

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\
 Data File : VU037235.D
 Acq On : 13 Mar 2020 11:40
 Operator : JC/MD
 Sample : L1835-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DK5

Quant Time: Mar 13 23:43:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 23:05:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	398010	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	398095	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	183764	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	126666	41.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.24%
7) Chloroethane-d5	1.93	69	111744	44.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.98%
11) 1,1-Dichloroethene-d2	2.59	63	190310	33.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.34%
21) 2-Butanone-d5	4.67	46	254213	104.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.28%
24) Chloroform-d	5.10	84	286623	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.74	65	212595	49.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.08%
32) Benzene-d6	5.76	84	515331	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
36) 1,2-Dichloropropane-d6	6.72	67	170623	47.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.12%
41) Toluene-d8	7.92	98	486188	46.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.82%
43) trans-1,3-Dichloropropene-	8.20	79	91349	46.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.56%
47) 2-Hexanone-d5	8.66	63	179364	96.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.57%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	259424	46.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.38%
64) 1,2-Dichlorobenzene-d4	12.21	152	192736	50.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.12%

Target Compounds

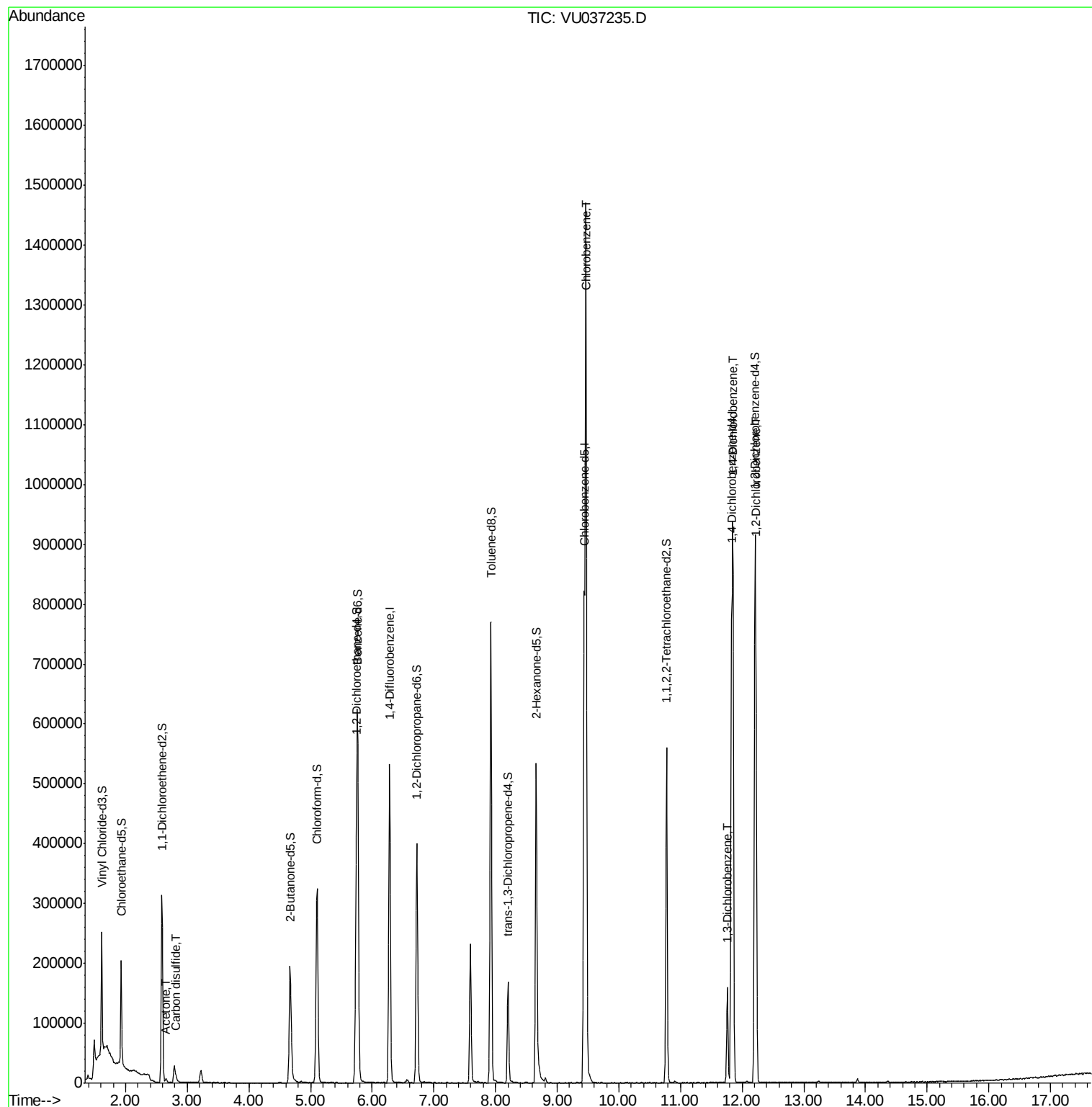
					Ovalue
13) Acetone	2.66	43	7144	3.089	ug/L 93
14) Carbon disulfide	2.82	76	12795	1.921	ug/L 97
51) Chlorobenzene	9.47	112	703982	87.359	ug/L 99
62) 1,3-Dichlorobenzene	11.76	146	60888	10.454	ug/L 98
63) 1,4-Dichlorobenzene	11.85	146	318806	54.156	ug/L 99
65) 1,2-Dichlorobenzene	12.23	146	172552	29.005	ug/L 97

