

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032419\
 Data File : VU030375.D
 Acq On : 24 Mar 2019 17:01
 Operator : JC/SP
 Sample : K2016-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0986

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 12:36:02 PM

Quant Time: Mar 25 04:54:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 25 03:20:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	387419	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	363214	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	147213	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	136670	43.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.66%
7) Chloroethane-d5	1.68	69	113412	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.78%
11) 1,1-Dichloroethene-d2	2.27	63	193894	32.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.56%
21) 2-Butanone-d5	4.17	46	273869	93.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.44%
24) Chloroform-d	4.65	84	253213	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.28%
26) 1,2-Dichloroethane-d4	5.31	65	169909	48.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.68%
32) Benzene-d6	5.34	84	517863	49.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.44%
36) 1,2-Dichloropropane-d6	6.33	67	186335	52.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.58%
41) Toluene-d8	7.56	98	443463	47.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.82%
43) trans-1,3-Dichloropropene-	7.85	79	72842	43.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.94%
47) 2-Hexanone-d5	8.31	63	181228	93.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.84%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	244168	47.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	151357	51.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.62%

Target Compounds

					Ovalue
13) Acetone	2.32	43	8944	3.017 ug/L	96
33) Benzene	5.39	78	30079m	2.433 ug/L	
51) Chlorobenzene	9.12	112	51592	6.634 ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	20899	4.341 ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	111435	22.484 ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	138110	28.371 ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	46479	14.842 ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	27347	8.270 ug/L	98

