

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030420\
 Data File : VU037056.D
 Acq On : 04 Mar 2020 22:54
 Operator : JC/MD
 Sample : L1780-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DF6

Quant Time: Mar 05 03:10:59 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	249885	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	236791	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	78335	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	87397	41.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.30%
7) Chloroethane-d5	1.92	69	86626	49.89	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.78%
11) 1,1-Dichloroethene-d2	2.59	63	115677	32.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.84%
21) 2-Butanone-d5	4.67	46	144318	102.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.53%
24) Chloroform-d	5.11	84	157105	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.06%
26) 1,2-Dichloroethane-d4	5.74	65	110248	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.68%
32) Benzene-d6	5.76	84	339740	49.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.22%
36) 1,2-Dichloropropane-d6	6.72	67	112095	50.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.06%
41) Toluene-d8	7.92	98	295798	46.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.12%
43) trans-1,3-Dichloropropene-	8.20	79	43510	42.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.40%
47) 2-Hexanone-d5	8.66	63	95638	88.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.17%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	156498	50.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.08%
64) 1,2-Dichlorobenzene-d4	12.21	152	82531	53.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

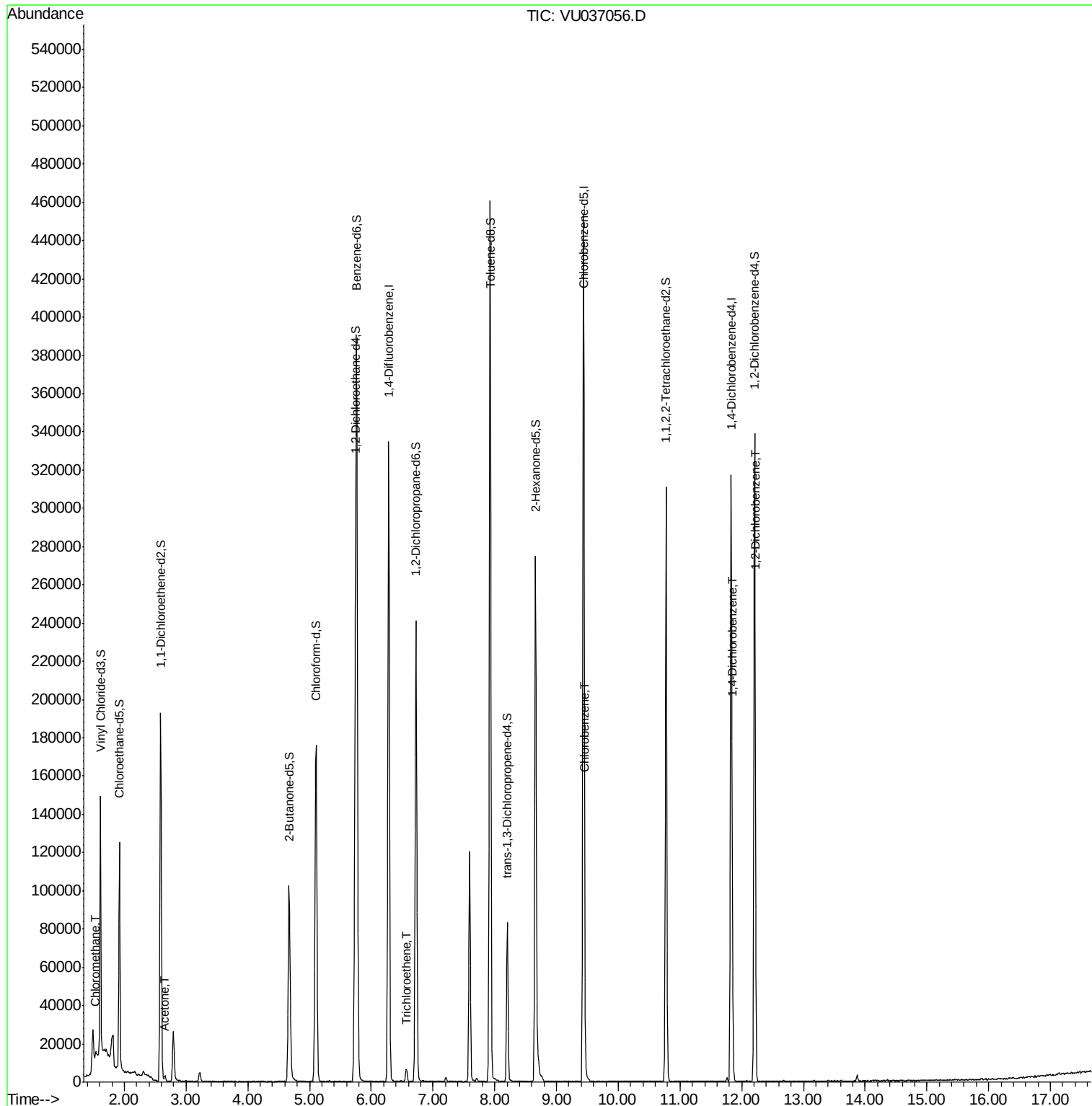
					Ovalue
3) Chloromethane	1.54	50	3254	1.334 ug/L	99
13) Acetone	2.66	43	3022	2.087 ug/L	97
34) Trichloroethene	6.57	95	1895	1.031 ug/L	85
51) Chlorobenzene	9.47	112	4493	0.951 ug/L	91
63) 1,4-Dichlorobenzene	11.85	146	14075	5.606 ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	2533	0.998 ug/L #	92

