

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030420\
 Data File : VU037068.D
 Acq On : 05 Mar 2020 03:35
 Operator : JC/MD
 Sample : L1780-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DJ4

Quant Time: Mar 05 04:36:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 05 02:52:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	265635	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	247415	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	85746	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	91623	41.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.14%
7) Chloroethane-d5	1.92	69	94439	51.17	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.34%
11) 1,1-Dichloroethene-d2	2.59	63	121942	32.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.28%
21) 2-Butanone-d5	4.67	46	152791	102.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.11%
24) Chloroform-d	5.10	84	164620	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.66%
26) 1,2-Dichloroethane-d4	5.74	65	118063	51.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.42%
32) Benzene-d6	5.76	84	358380	50.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.18%
36) 1,2-Dichloropropane-d6	6.72	67	120140	51.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.66%
41) Toluene-d8	7.92	98	316718	47.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.42%
43) trans-1,3-Dichloropropene-	8.20	79	47759	44.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.68%
47) 2-Hexanone-d5	8.66	63	105676	93.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.24%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	168865	51.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.34%
64) 1,2-Dichlorobenzene-d4	12.21	152	89608	53.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.92%

Target Compounds

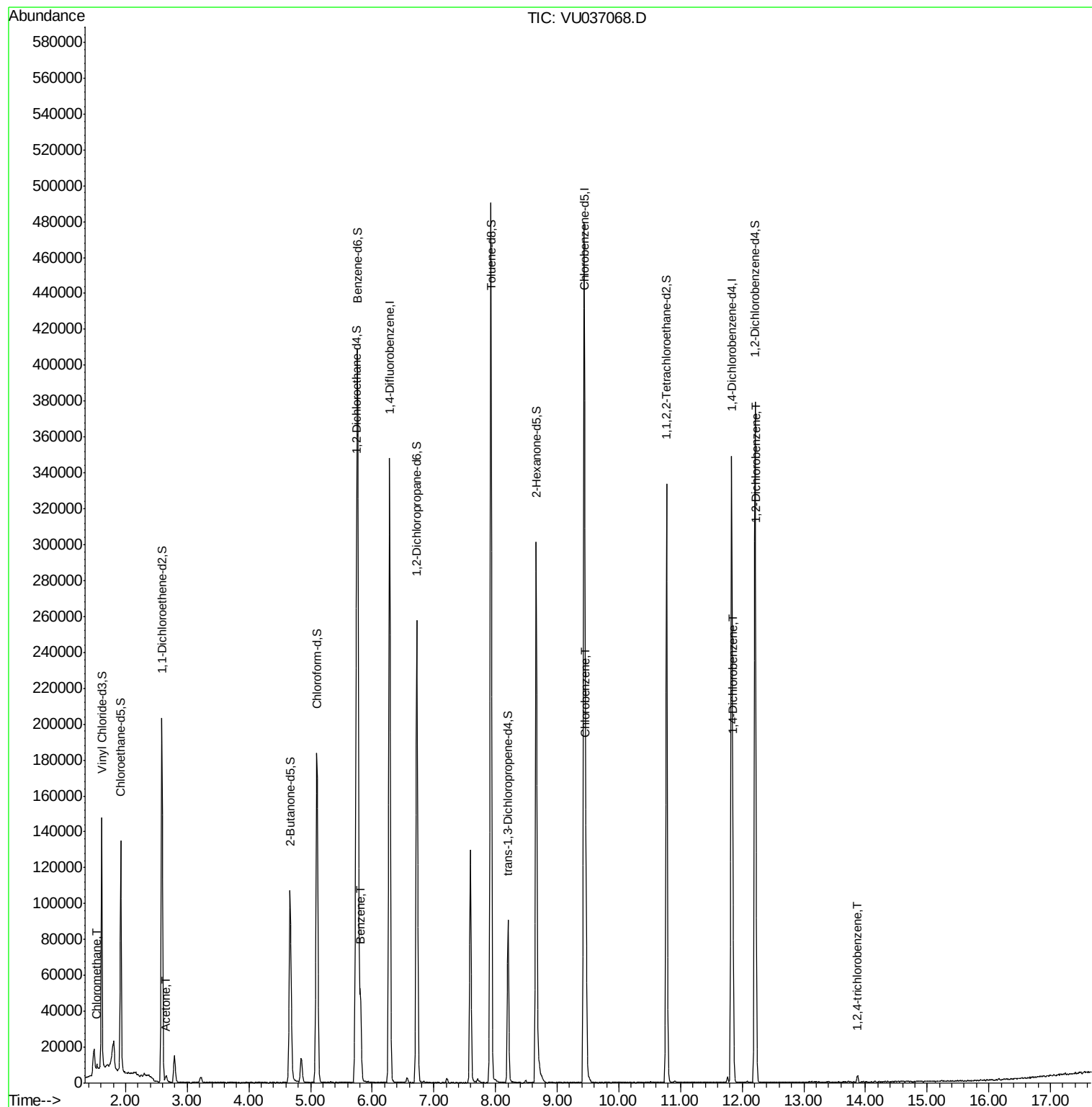
					Ovalue
3) Chloromethane	1.53	50	2810	1.084	ug/L 98
13) Acetone	2.66	43	3477	2.259	ug/L 95
33) Benzene	5.81	78	45325	5.799	ug/L 100
51) Chlorobenzene	9.47	112	60220	12.205	ug/L 98
63) 1,4-Dichlorobenzene	11.85	146	28118	10.232	ug/L 98
65) 1,2-Dichlorobenzene	12.23	146	15327	5.519	ug/L 96
68) 1,2,4-trichlorobenzene	13.87	180	1399	1.058	ug/L # 89