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

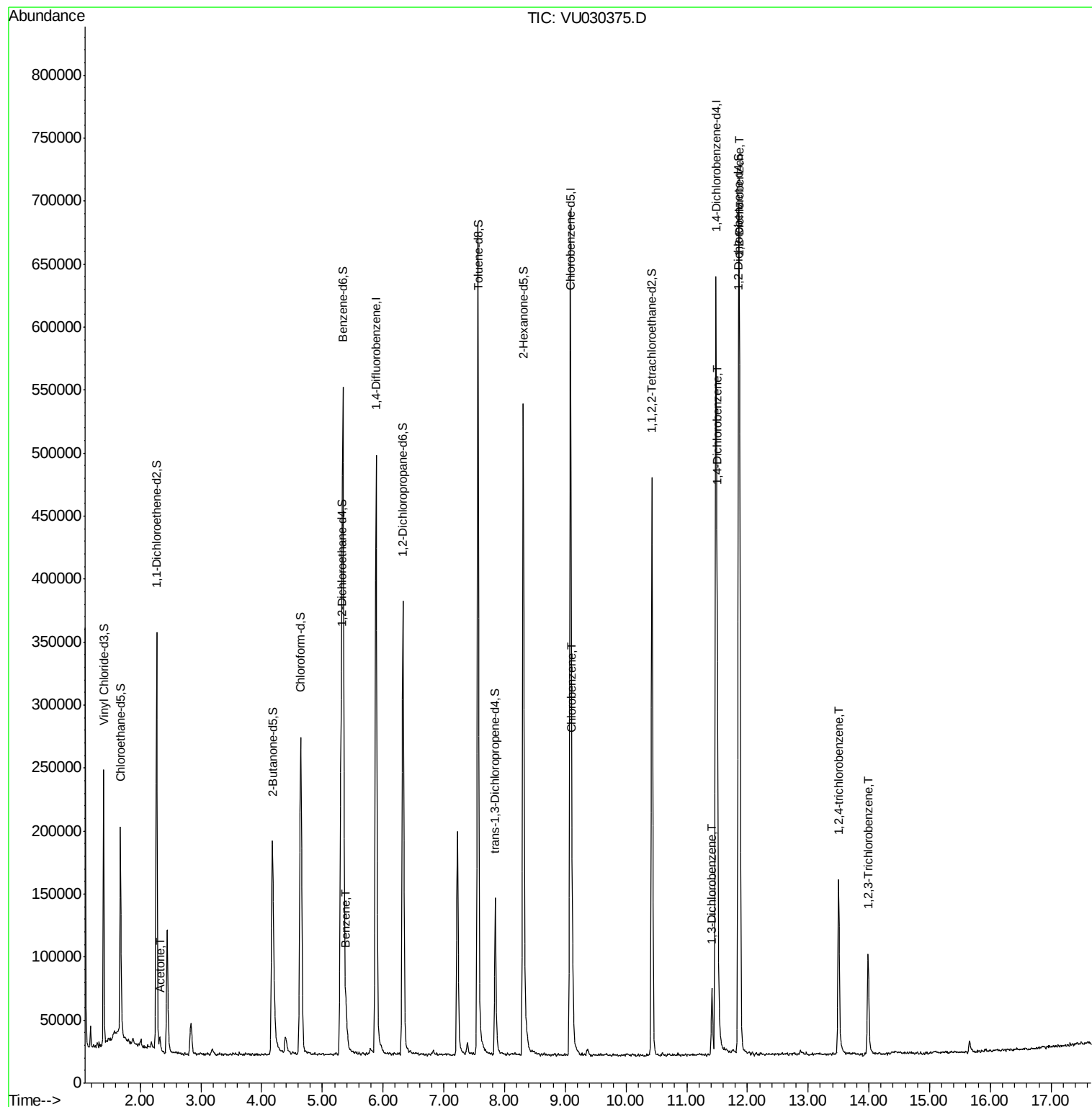
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032419\
Data File : VU030375.D
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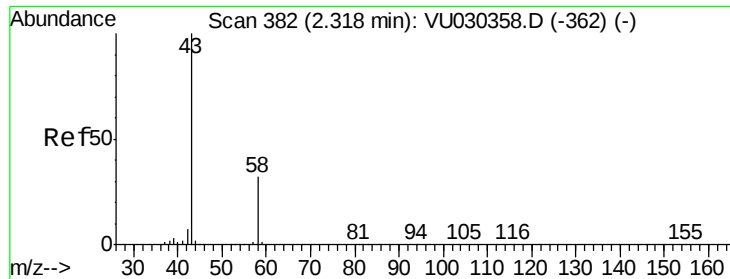
Instrument :
MSVOA_U
ClientSampleId :
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Quant Title : VOC Analysis
QLast Update : Mon Mar 25 03:20:51 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.017 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030375.D

Acq: 24 Mar 2019 17:01

Instrument :

MSVOA_U

ClientSampleId :

C0986

Tot Ion: 43 Resp: 8944

Ion Ratio Lower Upper

43 100

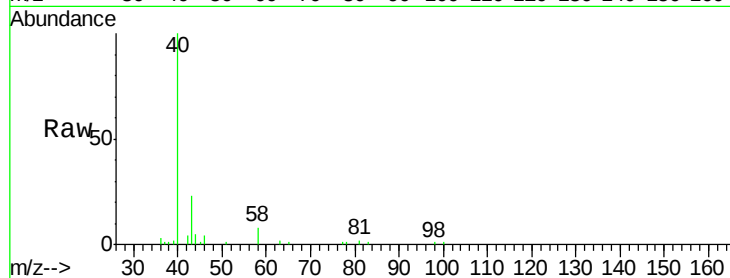
58 29.1 0.0 62.8

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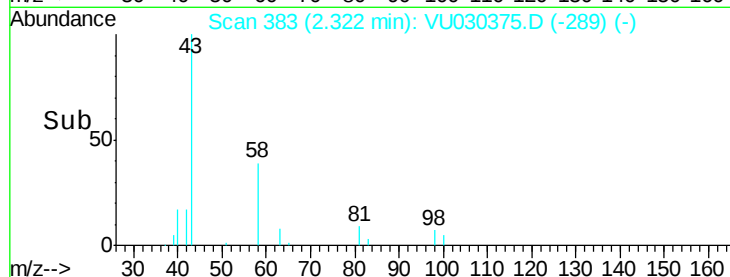


