

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032019\
 Data File : VU030236.D
 Acq On : 20 Mar 2019 20:32
 Operator : JC/SP
 Sample : K1967-21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0977

Manual Integrations
 APPROVED

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 3/22/2019 12:13:59 PM

Quant Time: Mar 22 02:21:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 01:27:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	550944	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	526400	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	248437	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	158733	42.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.22%
7) Chloroethane-d5	1.68	69	134361	45.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.27	63	219125m	32.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.48%
21) 2-Butanone-d5	4.17	46	260662	94.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.31%
24) Chloroform-d	4.65	84	314381	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.96%
26) 1,2-Dichloroethane-d4	5.31	65	184255	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.50%
32) Benzene-d6	5.34	84	660652	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.26%
36) 1,2-Dichloropropane-d6	6.33	67	208875	48.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.32%
41) Toluene-d8	7.56	98	591876	45.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.76%
43) trans-1,3-Dichloropropene-	7.85	79	91892	43.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.94%
47) 2-Hexanone-d5	8.31	63	215465	96.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.80%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	315751	47.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	249457	50.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.02%

Target Compounds

					Ovalue
33) Benzene	5.39	78	40914	2.694	ug/L 100
51) Chlorobenzene	9.12	112	1637205	149.701	ug/L 99
62) 1,3-Dichlorobenzene	11.41	146	47560	6.000	ug/L 98
63) 1,4-Dichlorobenzene	11.50	146	240270	29.224	ug/L 99
65) 1,2-Dichlorobenzene	11.88	146	262056	32.360	ug/L 100
68) 1,2,4-trichlorobenzene	13.50	180	83216	15.191	ug/L 99
70) 1,2,3-Trichlorobenzene	13.99	180	47421	8.296	ug/L 97

