

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011520\
 Data File : VU036475.D
 Acq On : 15 Jan 2020 17:25
 Operator : JC/MD
 Sample : L1139-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0D46

Quant Time: Jan 16 06:33:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 05:57:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	458703	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	438426	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	182584	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	134866	45.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.70%
7) Chloroethane-d5	1.93	69	118894	46.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.36%
11) 1,1-Dichloroethene-d2	2.59	63	203890	35.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.42%
21) 2-Butanone-d5	4.68	46	259875	101.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.64%
24) Chloroform-d	5.11	84	290532	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.14%
26) 1,2-Dichloroethane-d4	5.75	65	198623	50.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.92%
32) Benzene-d6	5.77	84	567934	49.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.06%
36) 1,2-Dichloropropane-d6	6.73	67	185784	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.64%
41) Toluene-d8	7.93	98	524196	48.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.68%
43) trans-1,3-Dichloropropene-	8.21	79	94128	46.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.72%
47) 2-Hexanone-d5	8.67	63	190985	99.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.94%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	275153	49.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.10%
64) 1,2-Dichlorobenzene-d4	12.21	152	179931	50.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.06%

Target Compounds

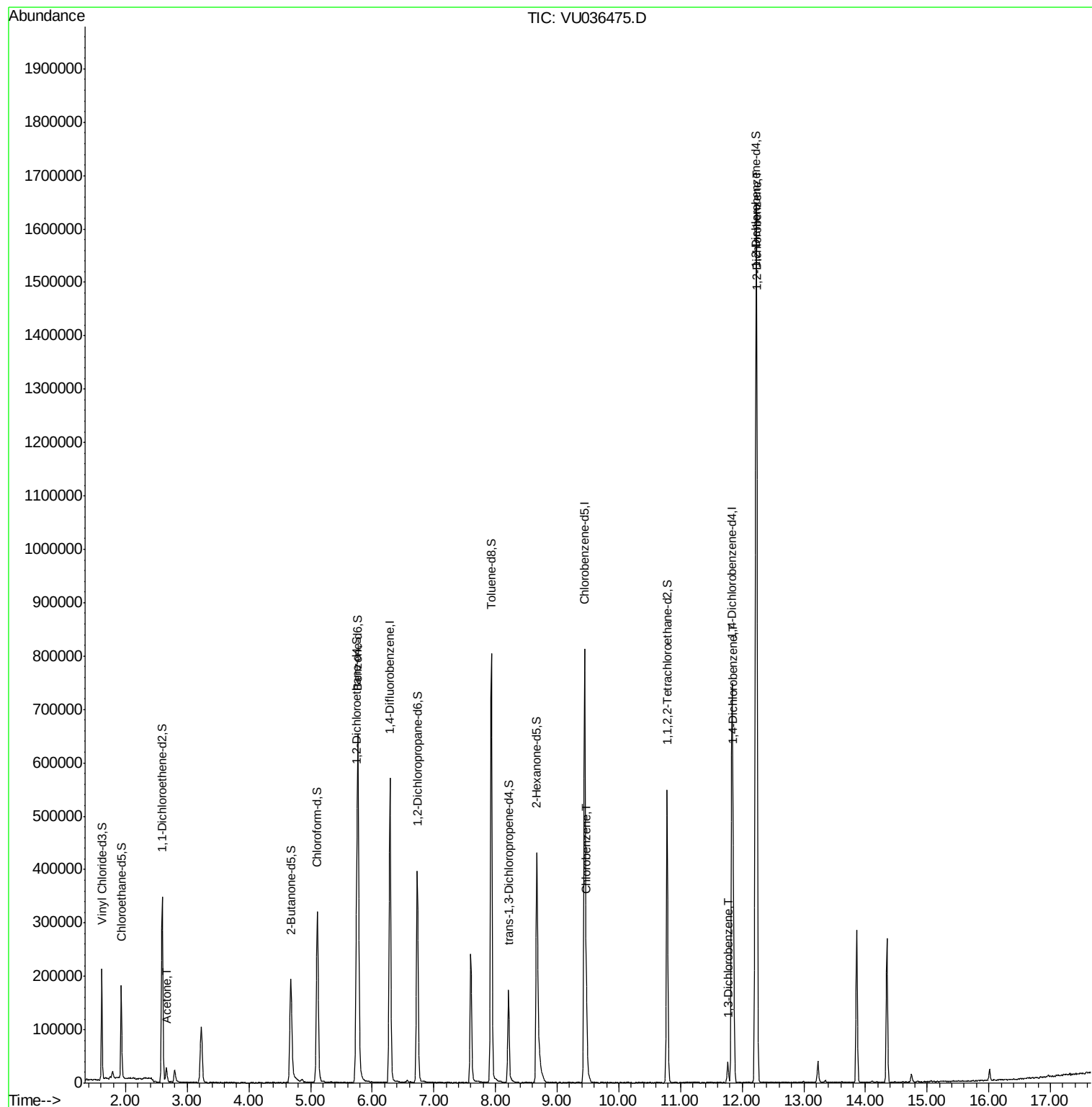
					Ovalue
13) Acetone	2.66	43	28065	10.142	ug/L 99
51) Chlorobenzene	9.48	112	81715	9.497	ug/L 98
62) 1,3-Dichlorobenzene	11.77	146	14365	2.499	ug/L 95
63) 1,4-Dichlorobenzene	11.86	146	114783	19.869	ug/L 97
65) 1,2-Dichlorobenzene	12.24	146	553975	97.685	ug/L 98