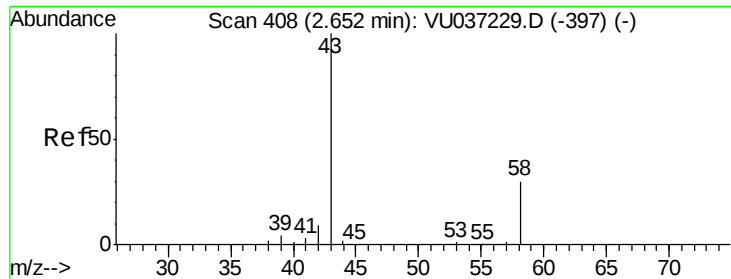
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.089 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037235.D

Acq: 13 Mar 2020 11:40

Instrument :

MSVOA_U

ClientSampleId :

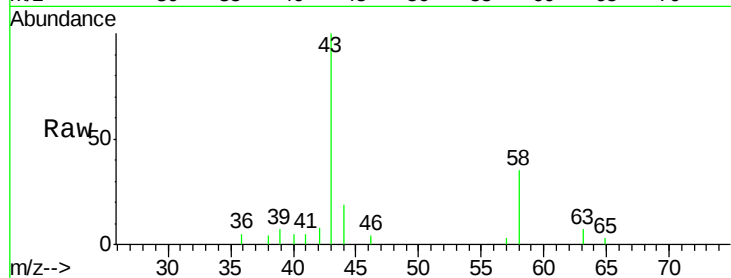
C0DK5

Tot Ion: 43 Resp: 7144

Ion Ratio Lower Upper

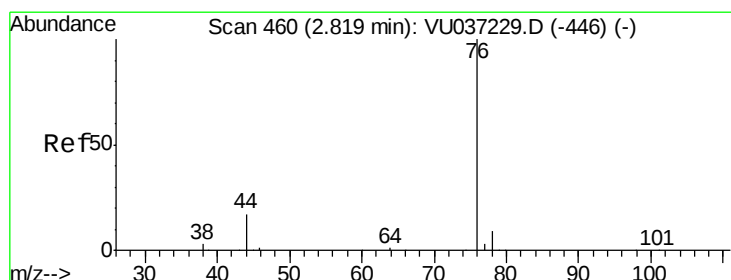
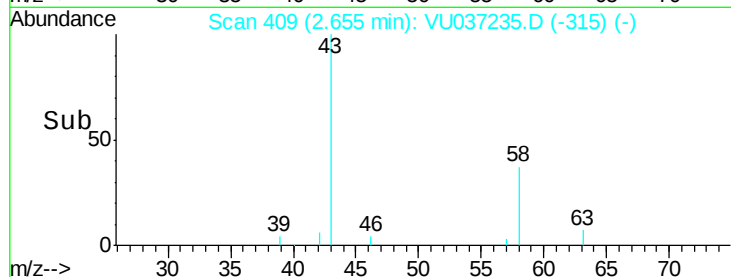
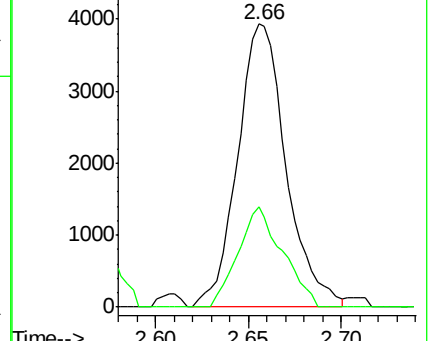
43 100

