

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092118\
 Data File : VU026947.D
 Acq On : 20 Sep 2018 20:46
 Operator : MD/SY
 Sample : J5012-04 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08K7

Manual Integrations
 APPROVED

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Quant Time: Sep 21 06:39:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 21 04:24:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	269765	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	255893	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	129019	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	88970	44.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.16%
7) Chloroethane-d5	1.67	69	77857	45.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.16%
11) 1,1-Dichloroethene-d2	2.27	63	126596	33.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.06%
21) 2-Butanone-d5	4.18	46	142677	107.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.74%
24) Chloroform-d	4.65	84	159414	43.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.14%
26) 1,2-Dichloroethane-d4	5.31	65	103078	44.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.44%
32) Benzene-d6	5.34	84	327872	45.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.44%
36) 1,2-Dichloropropane-d6	6.33	67	107472	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.02%
41) Toluene-d8	7.57	98	283269	43.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.44%
43) trans-1,3-Dichloropropene-	7.85	79	45577	44.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.36%
47) 2-Hexanone-d5	8.31	63	103462	113.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.93%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	147544	45.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.58%
64) 1,2-Dichlorobenzene-d4	11.86	152	128899m	48.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.06%

Target Compounds

					Ovalue
31) Carbon tetrachloride	5.14	117	5919	2.170 ug/L	94
33) Benzene	5.39	78	1465642	184.737 ug/L	100
51) Chlorobenzene	9.12	112	3016739	553.763 ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	207649	52.795 ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	1425743	329.205 ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	1712553	393.240 ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	166803	63.598 ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	60687	21.012 ug/L	97

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

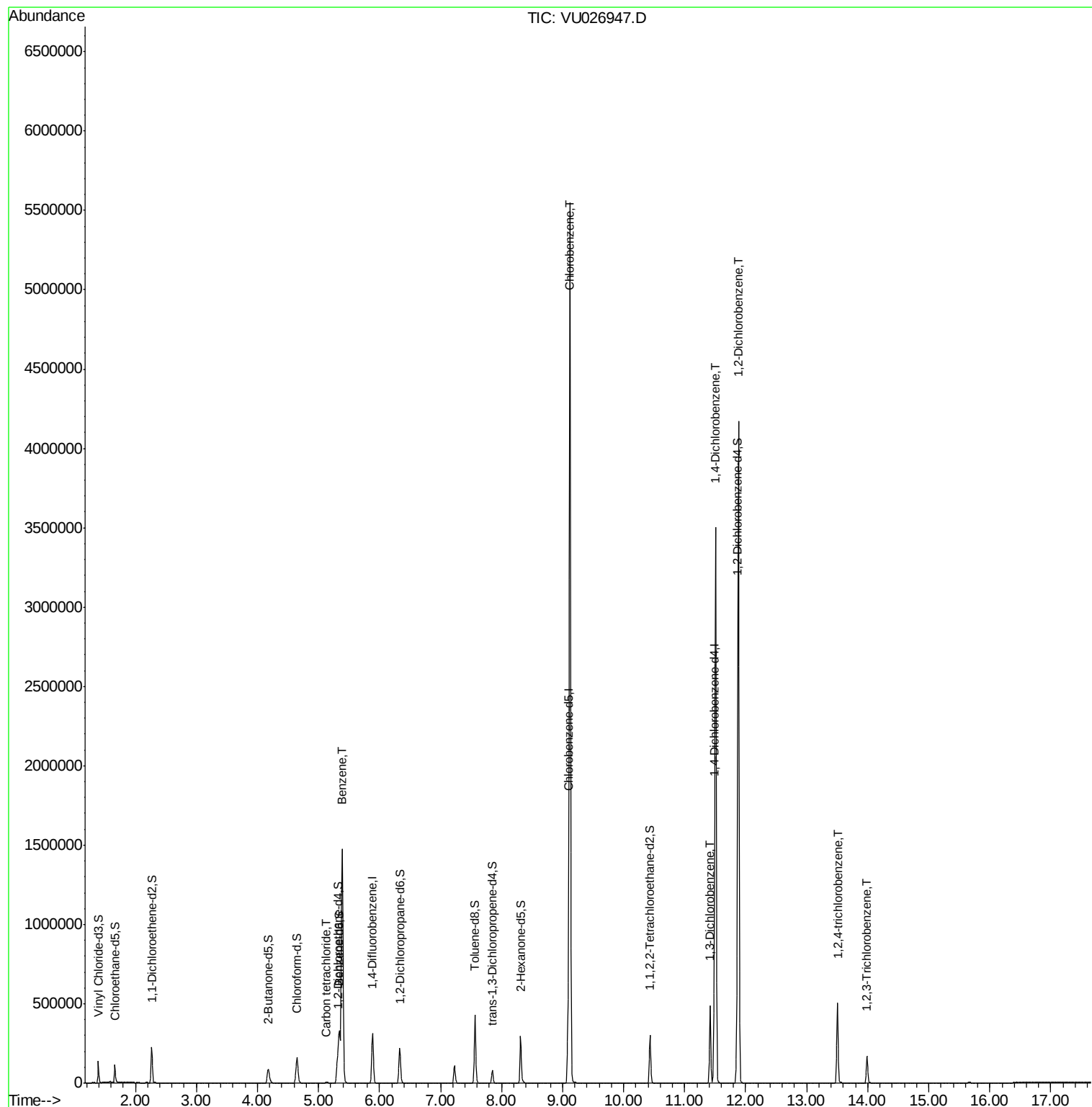
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092118\
Data File : VU026947.D
Acq On : 20 Sep 2018 20:46
Operator : MD/SY
Sample : J5012-04 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

