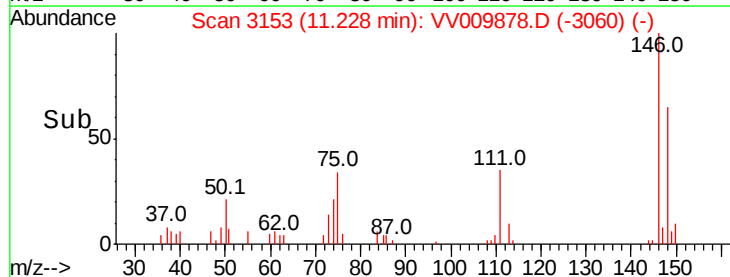
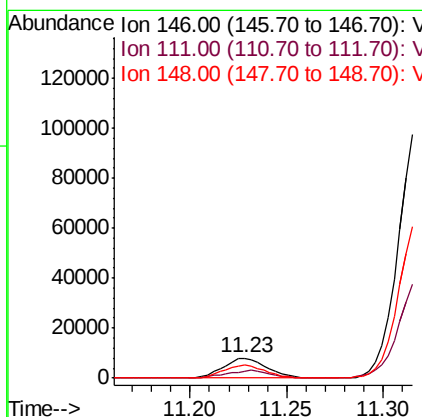
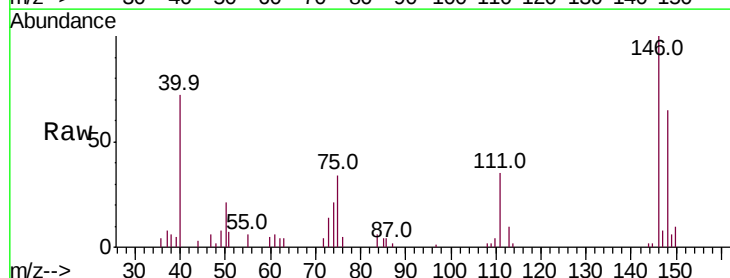
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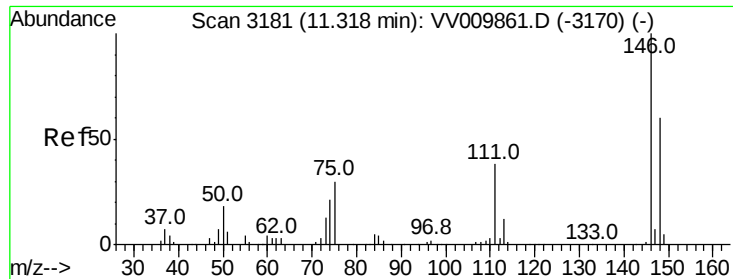
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#62
1,3-Dichlorobenzene
Concen: 4.788 ug/L
RT: 11.23 min Scan# 3153
Delta R.T. 0.00 min
Lab File: VV009878.D
Acq: 25 Mar 2019 22:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.5	27.5	51.1
148	64.8	43.0	80.0





#63

1,4-Dichlorobenzene

Concen: 64.580 ug/L

RT: 11.32 min Scan# 3182

Delta R.T. 0.00 min

Lab File: VV009878.D

Acq: 25 Mar 2019 22:22

Instrument :