Abundance Ion 43.00 (42.70 to 43.70): VU030375.D (-289) (-)

Ion 58.00 (57.70 to 58.70): VU030375.D (-289) (-)

2.32

Time-->



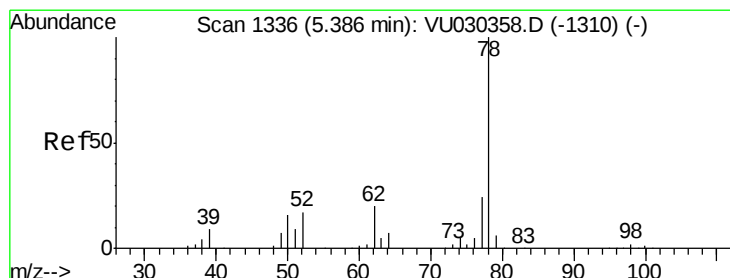
Abundance

Ion 43.00 (42.70 to 43.70): VU030375.D (-289) (-)

Ion 58.00 (57.70 to 58.70): VU030375.D (-289) (-)

2.32

Time-->



#33

Benzene

Concen: 2.433 ug/L m

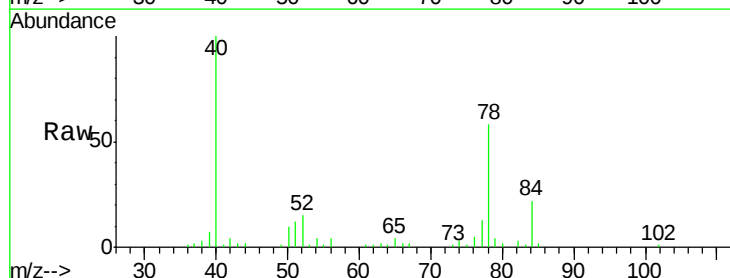
RT: 5.39 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU030375.D

Acq: 24 Mar 2019 17:01

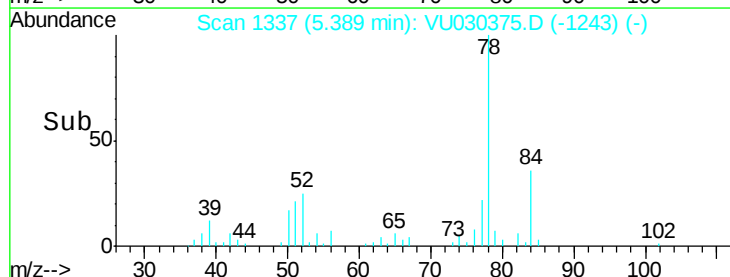
Tgt Ion: 78 Resp: 30079



Abundance Ion 78.00 (77.70 to 78.70): VU030375.D (-1243) (-)

5.39

Time-->

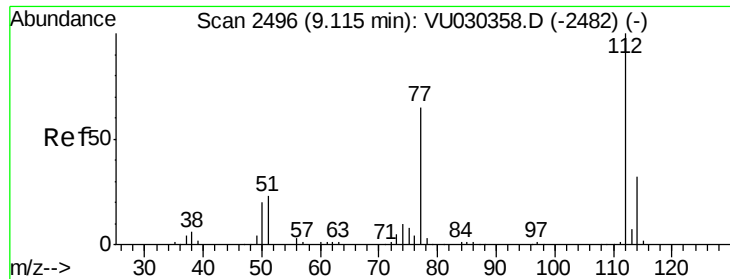


Abundance

Ion 78.00 (77.70 to 78.70): VU030375.D (-1243) (-)

5.39

Time-->



#51

Chlorobenzene

Concen: 6.634 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. 0.00 min

Lab File: VU030375.D

Acq: 24 Mar 2019 17:01

Instrument :

