

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060619\
 Data File : VU032515.D
 Acq On : 06 Jun 2019 22:18
 Operator : JC/SP
 Sample : K3224-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C59

Quant Time: Jun 07 07:01:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 05:48:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	205011	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	194824	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	102229	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	40340	30.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.66%
7) Chloroethane-d5	1.68	69	37995	35.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.10%
11) 1,1-Dichloroethene-d2	2.27	63	66325	25.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.94%#
21) 2-Butanone-d5	4.17	46	106458	95.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.64%
24) Chloroform-d	4.64	84	103524	41.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.46%
26) 1,2-Dichloroethane-d4	5.30	65	70599	45.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.36%
32) Benzene-d6	5.33	84	211370	41.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.58%
36) 1,2-Dichloropropane-d6	6.32	67	69200	43.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.26%
41) Toluene-d8	7.56	98	198987	41.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.98%
43) trans-1,3-Dichloropropene-	7.85	79	30707	40.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.92%
47) 2-Hexanone-d5	8.31	63	70008	91.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	104182	45.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.68%
64) 1,2-Dichlorobenzene-d4	11.85	152	93475	47.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.48%

Target Compounds

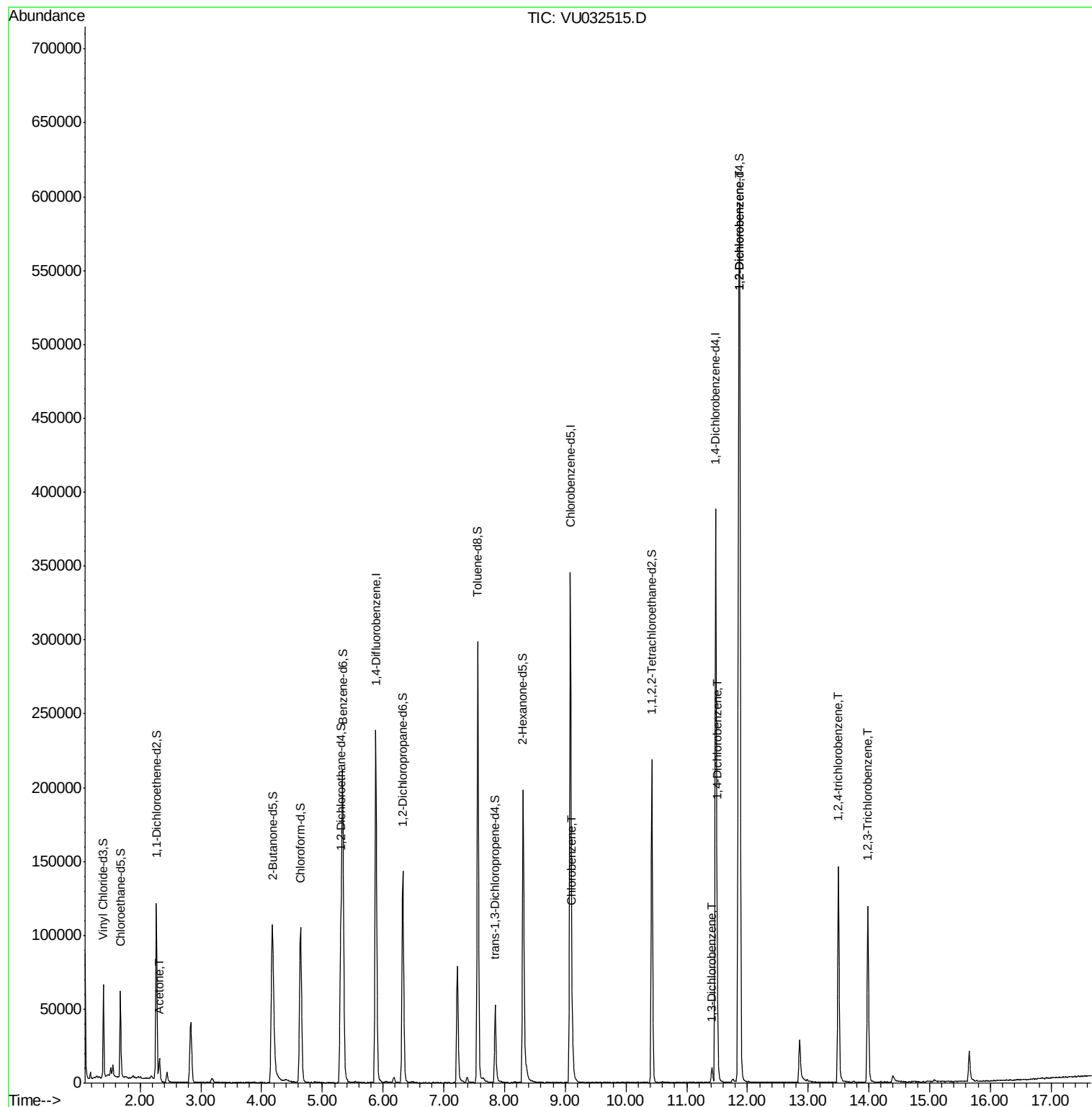
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	15904	13.848	ug/L	98
51) Chlorobenzene	9.12	112	22126	5.729	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	4628	1.496	ug/L	96
63) 1,4-Dichlorobenzene	11.50	146	25935	8.202	ug/L	96
65) 1,2-Dichlorobenzene	11.87	146	209668	67.053	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	48756	23.917	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	40153	18.926	ug/L	100