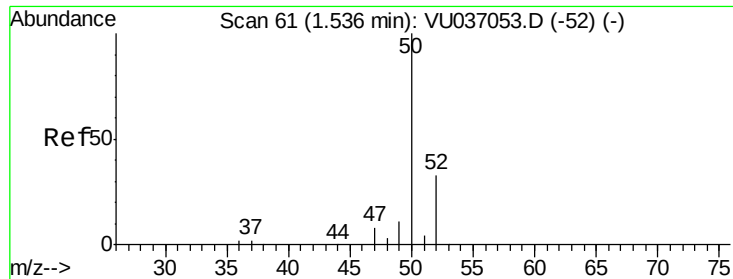
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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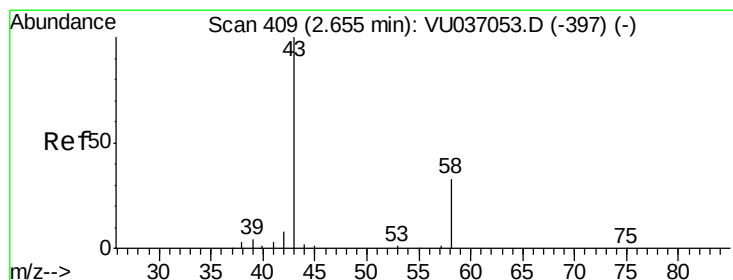
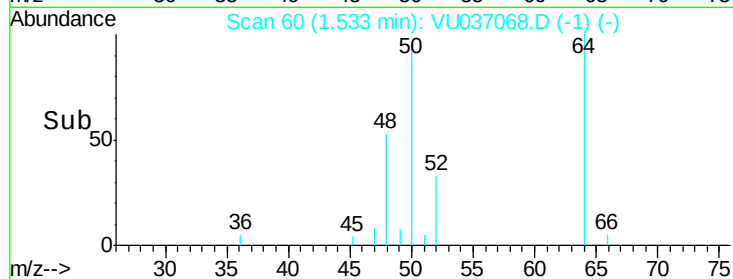
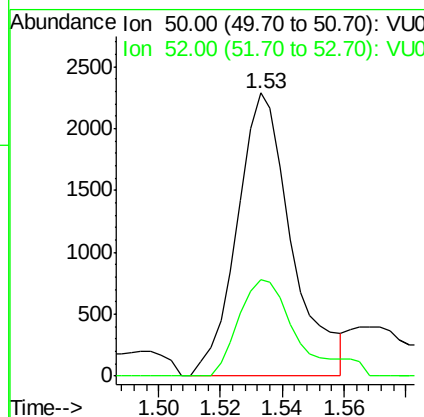
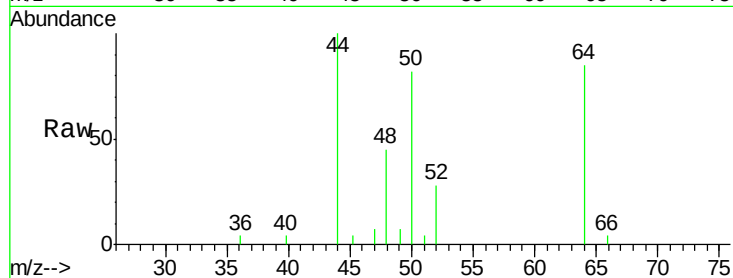