MSVOA_U

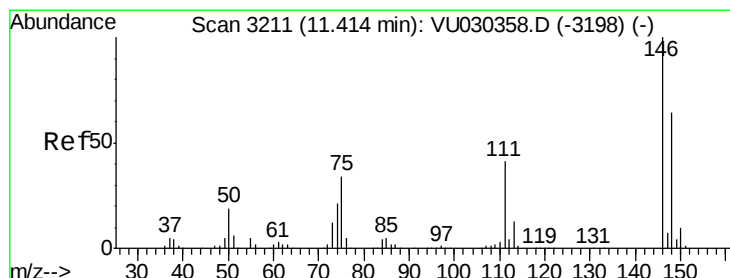
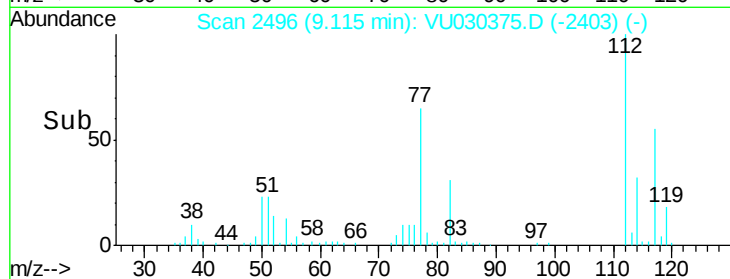
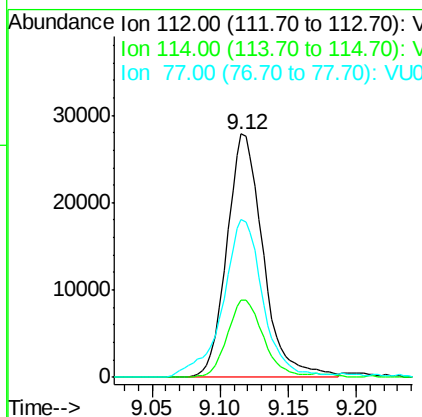
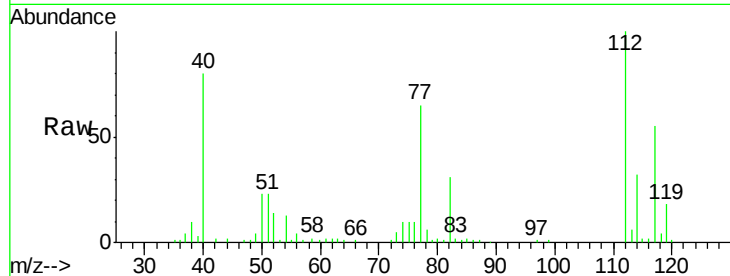
ClientSampleId :

C0986

Tot Ion:	112	Resp:	51592
Ion Ratio	Lower	Upper	
112	100		
114	32.0	21.5	39.9
77	65.1	51.4	77.0