58 32.3 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VU037229.D (-397) (-)

Ion 58.00 (57.70 to 58.70): VU037229.D (-397) (-)



#14

Carbon disulfide

Concen: 1.921 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU037235.D

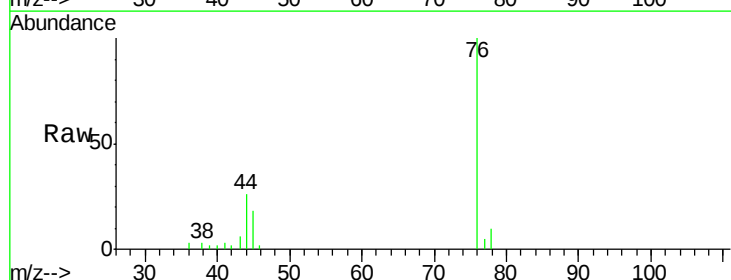
Acq: 13 Mar 2020 11:40

Tgt Ion: 76 Resp: 12795

Ion Ratio Lower Upper

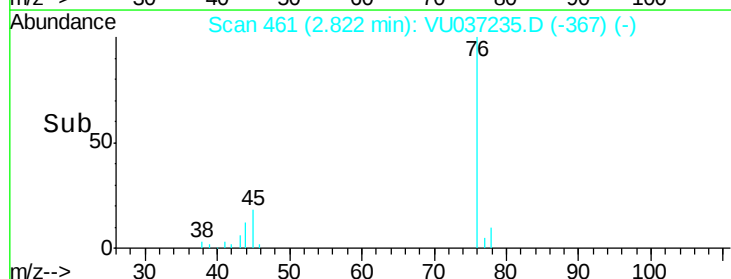
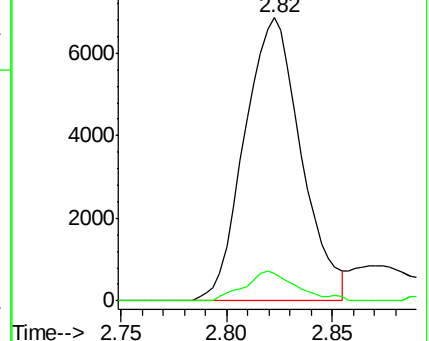
76 100

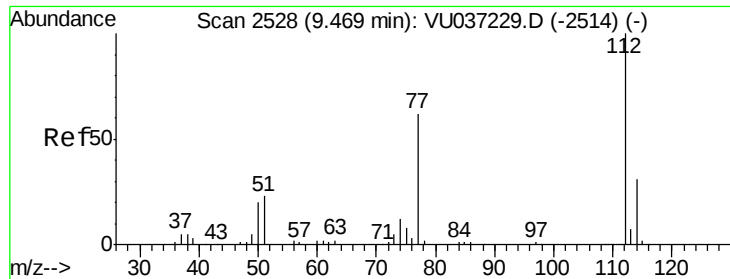
78 9.7 7.0 10.6



Abundance Ion 76.00 (75.70 to 76.70): VU037229.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU037229.D (-446) (-)





#51

Chlorobenzene

Concen: 87.359 ug/L

RT: 9.47 min Scan# 2528

Delta R.T. -0.00 min

Lab File: VU037235.D

Acq: 13 Mar 2020 11:40

Instrument :

MSVOA_U

ClientSampleId :