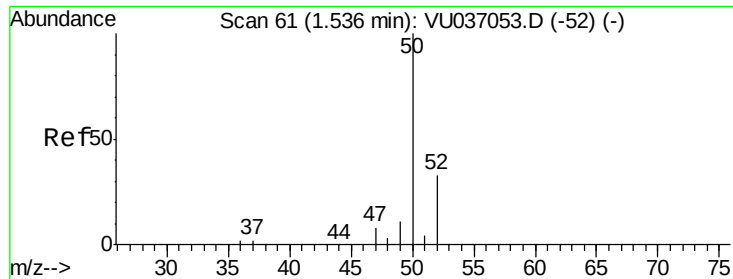
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 05 03:10:59 2020
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Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration

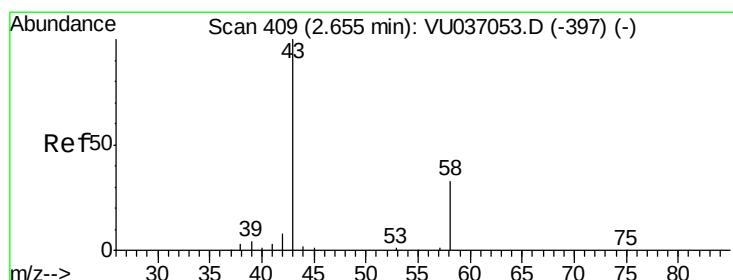
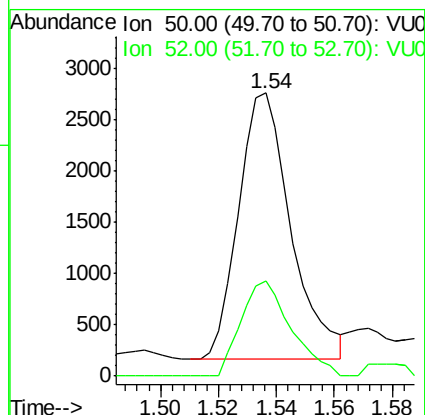
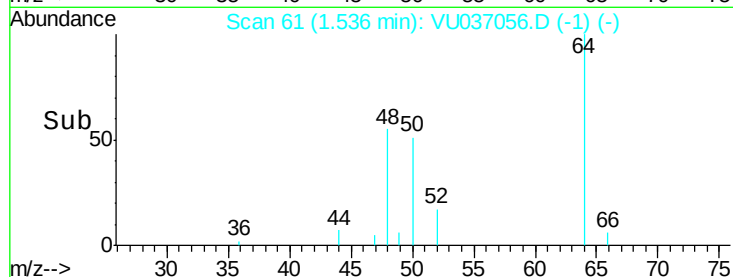
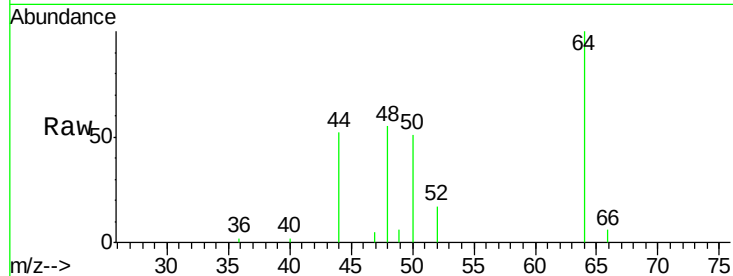