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

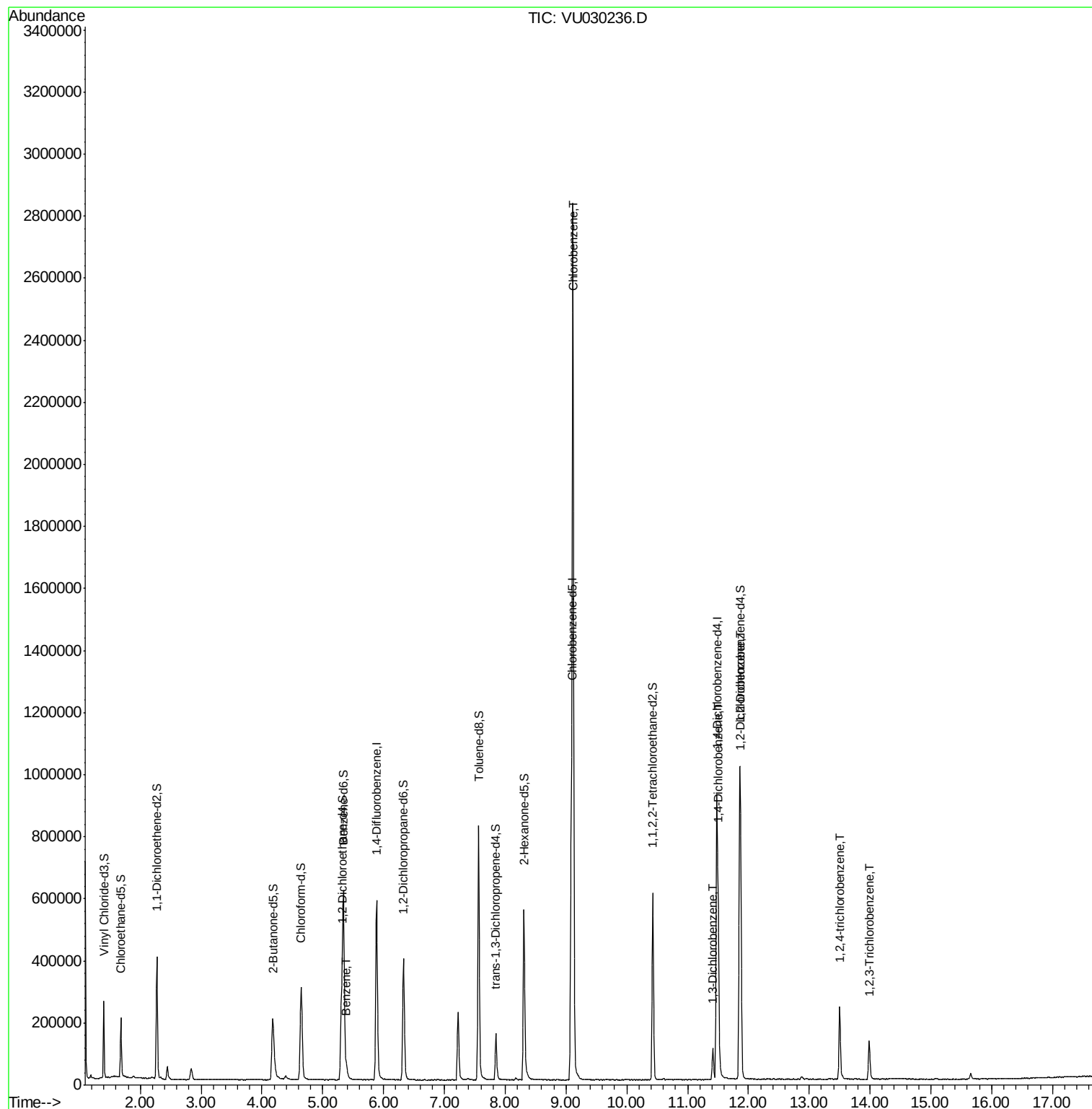
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU032019\
Data File : VU030236.D
Acq On : 20 Mar 2019 20:32
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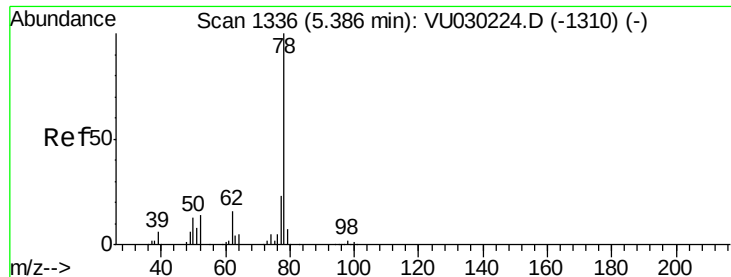
Instrument :
MSVOA_U
ClientSampleId :
C0977

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Quant Time: Mar 22 02:21:14 2019
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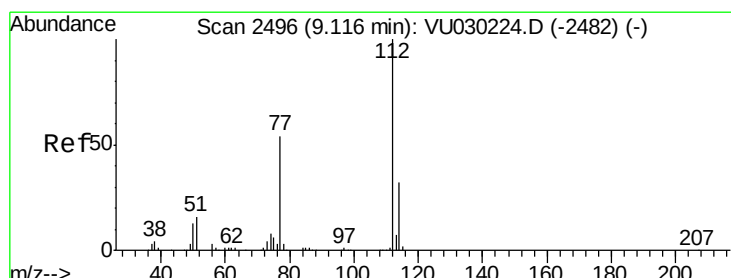
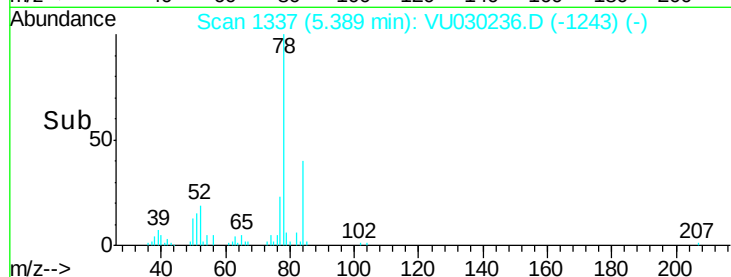
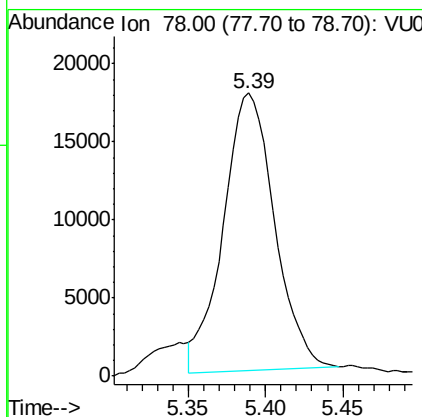
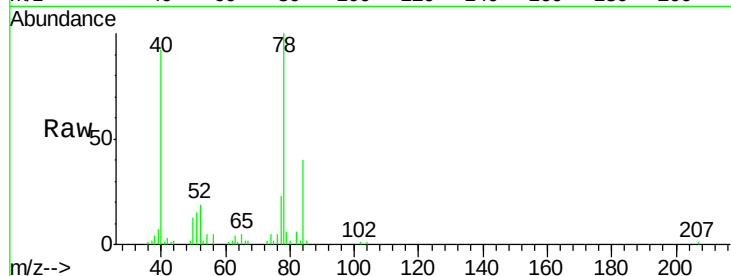
#33
Benzene
Concen: 2.694 ug/L
RT: 5.39 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU030236.D
Acq: 20 Mar 2019 20:32