#3
 Chloromethane
 Concen: 1.084 ug/L
 RT: 1.53 min Scan# 60
 Delta R.T. -0.00 min
 Lab File: VU037068.D
 Acq: 05 Mar 2020 03:35

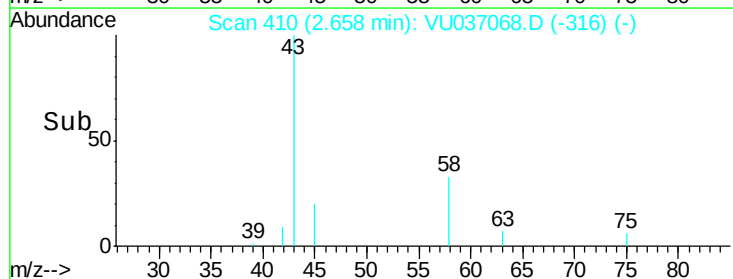
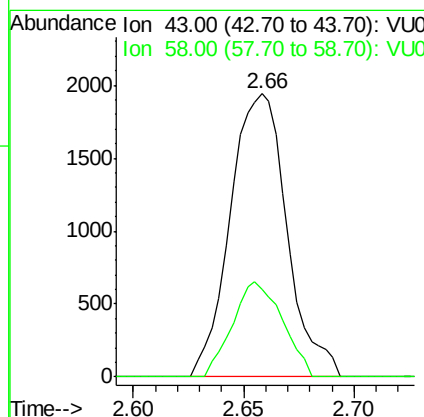
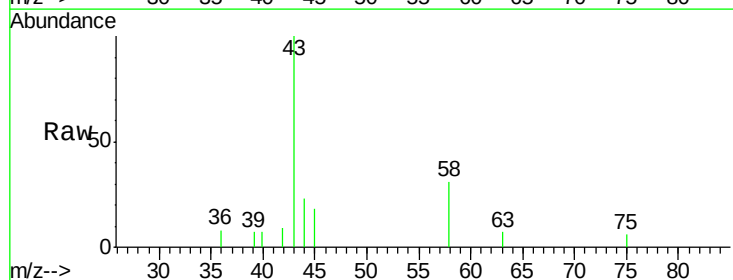
Instrument :
 MSVOA_U
 ClientSampleId :
 C0DJ4

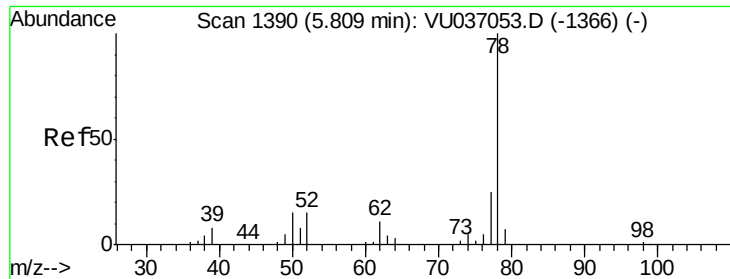
Tot Ion: 50 Resp: 2810
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.0 42.6



#13
 Acetone
 Concen: 2.259 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VU037068.D
 Acq: 05 Mar 2020 03:35

Tgt Ion: 43 Resp: 3477
 Ion Ratio Lower Upper
 43 100
 58 29.4 0.0 64.6





#33

Benzene

Concen: 5.799 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU037068.D

Acq: 05 Mar 2020 03:35

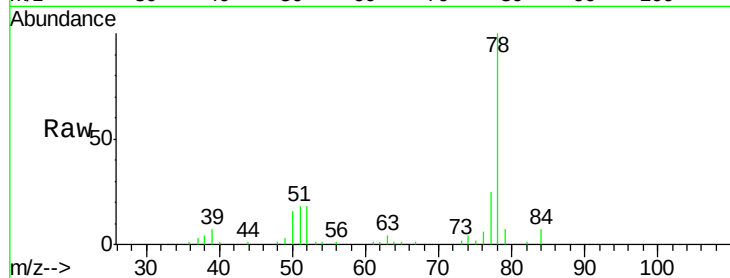
Instrument :