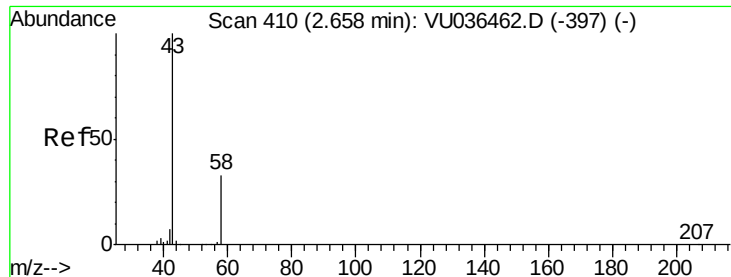
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.142 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU036475.D

Acq: 15 Jan 2020 17:25

Instrument :

MSVOA_U

ClientSampleId :

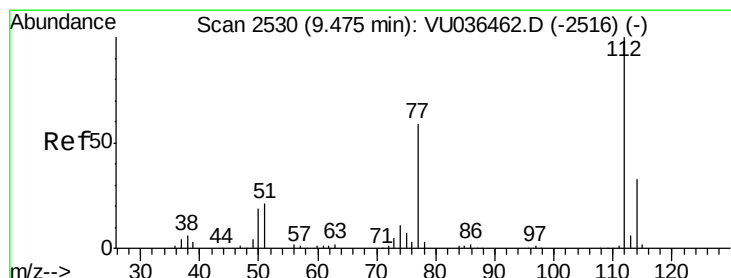
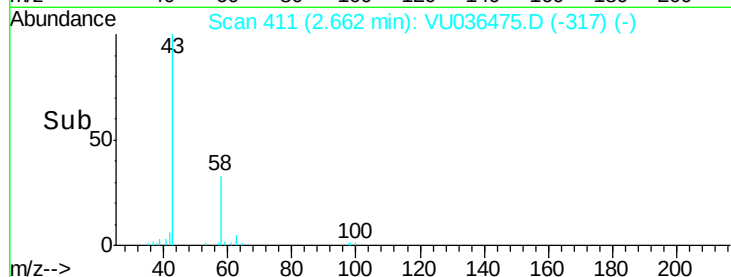
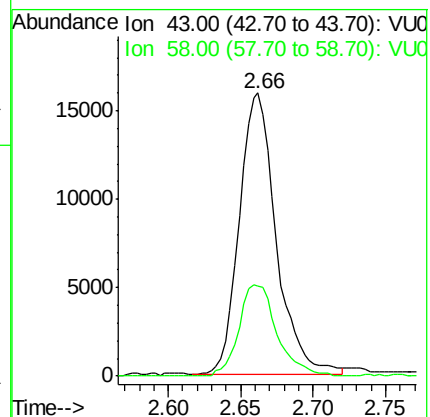
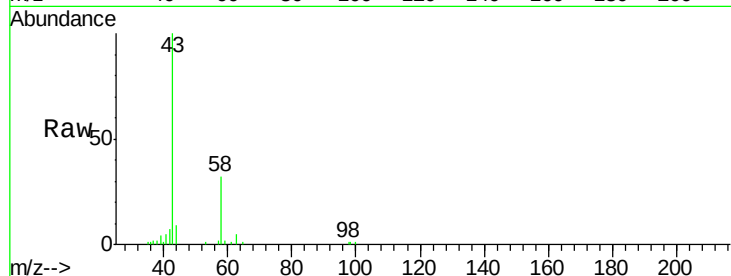
C0D46