Instrument :
MSVOA_U
ClientSampleId :
C0977

Tgt Ion: 78 Resp: 40914

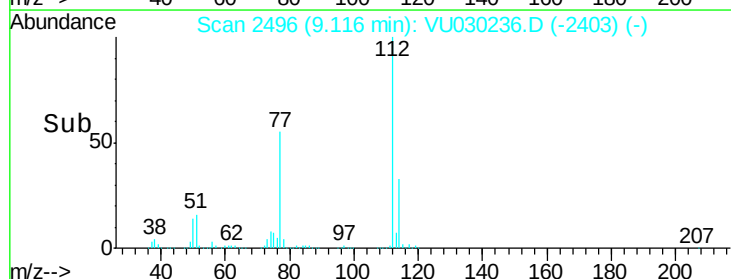
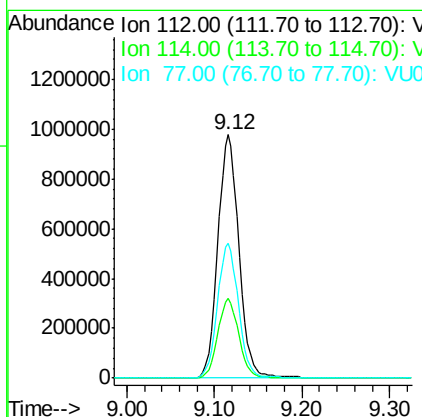
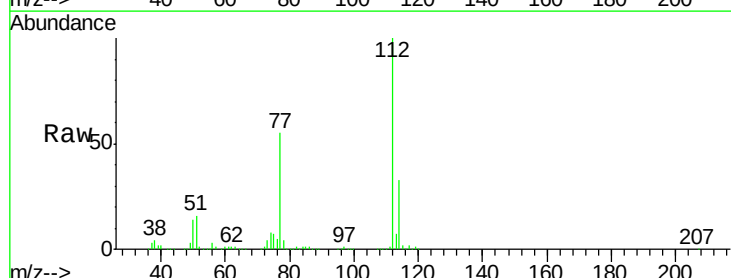
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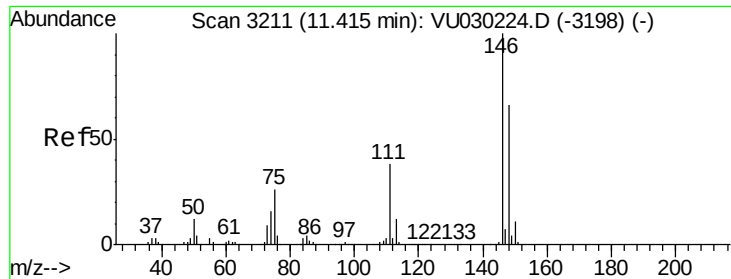
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#51
Chlorobenzene
Concen: 149.701 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU030236.D
Acq: 20 Mar 2019 20:32