MSVOA_U

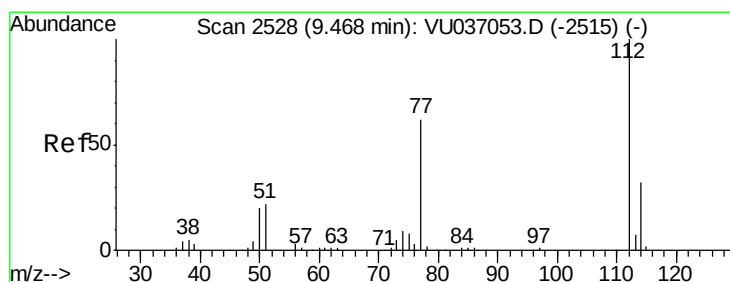
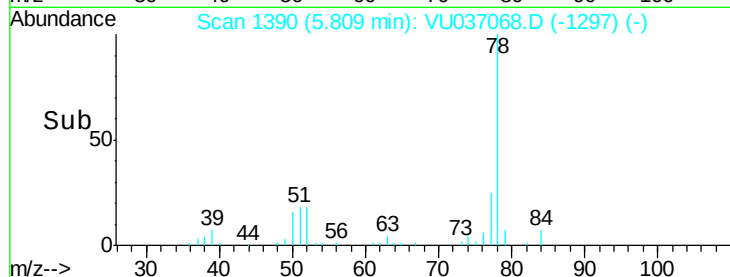
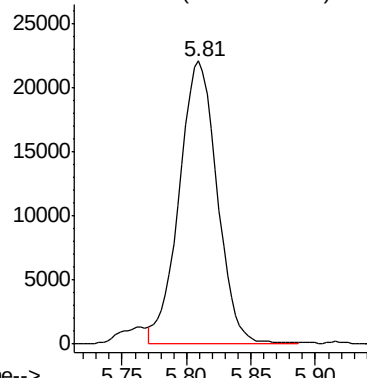
ClientSampleId :

C0DJ4

Tgt Ion: 78 Resp: 45325



Abundance Ion 78.00 (77.70 to 78.70): VU0



#51

Chlorobenzene

Concen: 12.205 ug/L

RT: 9.47 min Scan# 2528

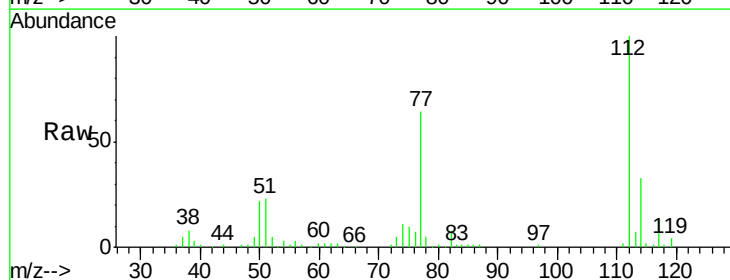
Delta R.T. -0.00 min

Lab File: VU037068.D

Acq: 05 Mar 2020 03:35

Tgt Ion: 112 Resp: 60220

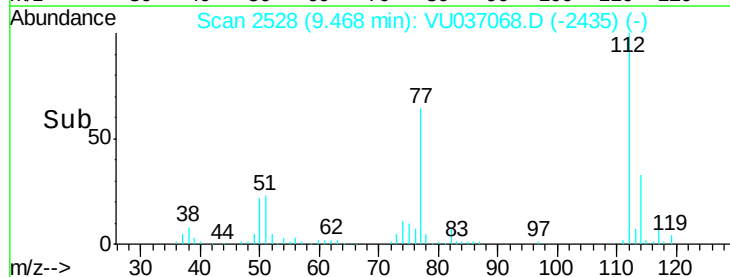
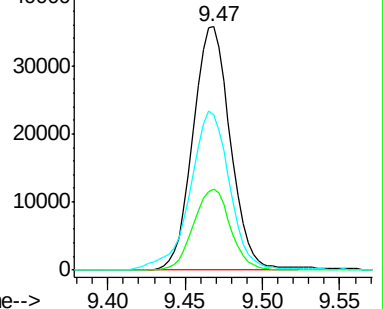
Ion	Ratio	Lower	Upper
112	100		
114	33.4	22.3	41.5
77	63.8	50.1	75.1