#3
 Chloromethane
 Concen: 1.334 ug/L
 RT: 1.54 min Scan# 61
 Delta R.T. 0.00 min
 Lab File: VU037056.D
 Acq: 04 Mar 2020 22:54

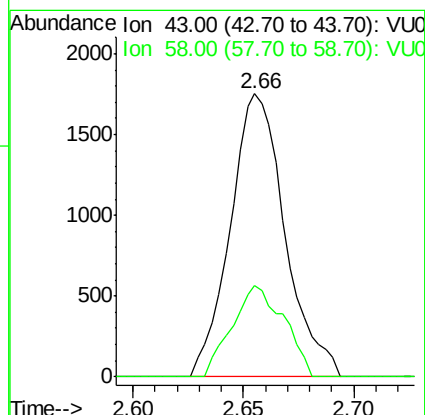
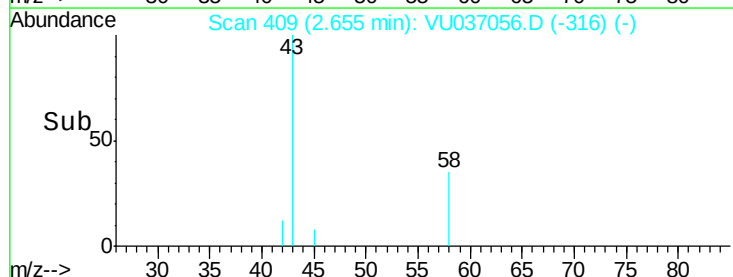
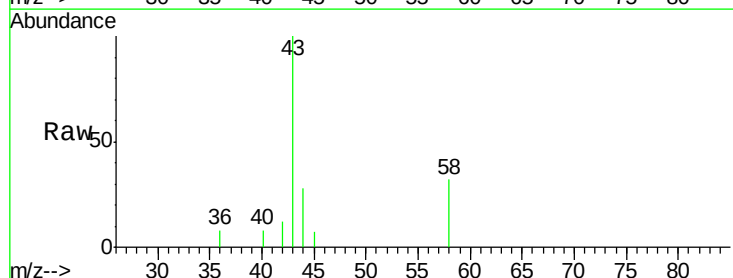
Instrument :
 MSVOA_U
 ClientSampleId :
 C0DF6

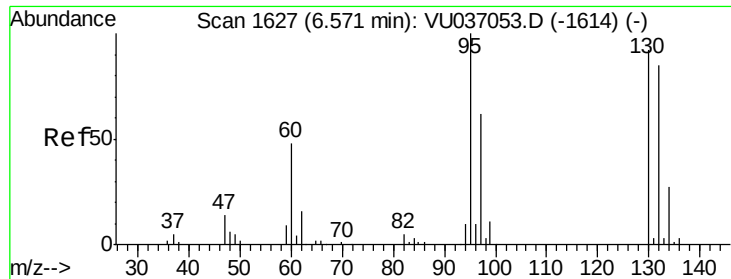
Tot Ion: 50 Resp: 3254
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.0 42.6



#13
 Acetone
 Concen: 2.087 ug/L
 RT: 2.66 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VU037056.D
 Acq: 04 Mar 2020 22:54

Tgt Ion: 43 Resp: 3022
 Ion Ratio Lower Upper
 43 100
 58 30.4 0.0 64.6





#34

Trichloroethene

Concen: 1.031 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037056.D

Acq: 04 Mar 2020 22:54

Instrument :

MSVOA_U

ClientSampleId :