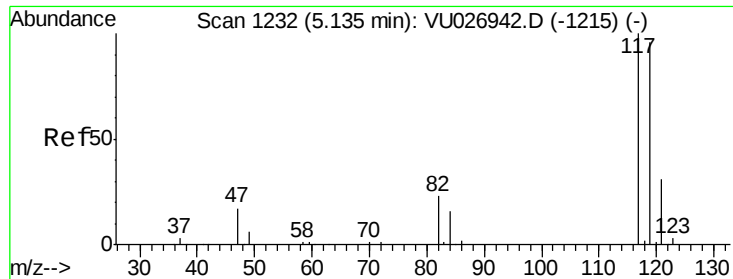
Instrument :
MSVOA_U
ClientSampleId :
C08K7

Manual Integrations
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Quant Time: Sep 21 06:39:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
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Response via : Initial Calibration





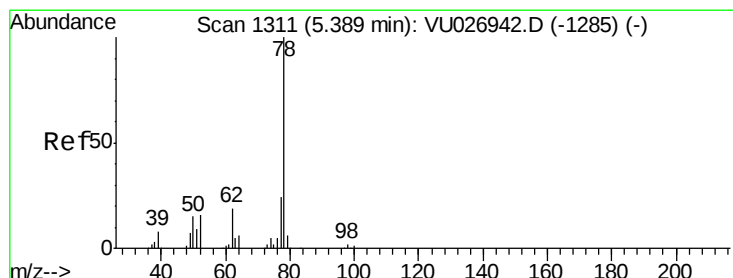
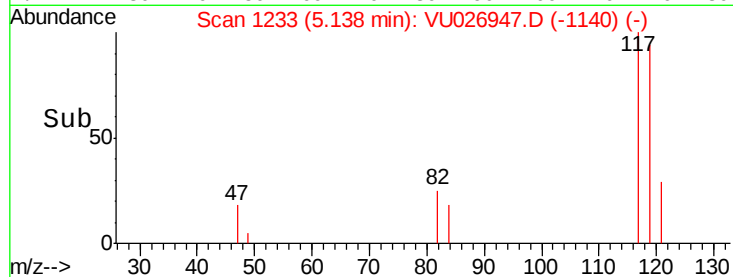
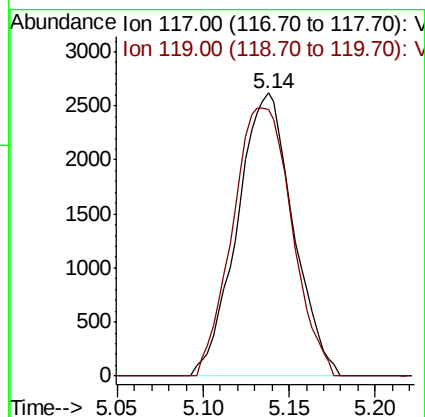
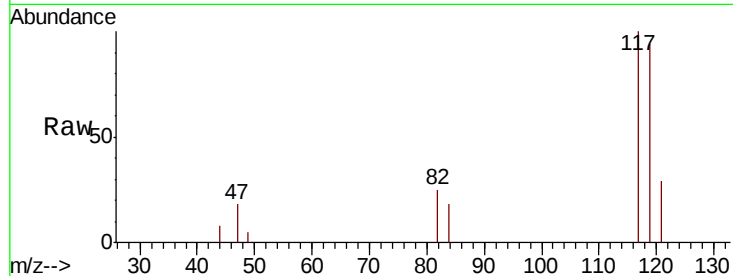
#31
Carbon tetrachloride
Concen: 2.170 ug/L