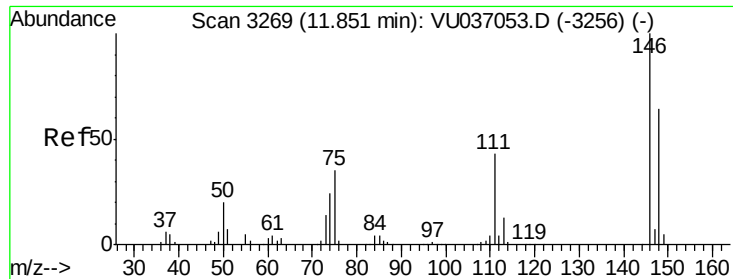


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0





#63

1,4-Dichlorobenzene

Concen: 10.232 ug/L

RT: 11.85 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU037068.D

Acq: 05 Mar 2020 03:35

Instrument :

MSVOA_U

ClientSampled :

C0DJ4

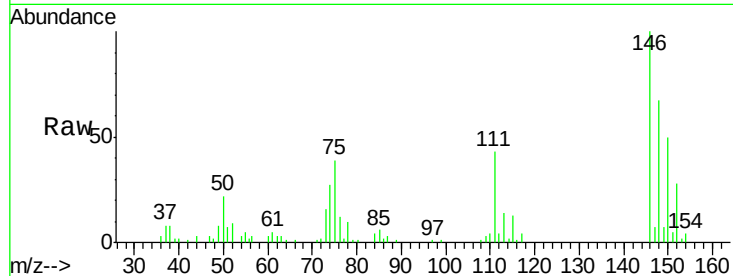
Tot Ion:146 Resp: 28118

Ion Ratio Lower Upper

146 100

111 43.0 29.8 55.4

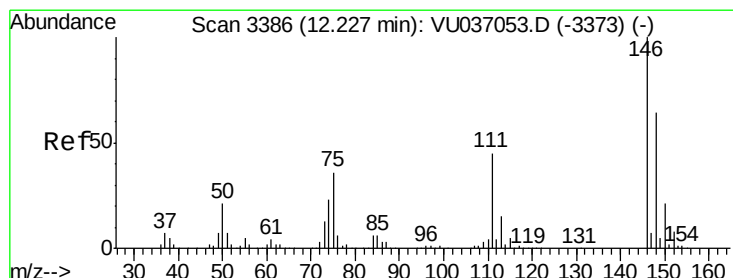
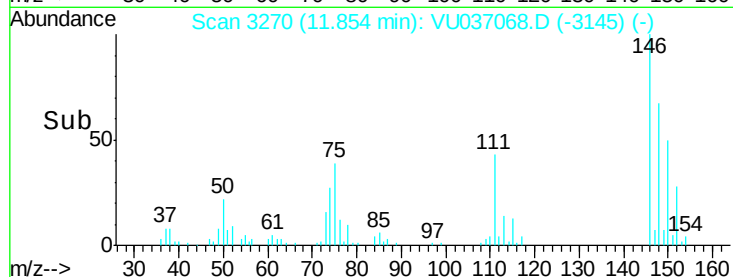
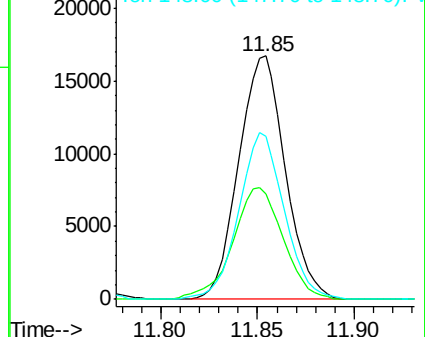
148 67.0 45.1 83.9