Tgt Ion: 112 Resp: 1637205
Ion Ratio Lower Upper
112 100
114 32.6 22.5 41.7
77 55.4 43.4 65.0





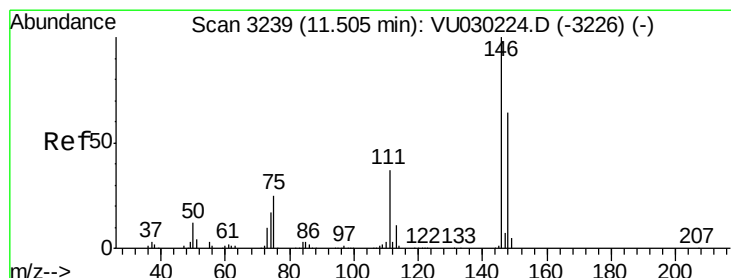
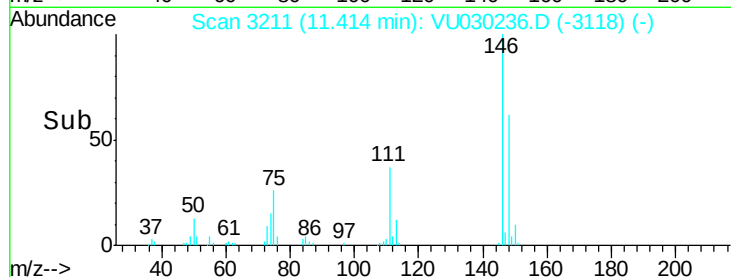
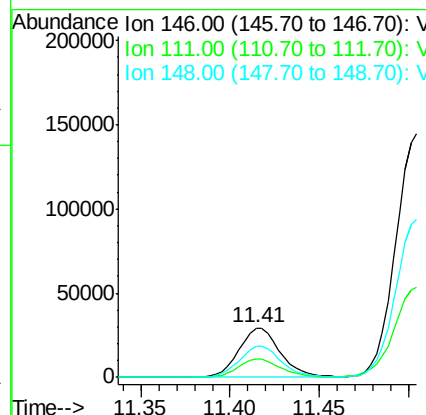
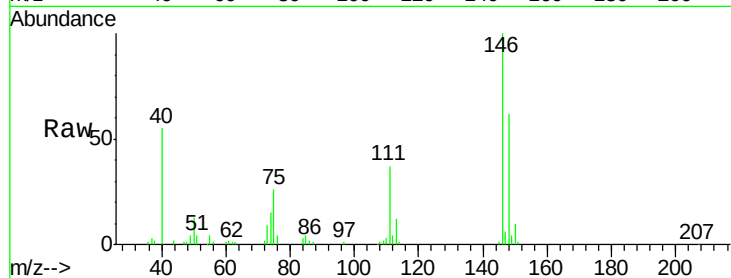
#62
 1,3-Dichlorobenzene
 Concen: 6.000 ug/L
 RT: 11.41 min Scan# 3211
 Delta R.T. -0.00 min
 Lab File: VU030236.D
 Acq: 20 Mar 2019 20:32

Instrument :
 MSVOA_U
 ClientSampled :
 C0977

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	27.2	50.4
148	62.2	44.4	82.5