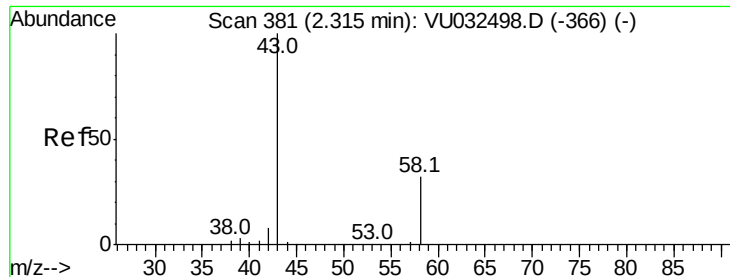
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 07 05:48:54 2019
Response via : Initial Calibration





#13

Acetone

Concen: 13.848 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032515.D

Acq: 06 Jun 2019 22:18

Instrument :

MSVOA_U

ClientSampleId :

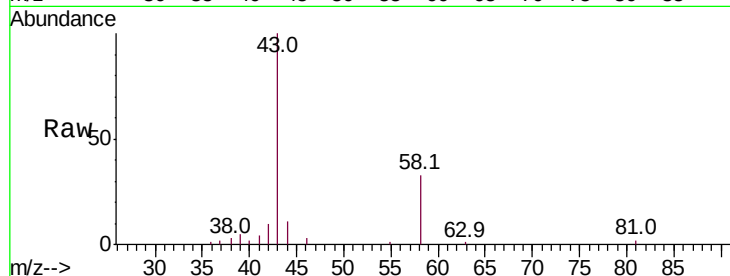
C0C59

Tot Ion: 43 Resp: 15904

Ion Ratio Lower Upper

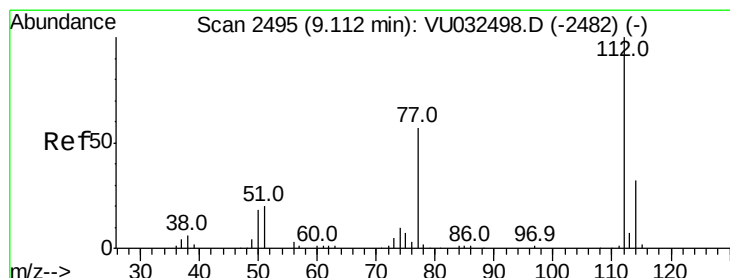
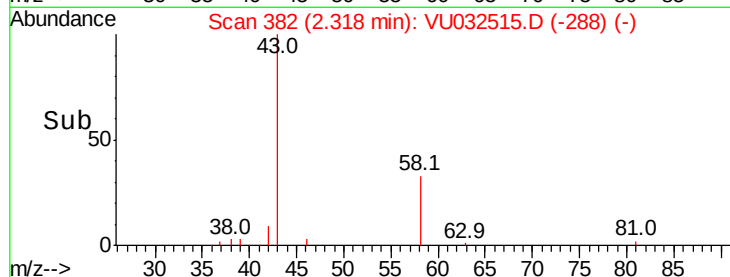
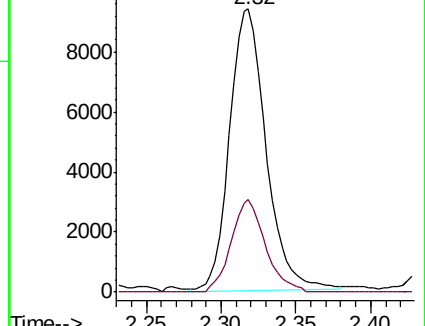
43 100