Tot Ion: 43 Resp: 28065

Ion Ratio Lower Upper

43 100

58 33.3 0.0 65.0



#51

Chlorobenzene

Concen: 9.497 ug/L

RT: 9.48 min Scan# 2530

Delta R.T. 0.00 min

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Acq: 15 Jan 2020 17:25

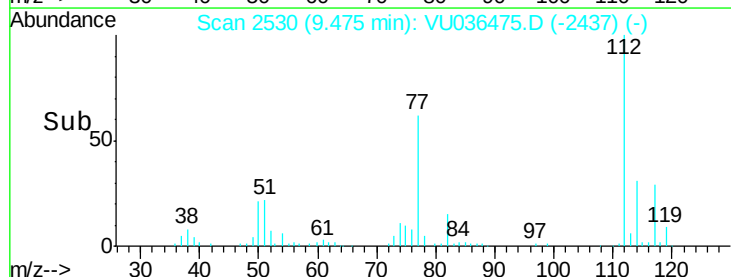
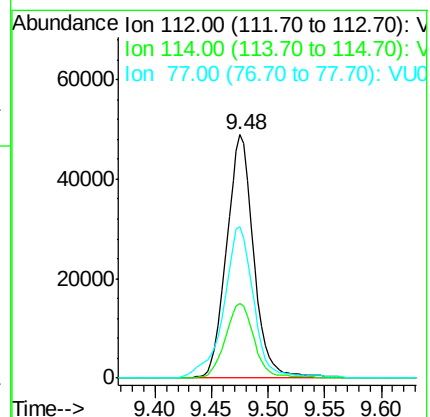
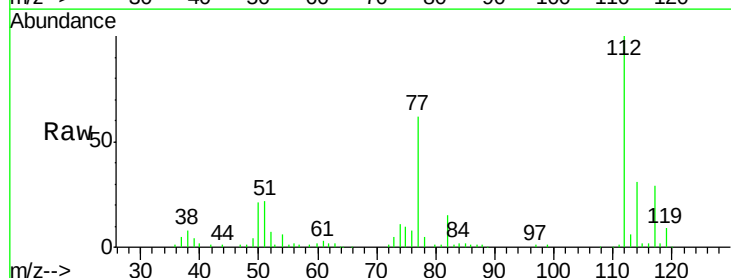
Tgt Ion: 112 Resp: 81715

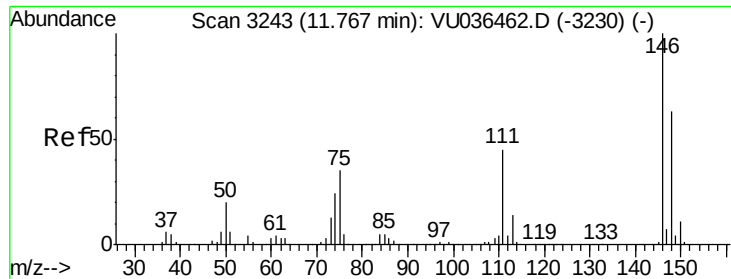
Ion Ratio Lower Upper

112 100

114 30.6 22.0 41.0

77 62.0 47.8 71.8

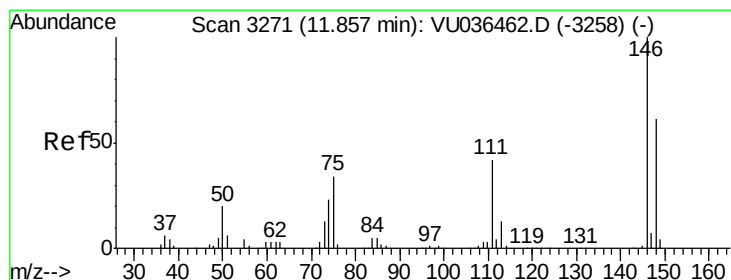
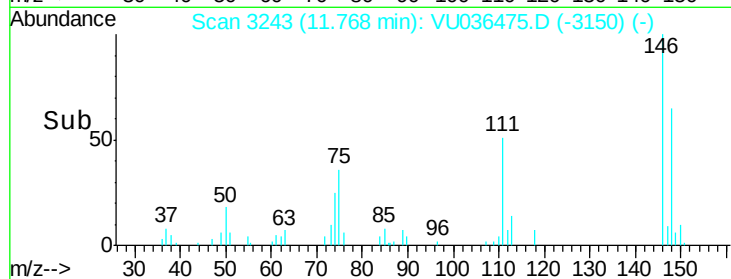
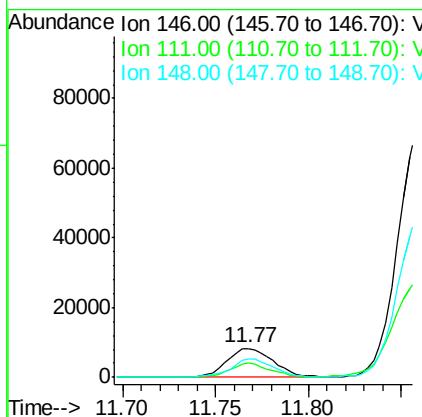
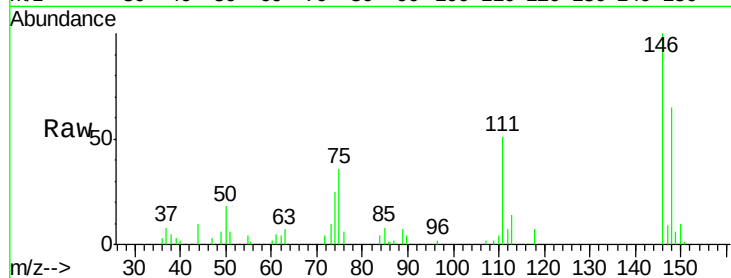