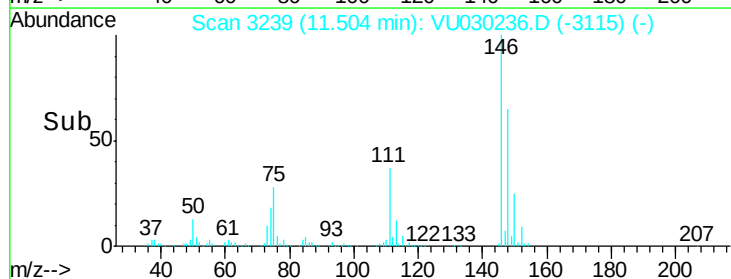
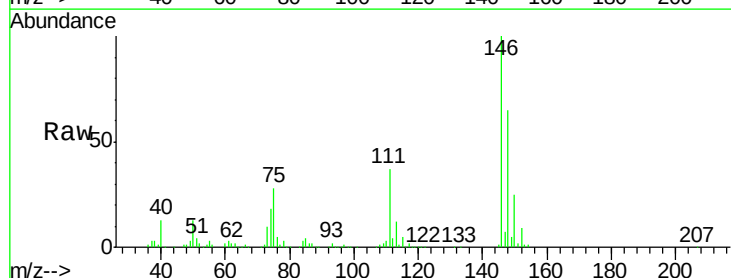
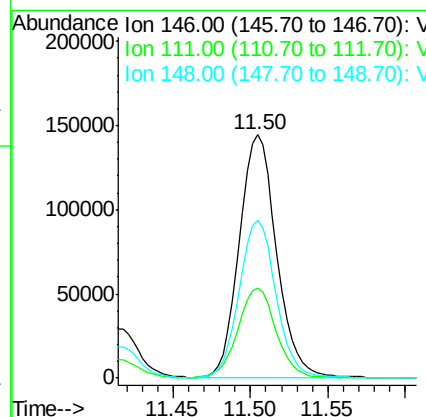
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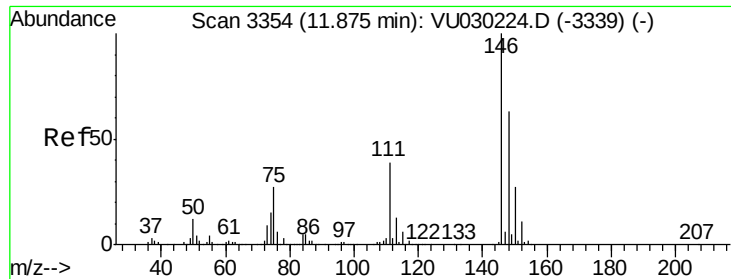
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#63
 1,4-Dichlorobenzene
 Concen: 29.224 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU030236.D
 Acq: 20 Mar 2019 20:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	25.3	46.9
148	64.8	44.7	82.9





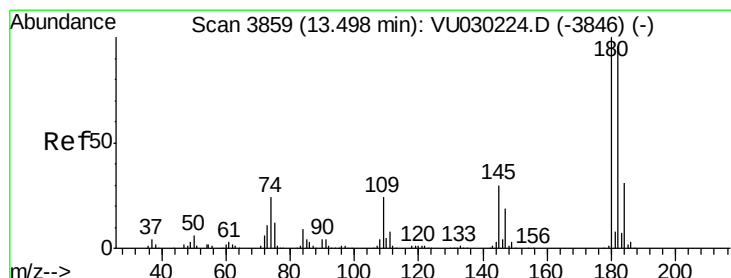
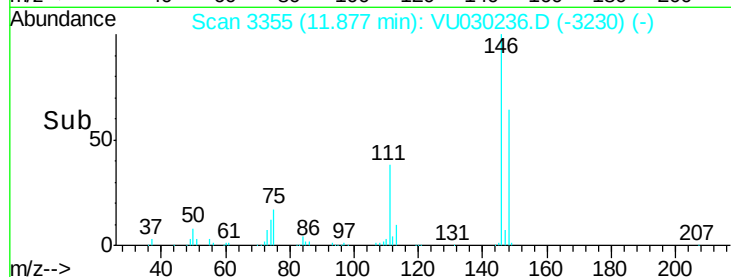
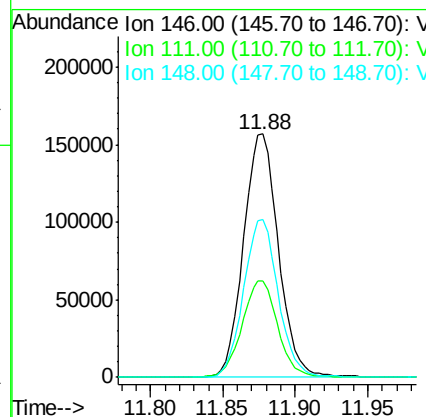
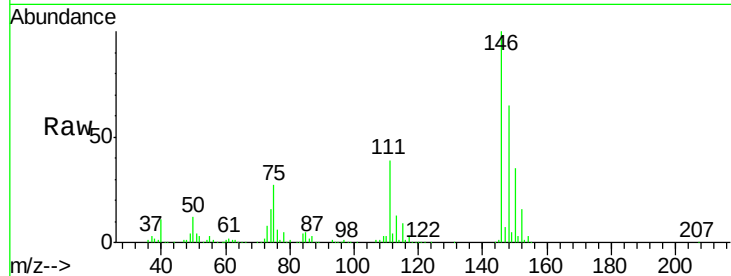
#65
 1,2-Dichlorobenzene
 Concen: 32.360 ug/L
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU030236.D
 Acq: 20 Mar 2019 20:32