58 30.7 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032515.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU032515.D (-288) (-)



#51

Chlorobenzene

Concen: 5.729 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. 0.00 min

Lab File: VU032515.D

Acq: 06 Jun 2019 22:18

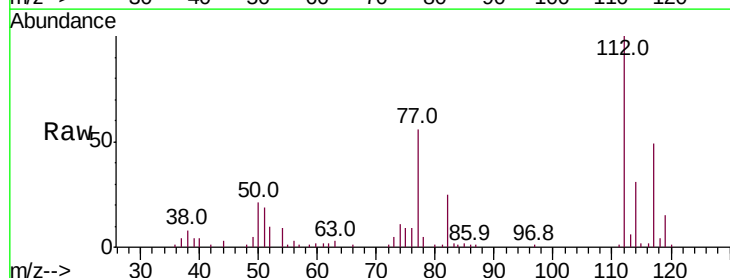
Tgt Ion: 112 Resp: 22126

Ion Ratio Lower Upper

112 100

114 31.1 22.6 42.0

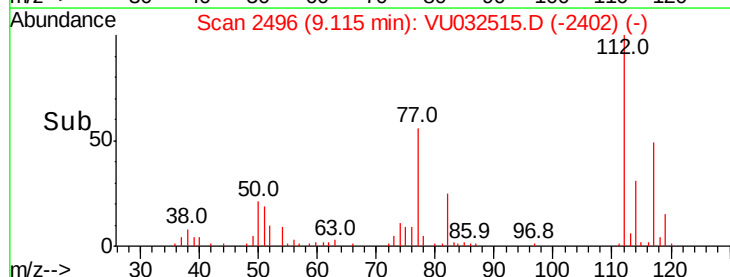
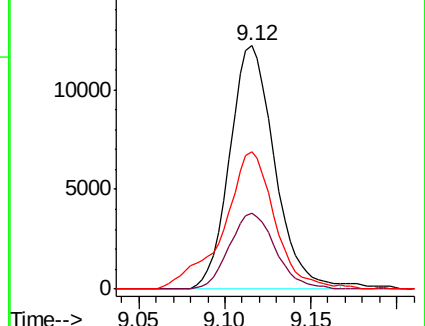
77 56.4 46.1 69.1

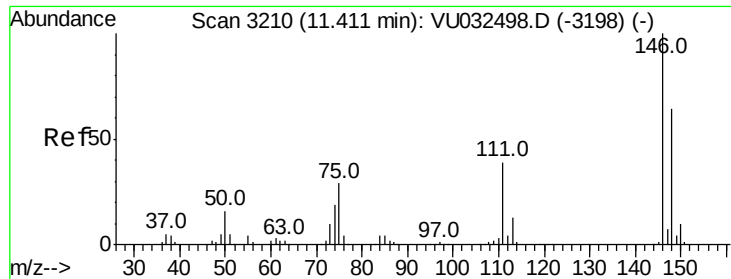


Abundance Ion 112.00 (111.70 to 112.70): VU032515.D (-2402) (-)

Ion 114.00 (113.70 to 114.70): VU032515.D (-2402) (-)

Ion 77.00 (76.70 to 77.70): VU032515.D (-2402) (-)





#62

1,3-Dichlorobenzene

Concen: 1.496 ug/L

RT: 11.42 min Scan# 3212

Delta R.T. 0.01 min

Lab File: VU032515.D

Acq: 06 Jun 2019 22:18

Instrument :