RT: 5.14 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VU026947.D
Acq: 20 Sep 2018 20:46

Instrument :
MSVOA_U
ClientSampleId :
C08K7

Tot Ion:117 Resp: 5919
Ion Ratio Lower Upper
117 100
119 100.8 76.3 114.5

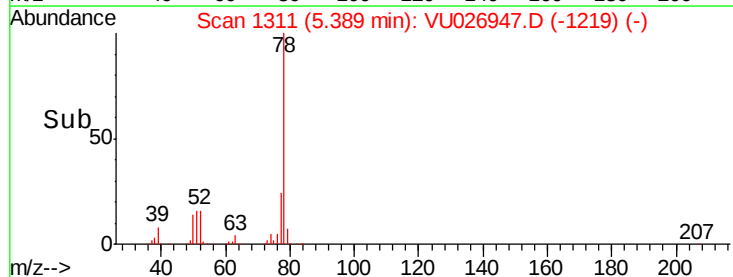
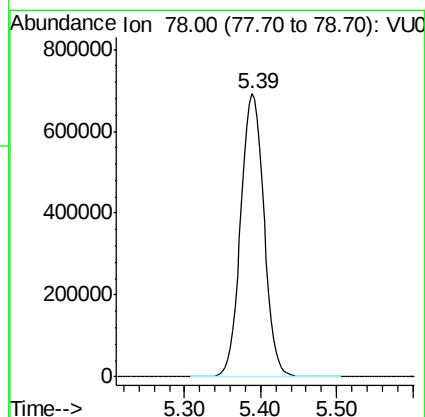
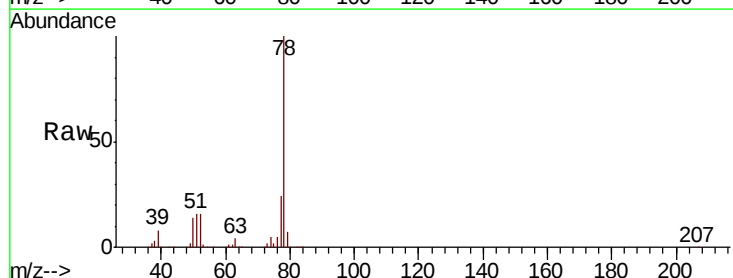
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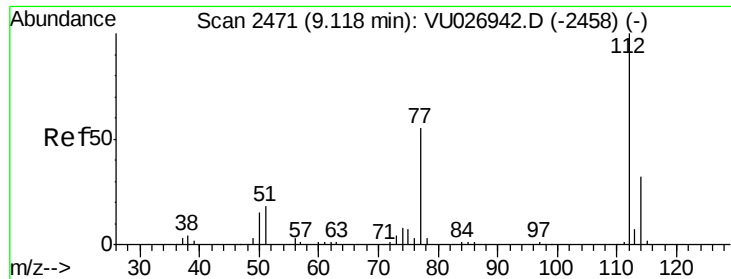
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#33
Benzene
Concen: 184.737 ug/L
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU026947.D
Acq: 20 Sep 2018 20:46