C0DF6

Tot Ion: 95 Resp: 1895

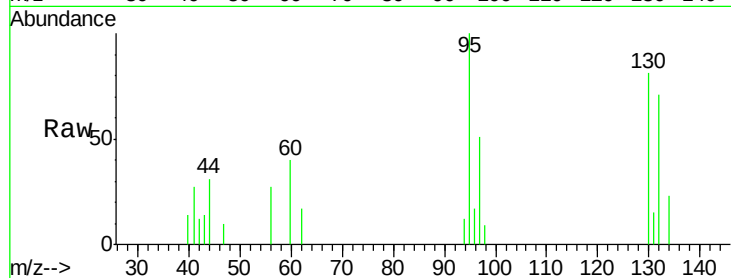
Ion Ratio Lower Upper

95 100

97 50.8 44.1 81.9

132 71.2 60.6 112.6

130 80.6 64.9 120.5

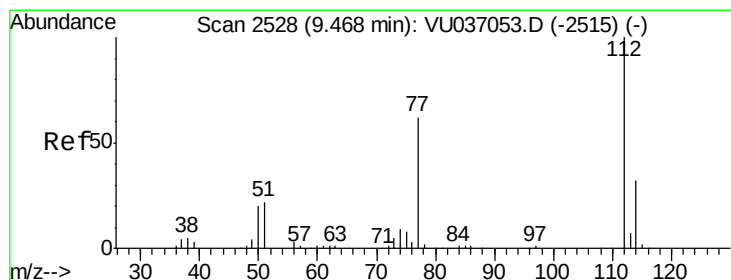
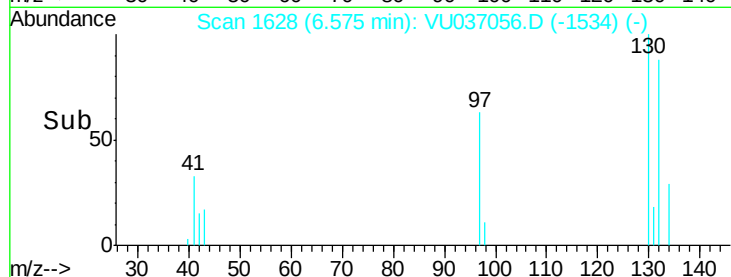
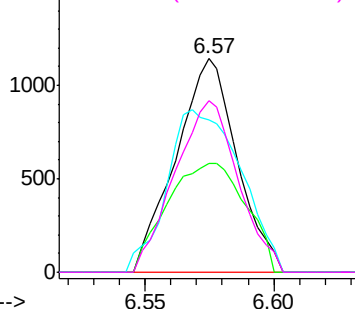


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#51

Chlorobenzene

Concen: 0.951 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU037056.D

Acq: 04 Mar 2020 22:54

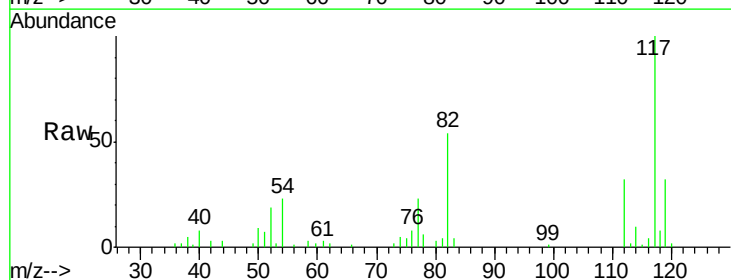
Tgt Ion: 112 Resp: 4493

Ion Ratio Lower Upper

112 100

114 32.4 22.3 41.5

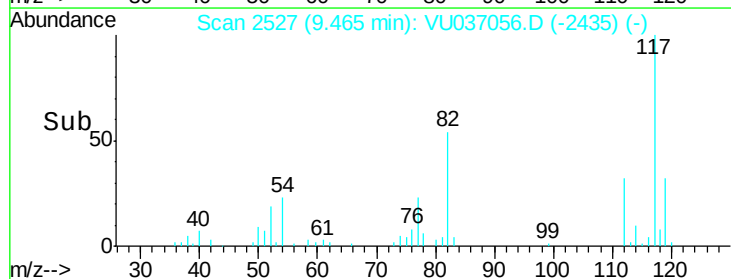
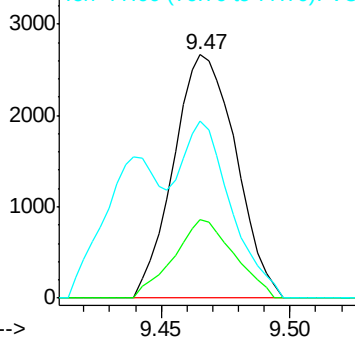
77 72.9 50.1 75.1