MSVOA_U

ClientSampleId :

C0C59

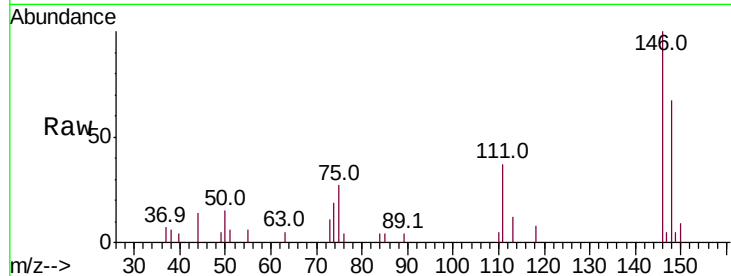
Tot Ion:146 Resp: 4628

Ion Ratio Lower Upper

146 100

111 37.2 27.3 50.7

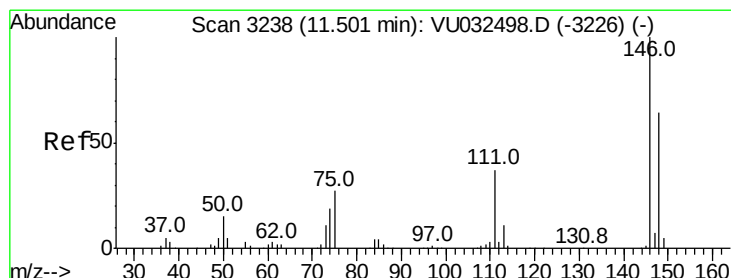
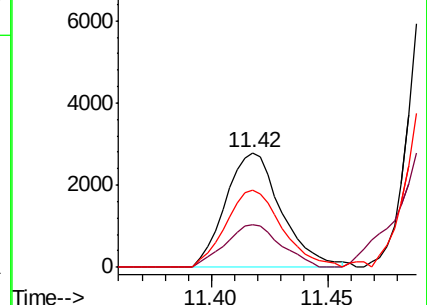
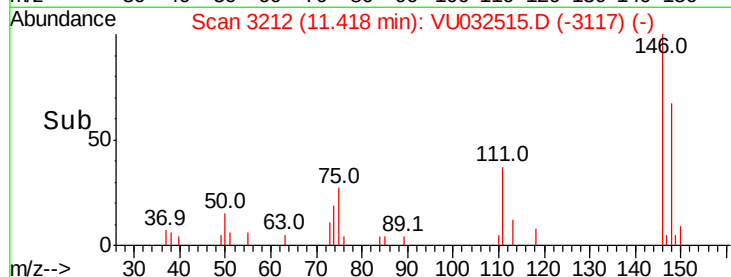
148 67.0 44.4 82.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 8.202 ug/L