C0DK5

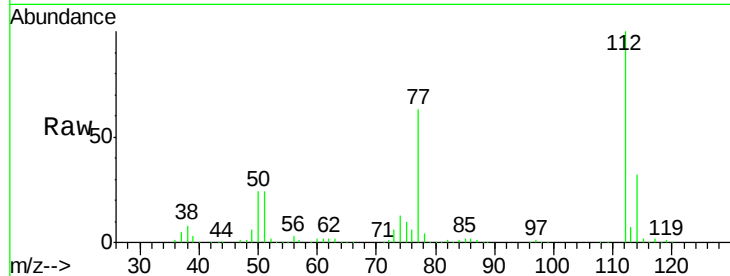
Tot Ion:112 Resp: 703982

Ion Ratio Lower Upper

112 100

114 32.3 22.6 42.0

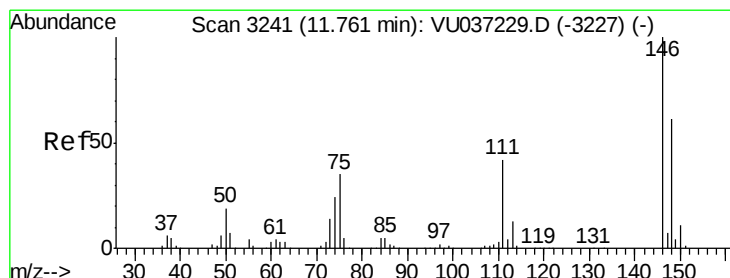
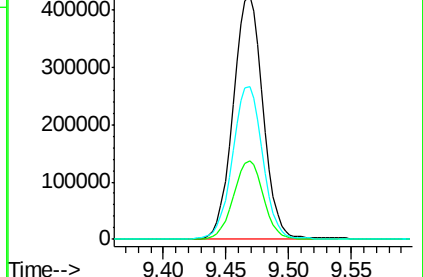
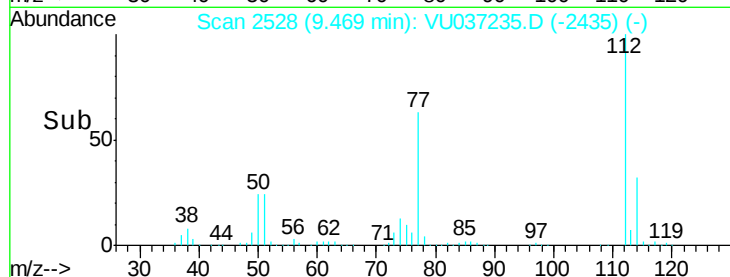
77 62.9 51.0 76.4



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): V



#62

1,3-Dichlorobenzene

Concen: 10.454 ug/L

RT: 11.76 min Scan# 3241

Delta R.T. -0.00 min

Lab File: VU037235.D

Acq: 13 Mar 2020 11:40

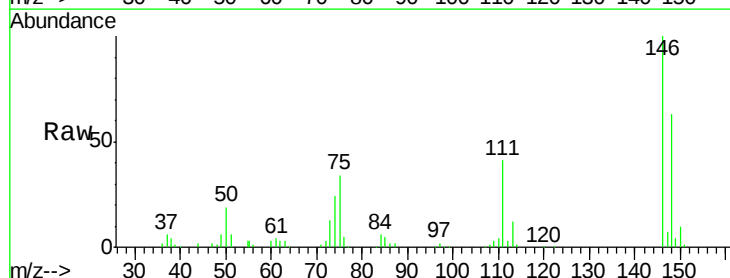
Tgt Ion:146 Resp: 60888

Ion Ratio Lower Upper

146 100

111 41.3 29.2 54.2

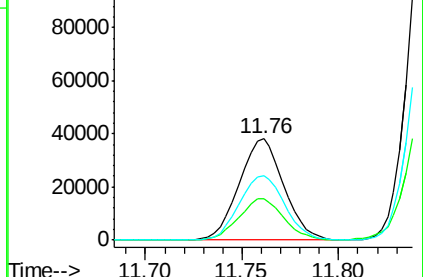
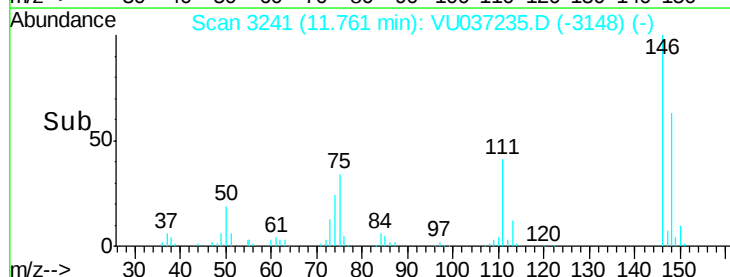
148 63.3 45.8 85.0