MSVOA_V

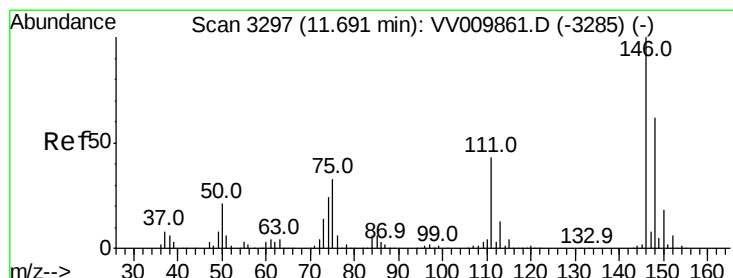
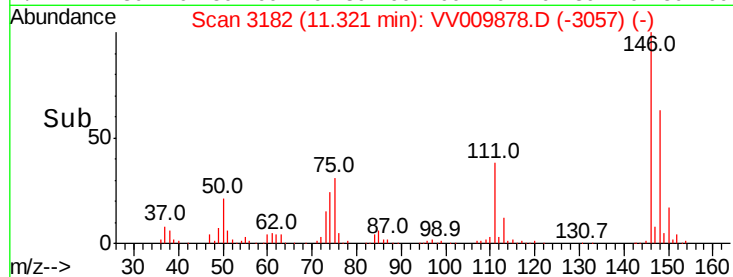
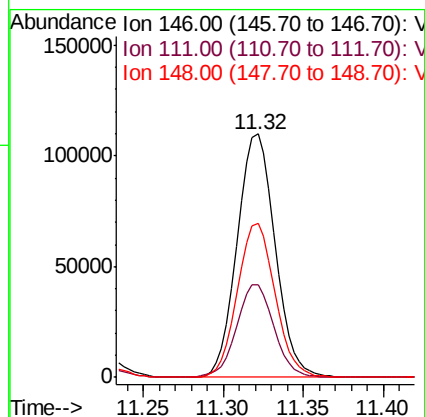
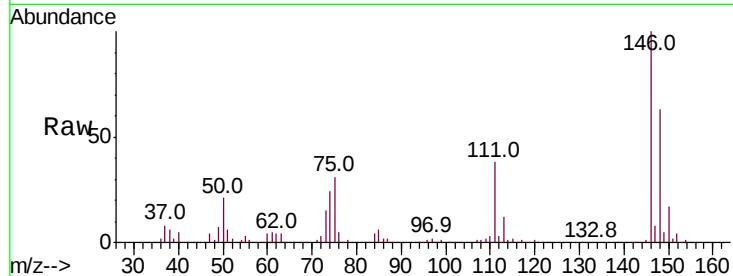
ClientSampled :

C09D7

Tot Ion:	146	Resp:	177635
Ion Ratio	Lower	Upper	
146	100		
111	37.8	26.5	49.3
148	63.3	43.2	80.2

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#65

1,2-Dichlorobenzene

Concen: 74.799 ug/L

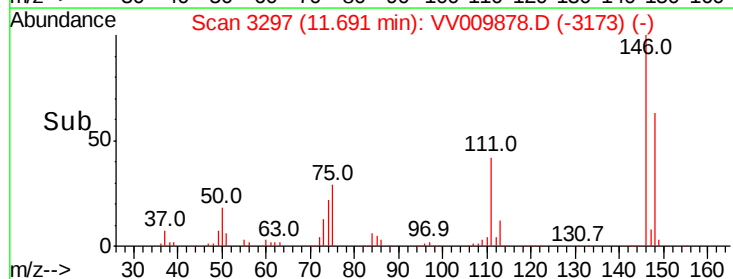
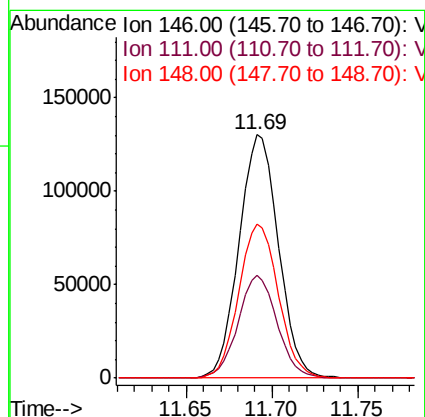
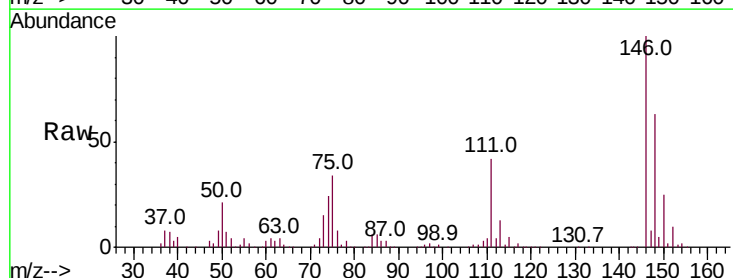
RT: 11.69 min Scan# 3297