RT: 11.50 min Scan# 3239

Delta R.T. 0.00 min

Lab File: VU032515.D

Acq: 06 Jun 2019 22:18

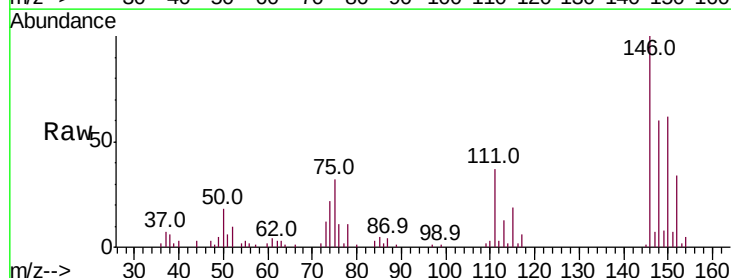
Tgt Ion:146 Resp: 25935

Ion Ratio Lower Upper

146 100

111 36.7 26.6 49.4

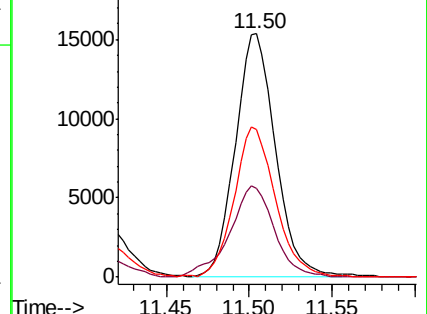
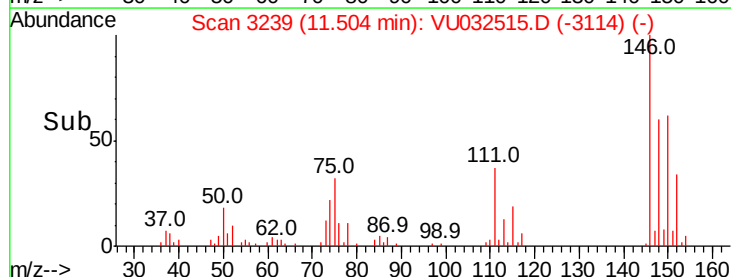
148 60.4 44.9 83.5

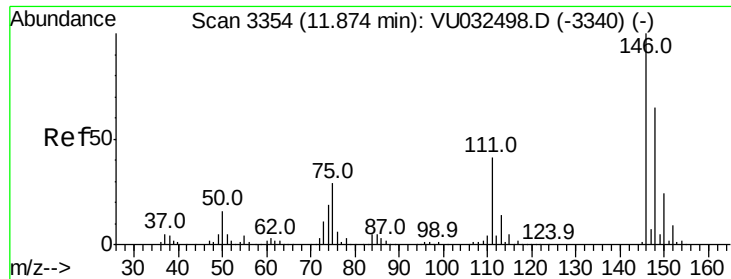


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

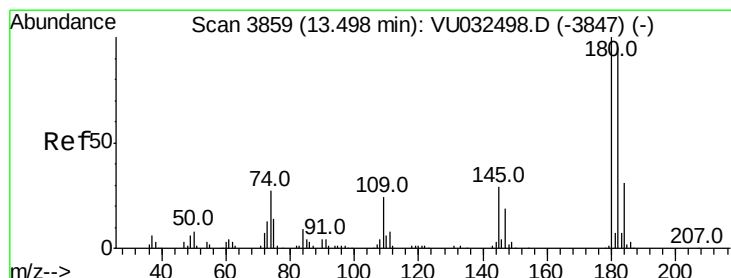
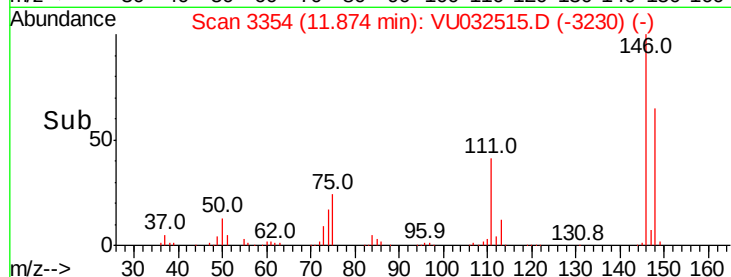
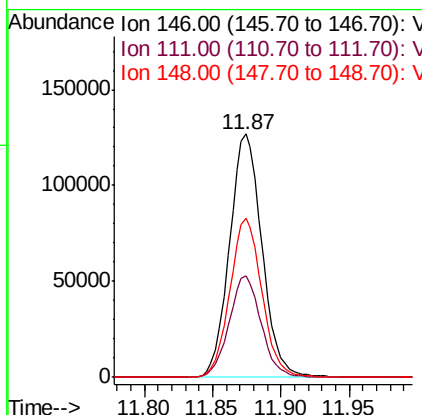
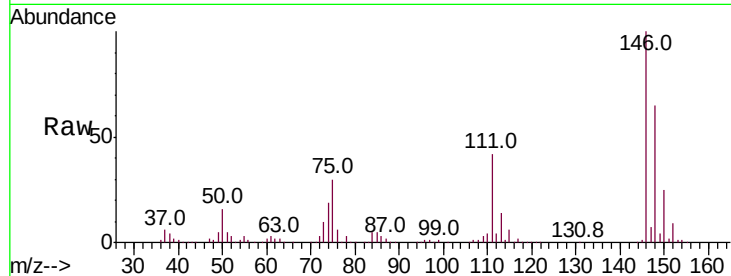