Tgt Ion: 78 Resp: 1465642





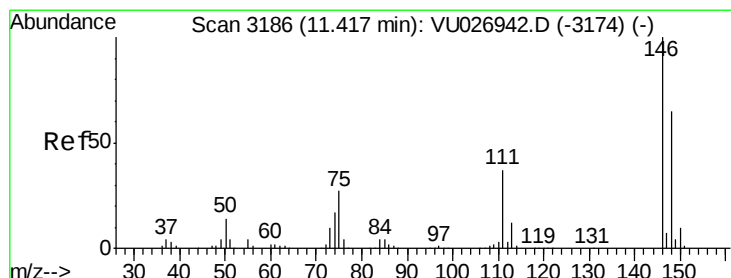
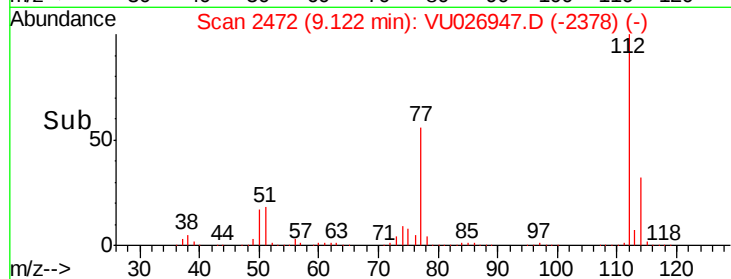
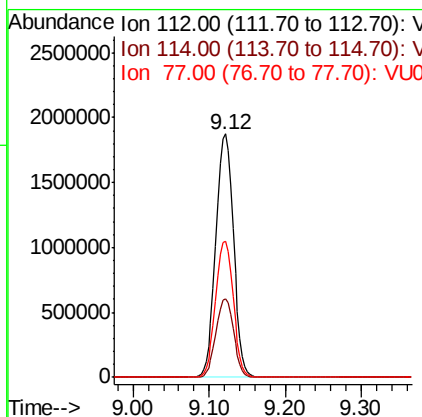
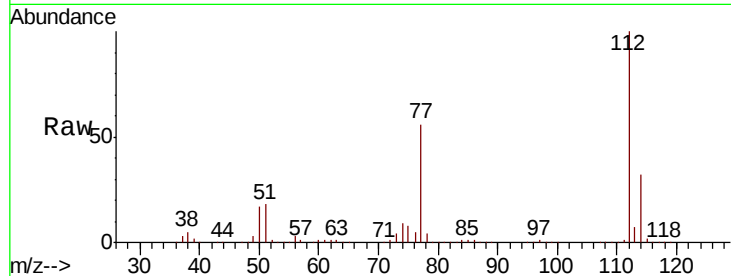
#51
Chlorobenzene
Concen: 553.763 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026947.D
Acq: 20 Sep 2018 20:46