Instrument :
 MSVOA_U
 ClientSampleId :
 C0977

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	31.7	47.5
148	64.9	52.0	78.0

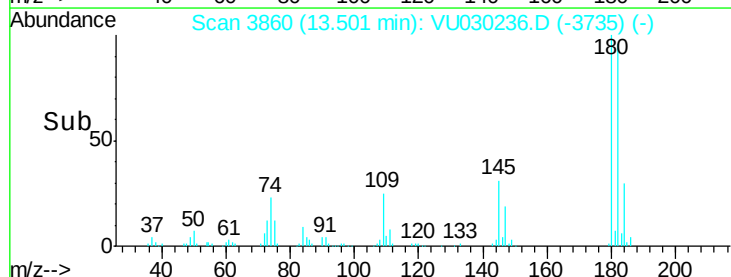
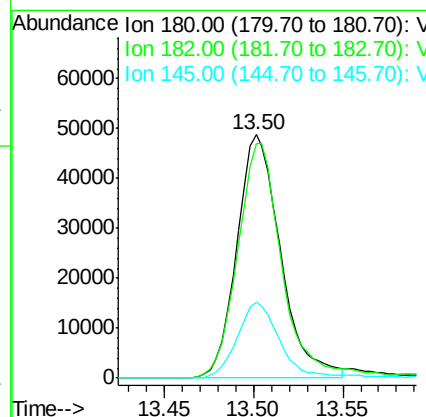
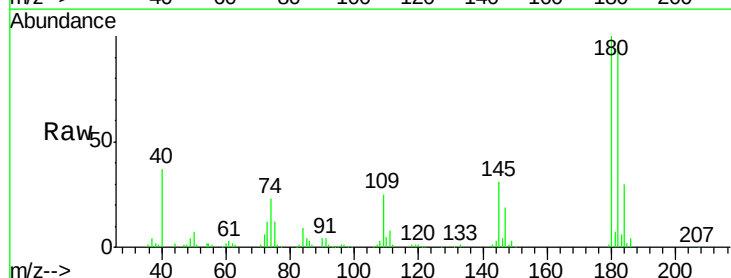
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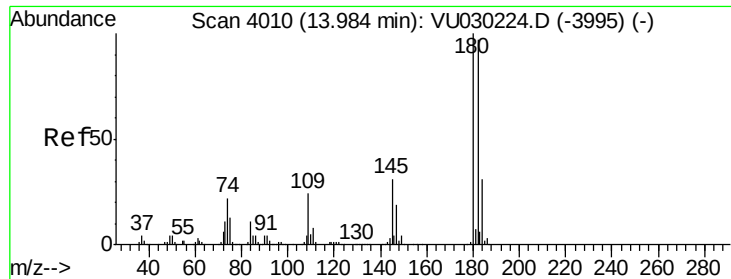
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#68
 1,2,4-trichlorobenzene
 Concen: 15.191 ug/L
 RT: 13.50 min Scan# 3860
 Delta R.T. 0.00 min
 Lab File: VU030236.D
 Acq: 20 Mar 2019 20:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.4	114.6
145	30.3	22.7	34.1





#70
 1,2,3-Trichlorobenzene
 Concen: 8.296 ug/L
 RT: 13.99 min Scan# 4011
 Delta R.T. 0.00 min
 Lab File: VU030236.D
 Acq: 20 Mar 2019 20:32

Instrument :
 MSVOA_U
 ClientSampleId :
 C0977

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.6	75.9	113.9
145	31.3	24.1	36.1

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