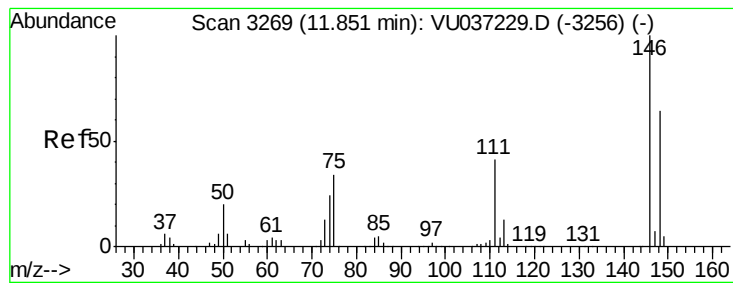


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#63

1,4-Dichlorobenzene

Concen: 54.156 ug/L

RT: 11.85 min Scan# 3269

Delta R.T. -0.00 min

Lab File: VU037235.D

Acq: 13 Mar 2020 11:40

Instrument :

MSVOA_U

ClientSampleId :

C0DK5

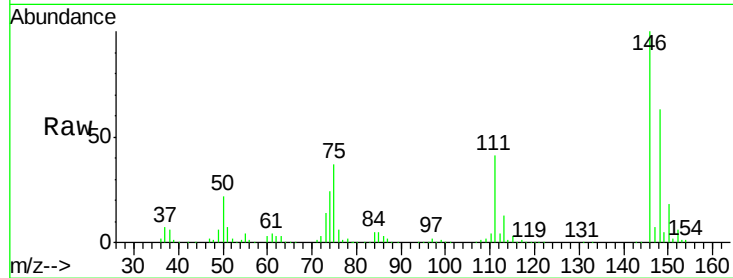
Tot Ion:146 Resp: 318806

Ion Ratio Lower Upper

146 100

111 41.5 28.5 52.9

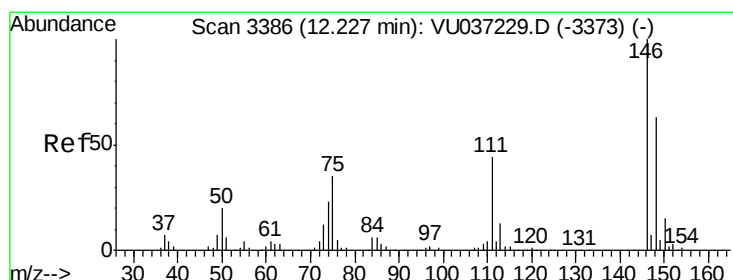
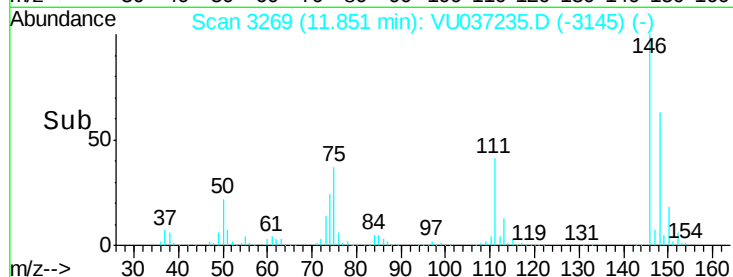
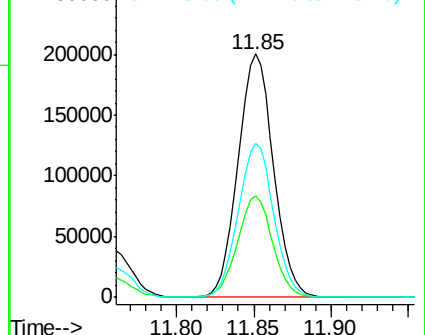
148 63.2 44.8 83.2



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: 29.005 ug/L

RT: 12.23 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU037235.D

Acq: 13 Mar 2020 11:40

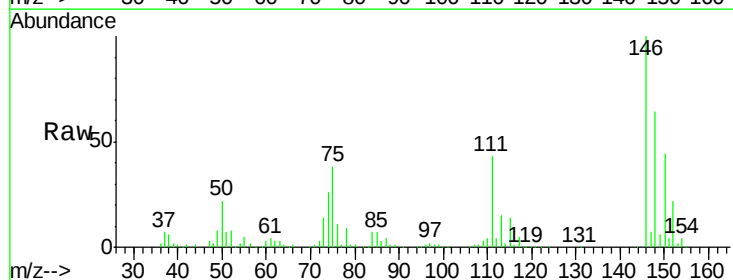
Tgt Ion:146 Resp: 172552

Ion Ratio Lower Upper

146 100

111 43.1 37.4 56.2

148 64.1 50.8 76.2



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