Instrument :
MSVOA_U
ClientSampled :
C08K7

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.3	41.5
77	55.9	45.1	67.7

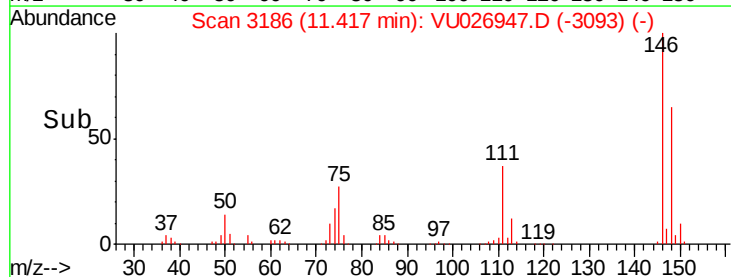
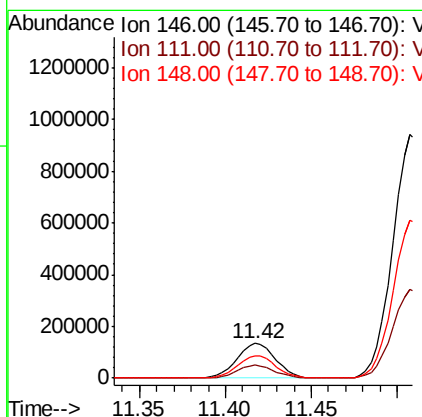
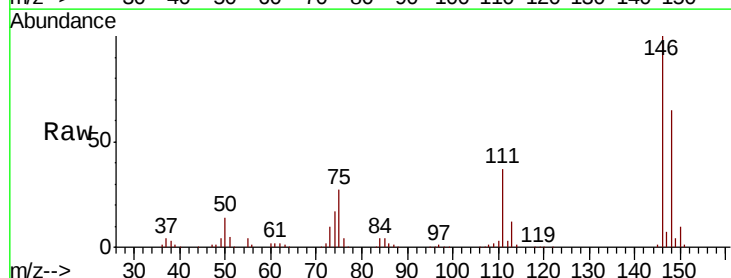
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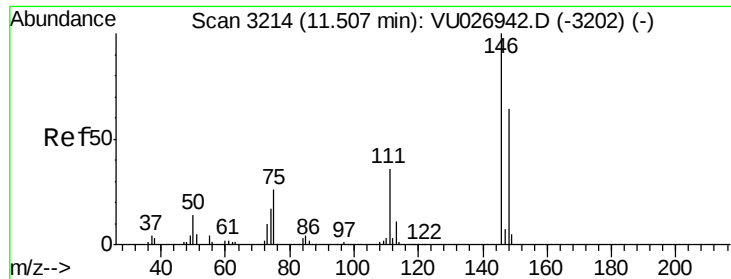
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#62
1,3-Dichlorobenzene
Concen: 52.795 ug/L
RT: 11.42 min Scan# 3186
Delta R.T. -0.00 min
Lab File: VU026947.D
Acq: 20 Sep 2018 20:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	26.7	49.7
148	64.9	44.9	83.5