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#62

1,3-Dichlorobenzene

Concen: 4.341 ug/L

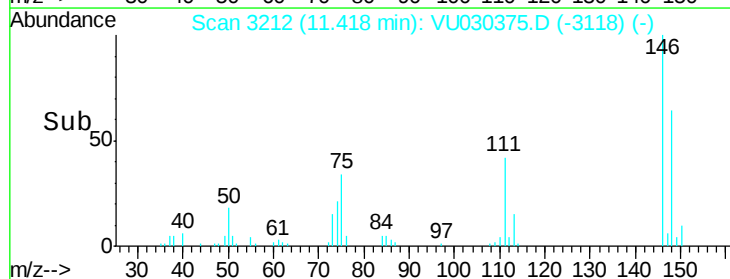
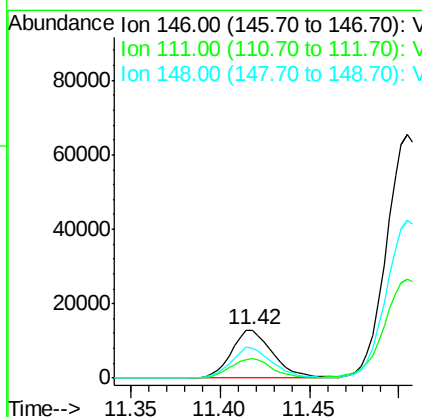
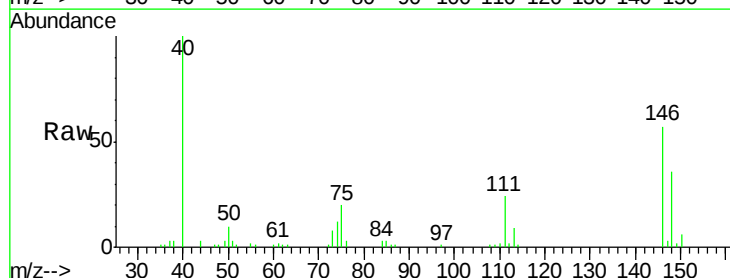
RT: 11.42 min Scan# 3212

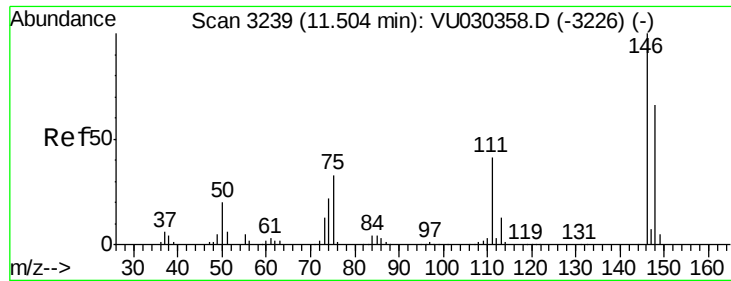
Delta R.T. 0.00 min

Lab File: VU030375.D

Acq: 24 Mar 2019 17:01

Tgt Ion:	146	Resp:	20899
Ion Ratio	Lower	Upper	
146	100		
111	41.5	29.2	54.2
148	63.6	44.4	82.4





#63

1,4-Dichlorobenzene

Concen: 22.484 ug/L

RT: 11.50 min Scan# 3239

Delta R.T. 0.00 min

Lab File: VU030375.D

Acq: 24 Mar 2019 17:01

Instrument :

MSVOA_U

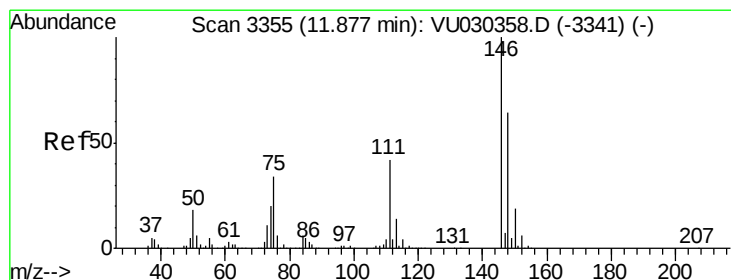
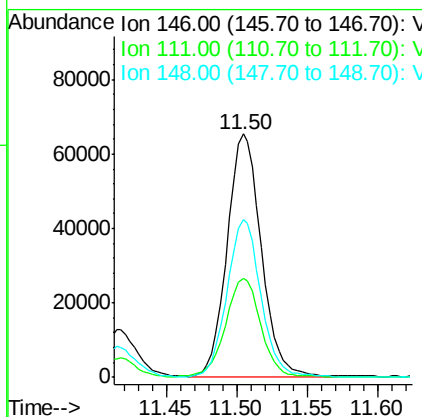
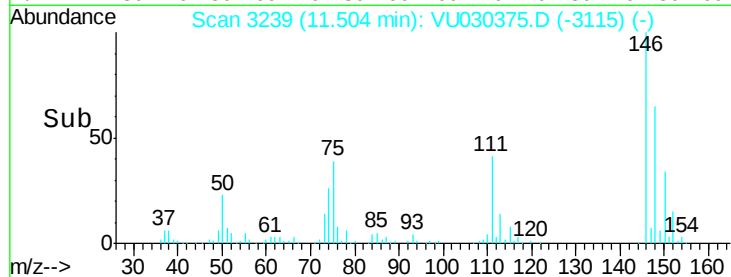
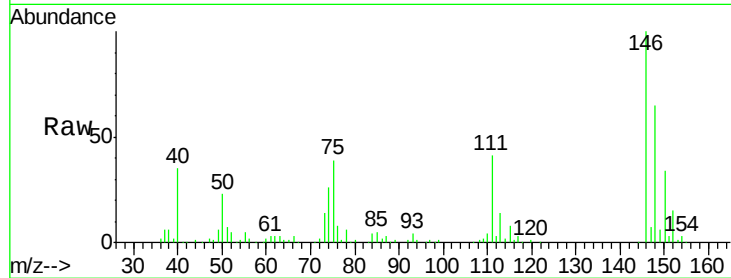
ClientSampleId :