#62
 1,3-Dichlorobenzene
 Concen: 2.499 ug/L
 RT: 11.77 min Scan# 3243
 Delta R.T. 0.00 min
 Lab File: VU036475.D
 Acq: 15 Jan 2020 17:25

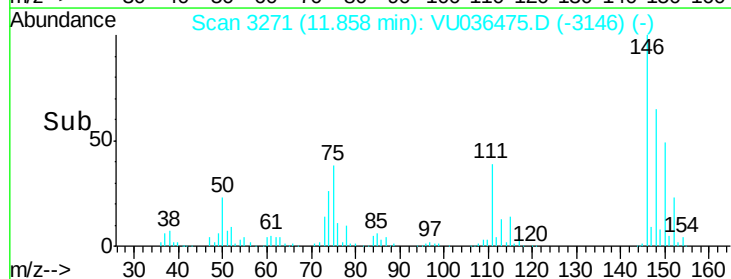
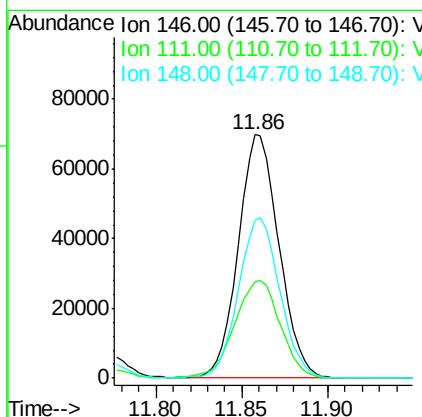
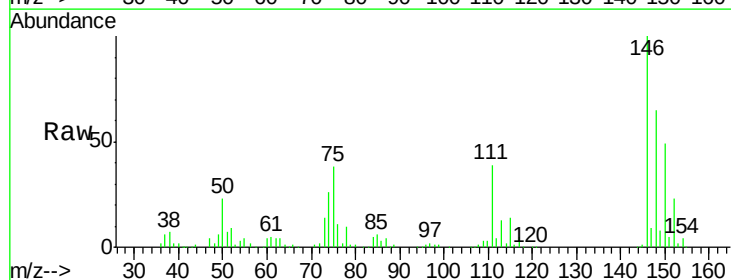
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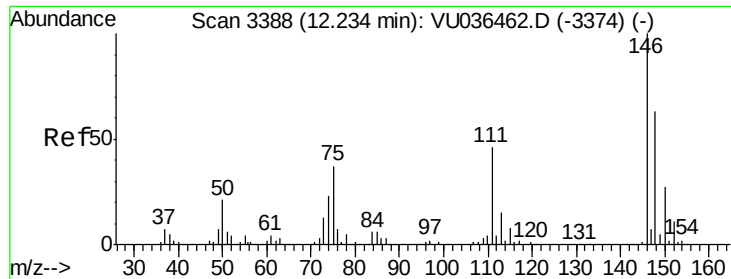
Tot Ion:146 Resp: 14365
 Ion Ratio Lower Upper
 146 100
 111 51.0 31.3 58.1
 148 64.7 44.7 82.9



#63
 1,4-Dichlorobenzene
 Concen: 19.869 ug/L
 RT: 11.86 min Scan# 3271
 Delta R.T. 0.00 min
 Lab File: VU036475.D
 Acq: 15 Jan 2020 17:25

Tgt Ion:146 Resp: 114783
 Ion Ratio Lower Upper
 146 100
 111 39.3 29.3 54.3
 148 65.0 43.8 81.3





#65
 1,2-Dichlorobenzene
 Concen: 97.685 ug/L
 RT: 12.24 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VU036475.D
 Acq: 15 Jan 2020 17:25

Instrument :
 MSVOA_U
 ClientSampleId :
 C0D46

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.2	37.0	55.4
148	63.9	52.3	78.5