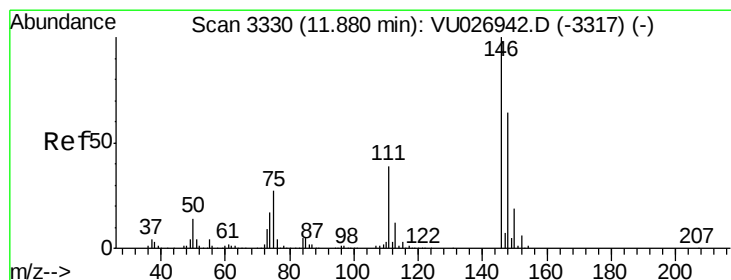
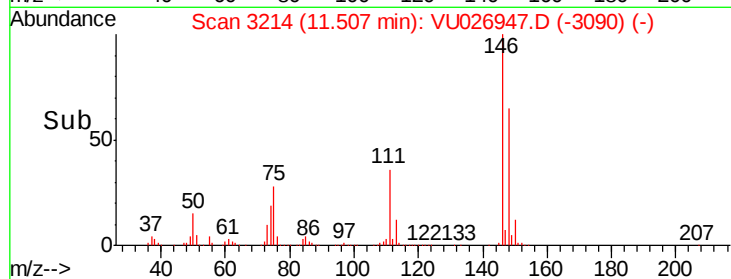
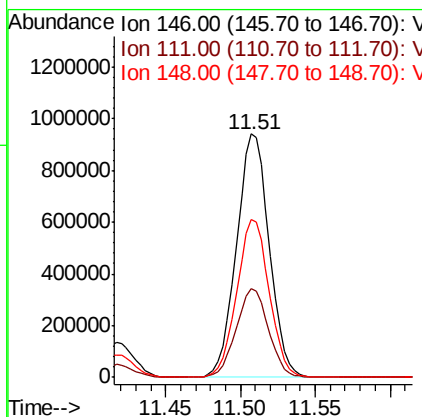
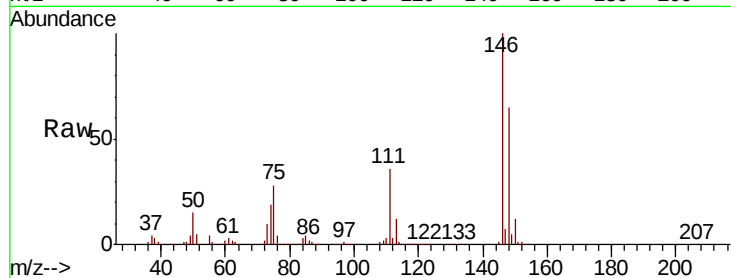
#63
 1,4-Dichlorobenzene
 Concen: 329.205 ug/L
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU026947.D
 Acq: 20 Sep 2018 20:46

Instrument :
 MSVOA_U
 ClientSampleId :
 C08K7

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.3	26.0	48.2
148	64.6	45.8	85.2

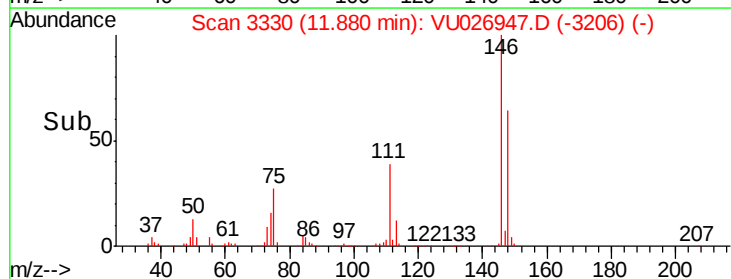
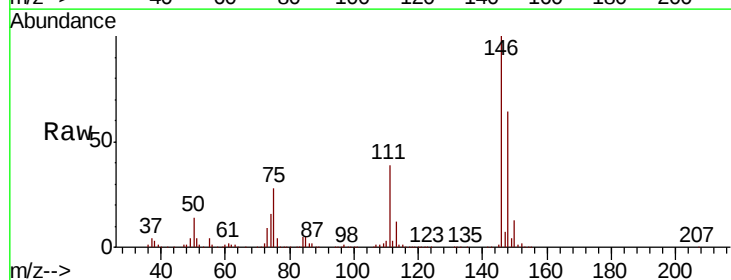
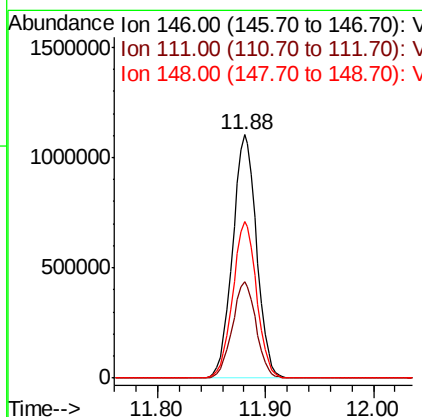
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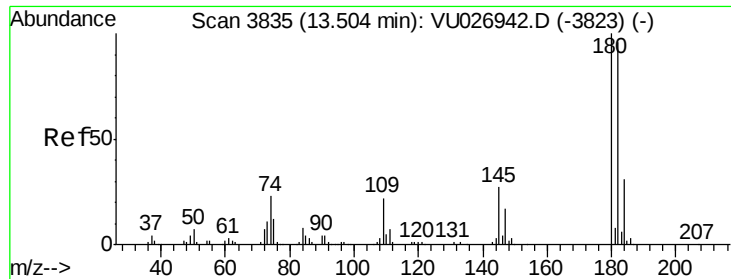
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#65
 1,2-Dichlorobenzene
 Concen: 393.240 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU026947.D
 Acq: 20 Sep 2018 20:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	31.4	47.0
148	64.3	51.4	77.2