C0986

Tot Ion:	146	Resp:	111435
Ion Ratio	Lower	Upper	
146	100		
111	40.7	28.7	53.3
148	65.1	44.3	82.3

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#65

1,2-Dichlorobenzene

Concen: 28.371 ug/L

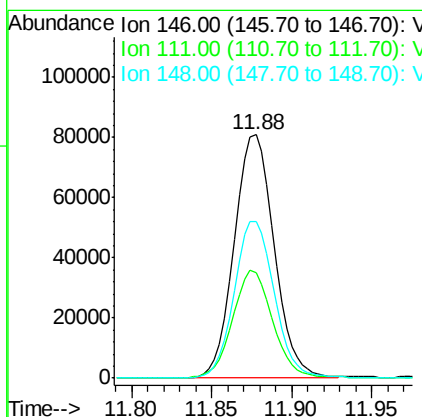
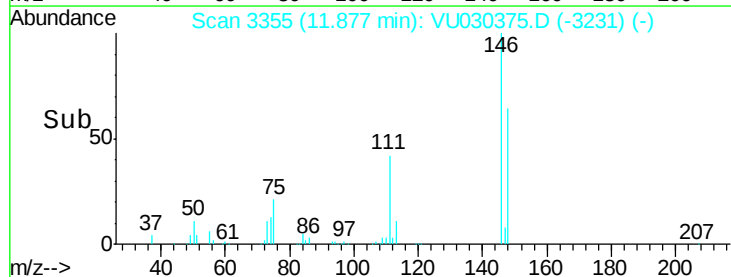
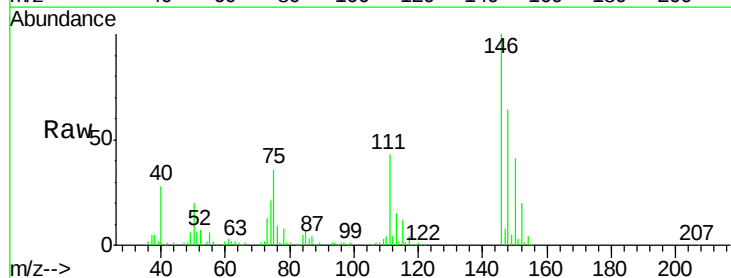
RT: 11.88 min Scan# 3355