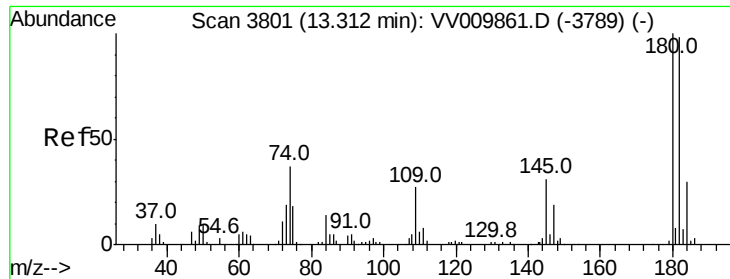
Delta R.T. 0.00 min

Lab File: VV009878.D

Acq: 25 Mar 2019 22:22

Tgt Ion:	146	Resp:	207313
Ion Ratio	Lower	Upper	
146	100		
111	42.3	33.0	49.6
148	63.3	53.2	79.8





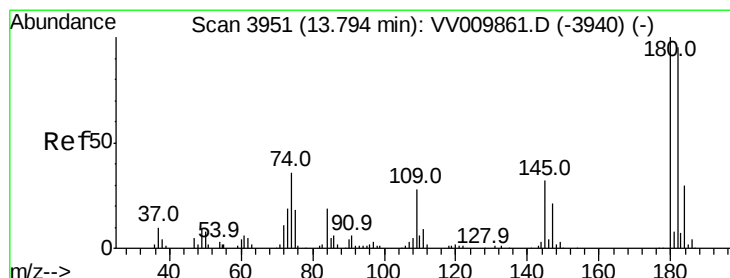
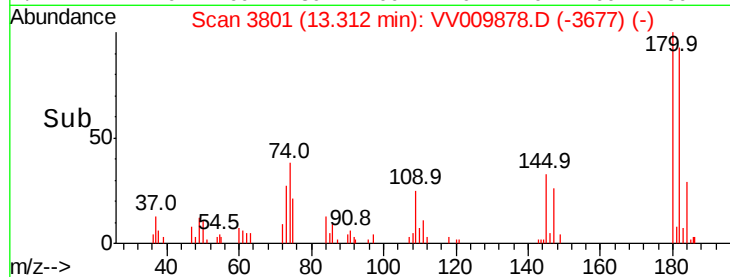
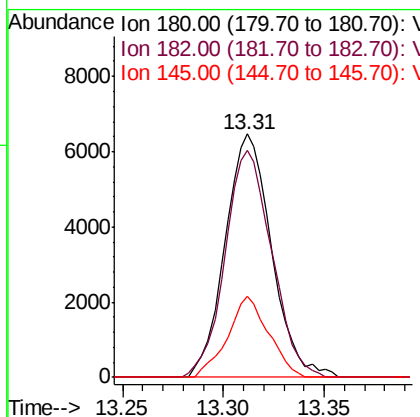
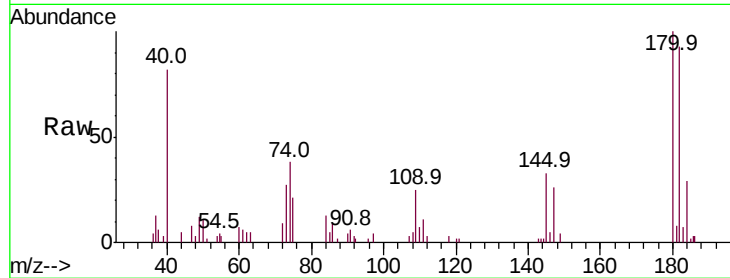
#68
 1,2,4-trichlorobenzene
 Concen: 7.301 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV009878.D
 Acq: 25 Mar 2019 22:22

Instrument :
 MSVOA_V
 ClientSampleId :
 C09D7

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	77.1	115.7
145	29.2	24.3	36.5

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#70
 1,2,3-Trichlorobenzene
 Concen: 2.391 ug/L
 RT: 13.80 min Scan# 3952
 Delta R.T. 0.00 min
 Lab File: VV009878.D
 Acq: 25 Mar 2019 22:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.1	75.6	113.4
145	30.6	24.8	37.2