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: 5.519 ug/L

RT: 12.23 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU037068.D

Acq: 05 Mar 2020 03:35

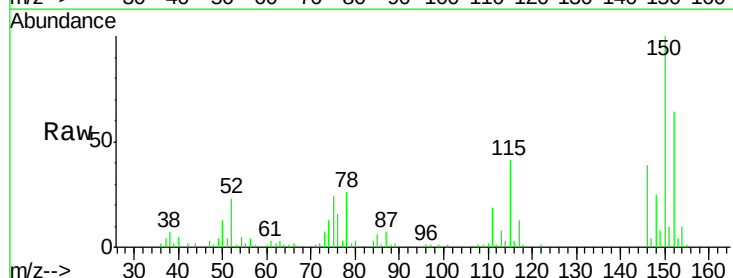
Tgt Ion:146 Resp: 15327

Ion Ratio Lower Upper

146 100

111 48.4 35.4 53.0

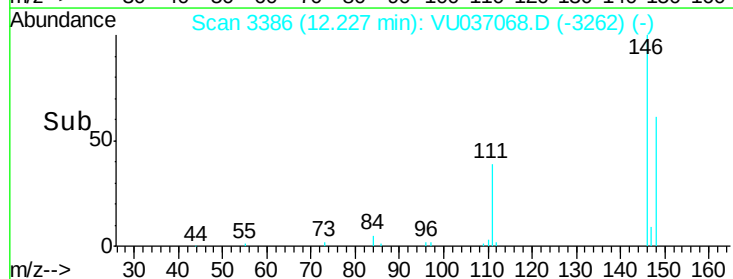
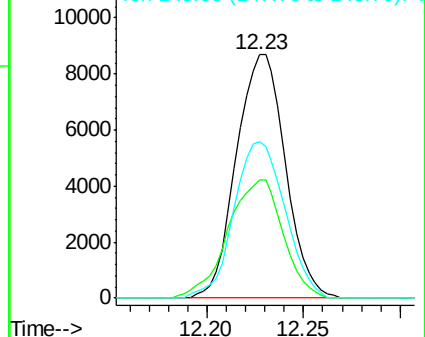
148 64.5 50.5 75.7

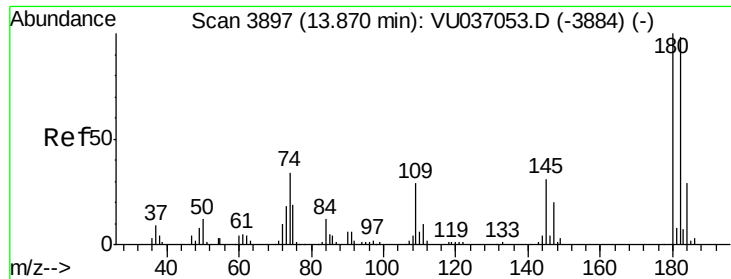


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#68

1,2,4-trichlorobenzene

Concen: 1.058 ug/L

RT: 13.87 min Scan# 3898

Delta R.T. 0.00 min

Lab File: VU037068.D

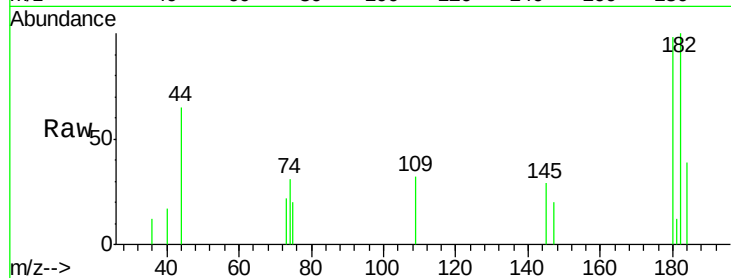
Acq: 05 Mar 2020 03:35

Instrument :

MSVOA_U

ClientSampleId :

C0DJ4



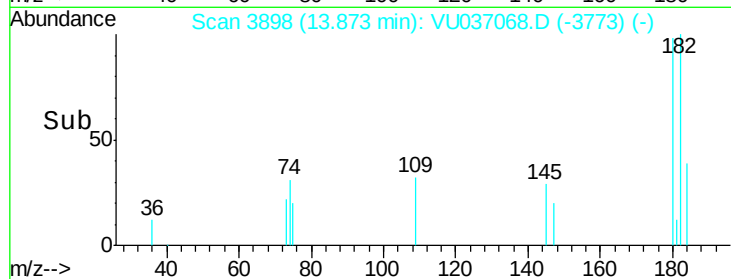
Tot Ion:180 Resp: 1399

Ion Ratio Lower Upper

180 100

182 103.6 75.3 112.9

145 25.0 26.2 39.4



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