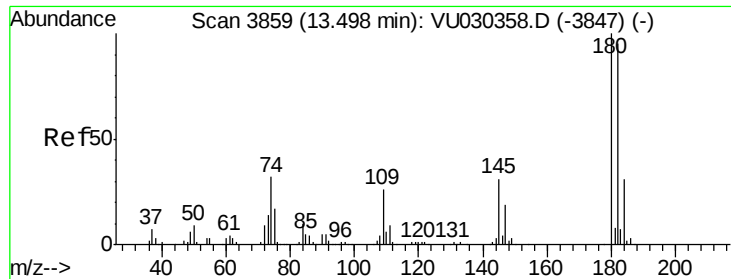
Delta R.T. 0.00 min

Lab File: VU030375.D

Acq: 24 Mar 2019 17:01

Tgt Ion:	146	Resp:	138110
Ion Ratio	Lower	Upper	
146	100		
111	43.2	34.9	52.3
148	64.3	51.2	76.8





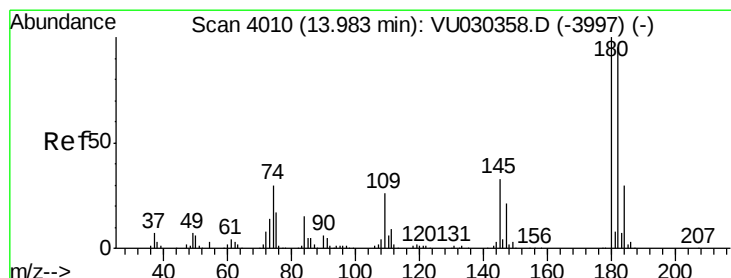
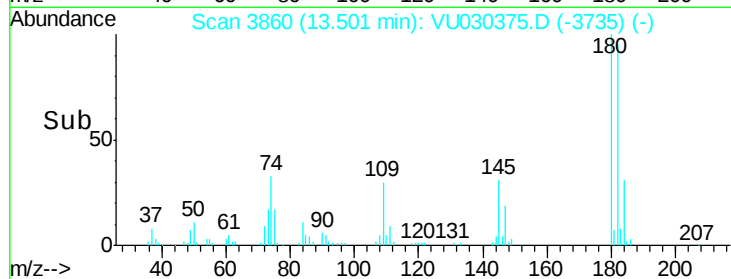
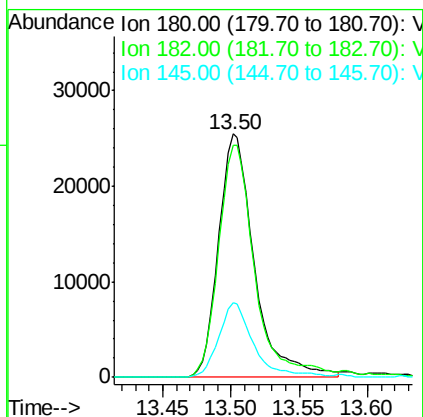
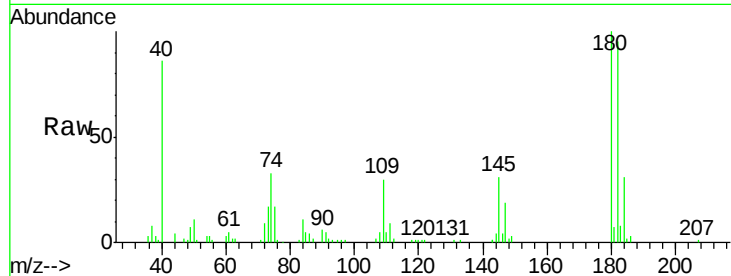
#68
 1,2,4-trichlorobenzene
 Concen: 14.842 ug/L
 RT: 13.50 min Scan# 3860
 Delta R.T. 0.00 min
 Lab File: VU030375.D
 Acq: 24 Mar 2019 17:01

Instrument :
 MSVOA_U
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.1	114.1
145	28.8	24.5	36.7

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#70
 1,2,3-Trichlorobenzene
 Concen: 8.270 ug/L
 RT: 13.99 min Scan# 4011
 Delta R.T. 0.00 min
 Lab File: VU030375.D
 Acq: 24 Mar 2019 17:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.5	77.4	116.2
145	31.8	25.9	38.9