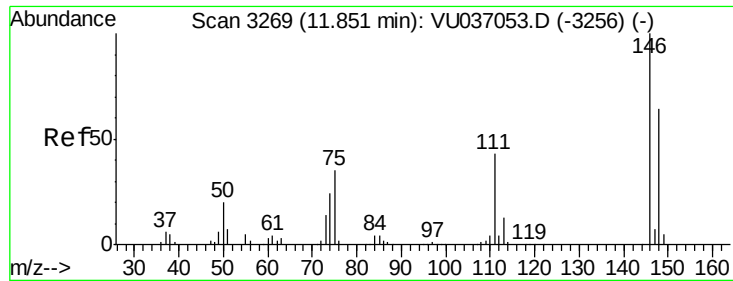


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0

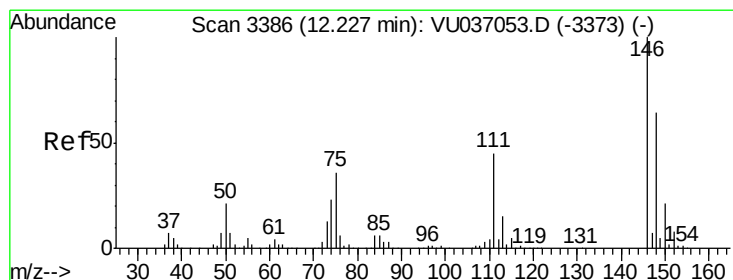
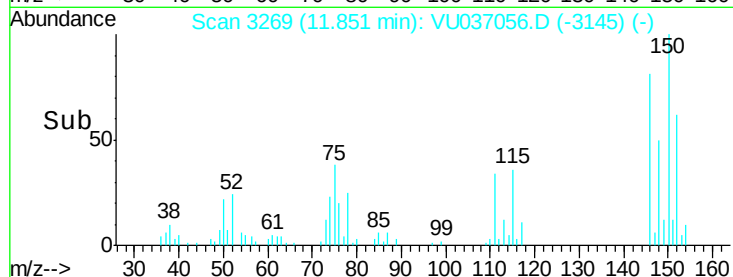
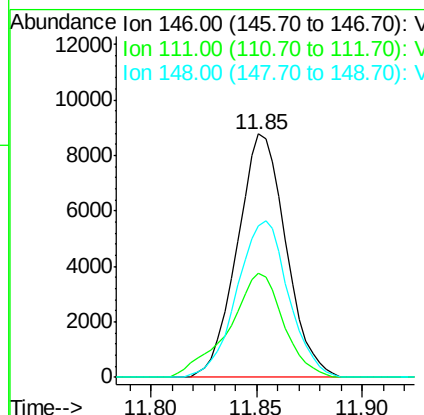
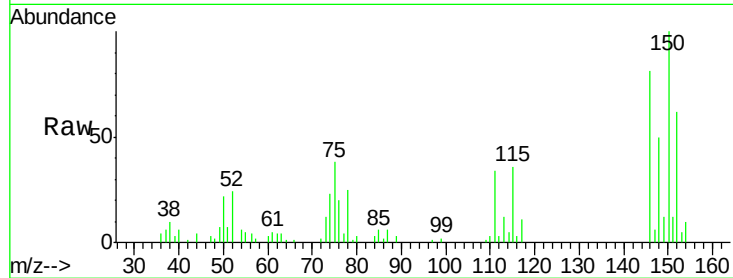




#63
 1,4-Dichlorobenzene
 Concen: 5.606 ug/L
 RT: 11.85 min Scan# 3269
 Delta R.T. 0.00 min
 Lab File: VU037056.D
 Acq: 04 Mar 2020 22:54

Instrument :
 MSVOA_U
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 C0DF6

Tot Ion:146 Resp: 14075
 Ion Ratio Lower Upper
 146 100
 111 42.5 29.8 55.4
 148 62.4 45.1 83.9



#65
 1,2-Dichlorobenzene
 Concen: 0.998 ug/L
 RT: 12.23 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU037056.D
 Acq: 04 Mar 2020 22:54

Tgt Ion:146 Resp: 2533
 Ion Ratio Lower Upper
 146 100
 111 53.7 35.4 53.0#
 148 60.6 50.5 75.7