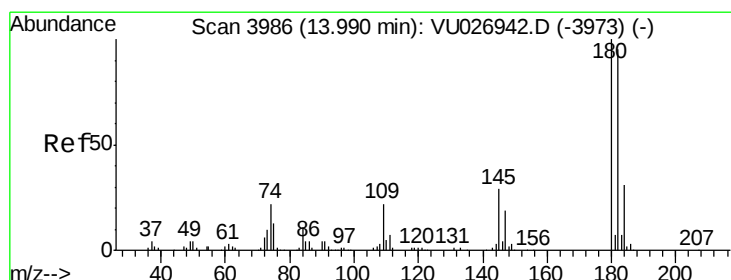
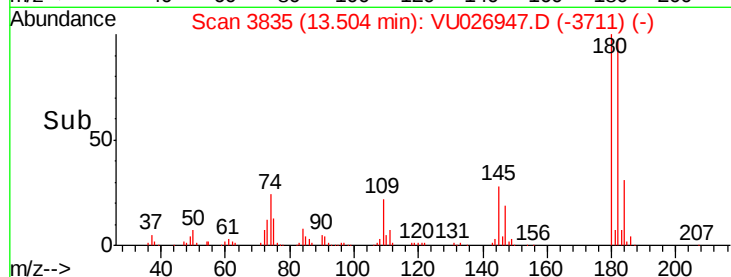
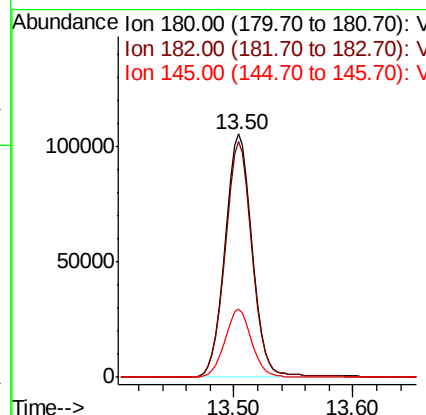
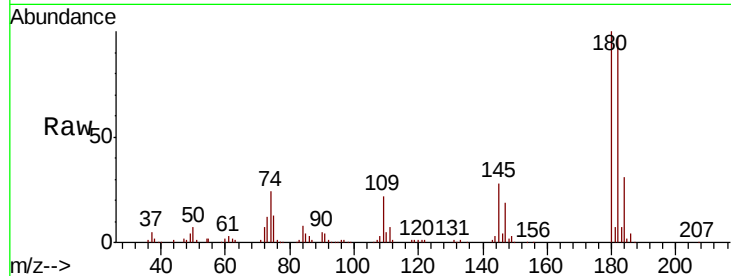
#68
 1,2,4-trichlorobenzene
 Concen: 63.598 ug/L
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU026947.D
 Acq: 20 Sep 2018 20:46

Instrument :
 MSVOA_U
 ClientSampled :
 C08K7

Tot Ion	Ratio	Resp	Lower	Upper
180	100	166803		
182	96.2	76.8	115.2	
145	27.8	22.2	33.2	

Manual Integrations
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#70
 1,2,3-Trichlorobenzene
 Concen: 21.012 ug/L
 RT: 13.99 min Scan# 3986
 Delta R.T. 0.00 min
 Lab File: VU026947.D
 Acq: 20 Sep 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	60687		
182	97.3	75.6	113.4	
145	28.6	23.8	35.6	