#65
 1,2-Dichlorobenzene
 Concen: 67.053 ug/L
 RT: 11.87 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VU032515.D
 Acq: 06 Jun 2019 22:18

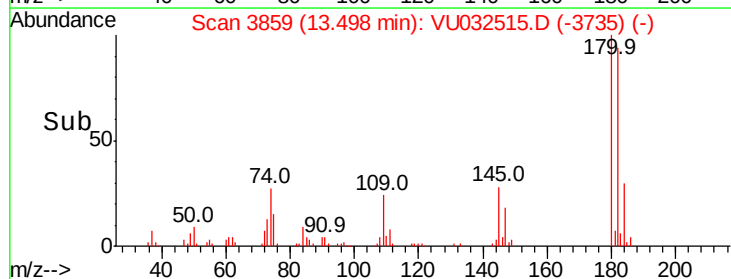
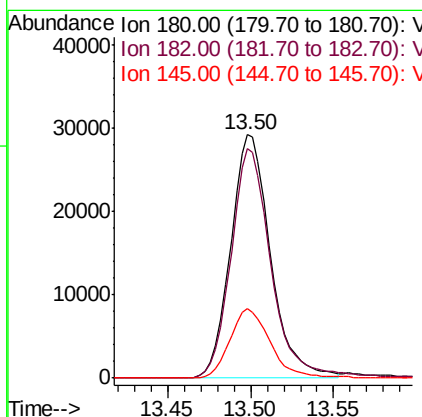
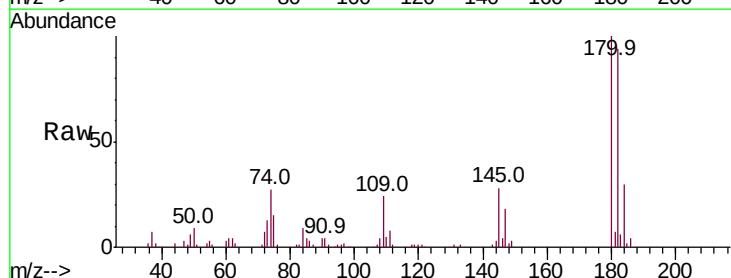
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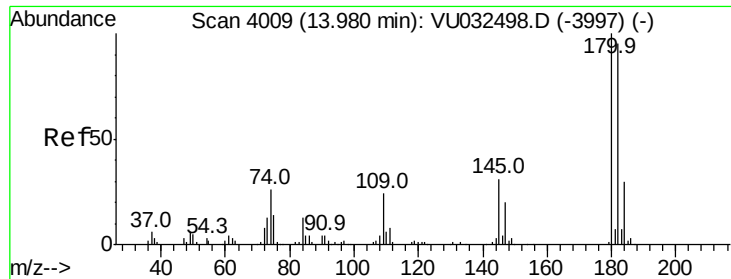
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	32.6	48.8
148	65.3	50.5	75.7



#68
 1,2,4-trichlorobenzene
 Concen: 23.917 ug/L
 RT: 13.50 min Scan# 3859
 Delta R.T. -0.00 min
 Lab File: VU032515.D
 Acq: 06 Jun 2019 22:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.5	114.7
145	28.6	23.8	35.6

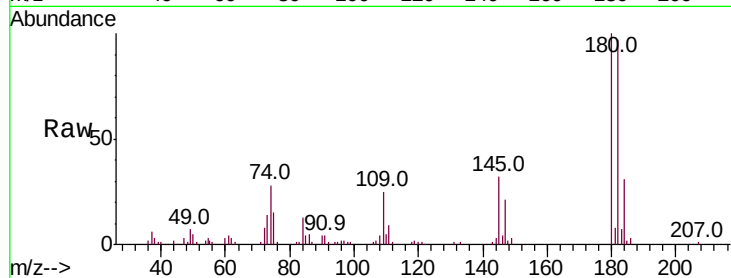




#70
 1,2,3-Trichlorobenzene
 Concen: 18.926 ug/L
 RT: 13.98 min Scan# 4010
 Delta R.T. 0.00 min
 Lab File: VU032515.D
 Acq: 06 Jun 2019 22:18

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C59

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.7	115.1
145	31.7	25.4	38.2



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

