

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053020\
 Data File : VU038386.D
 Acq On : 29 May 2020 19:15
 Operator : JC/MD
 Sample : L2749-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4X8

Quant Time: May 30 01:33:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 30 00:03:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	299627	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	292037	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	146160	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	95567	3.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.80%
7) Chloroethane-d5	1.93	69	87300	3.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.60%
11) 1,1-Dichloroethene-d2	2.59	63	145110	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	4.67	46	353436	52.27	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.54%
24) Chloroform-d	5.10	84	202129	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.74	65	119108	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.76	84	413556	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.72	67	131706	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.92	98	365814	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	8.20	79	49669	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.65	63	287780	53.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.72%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108631	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	146216	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

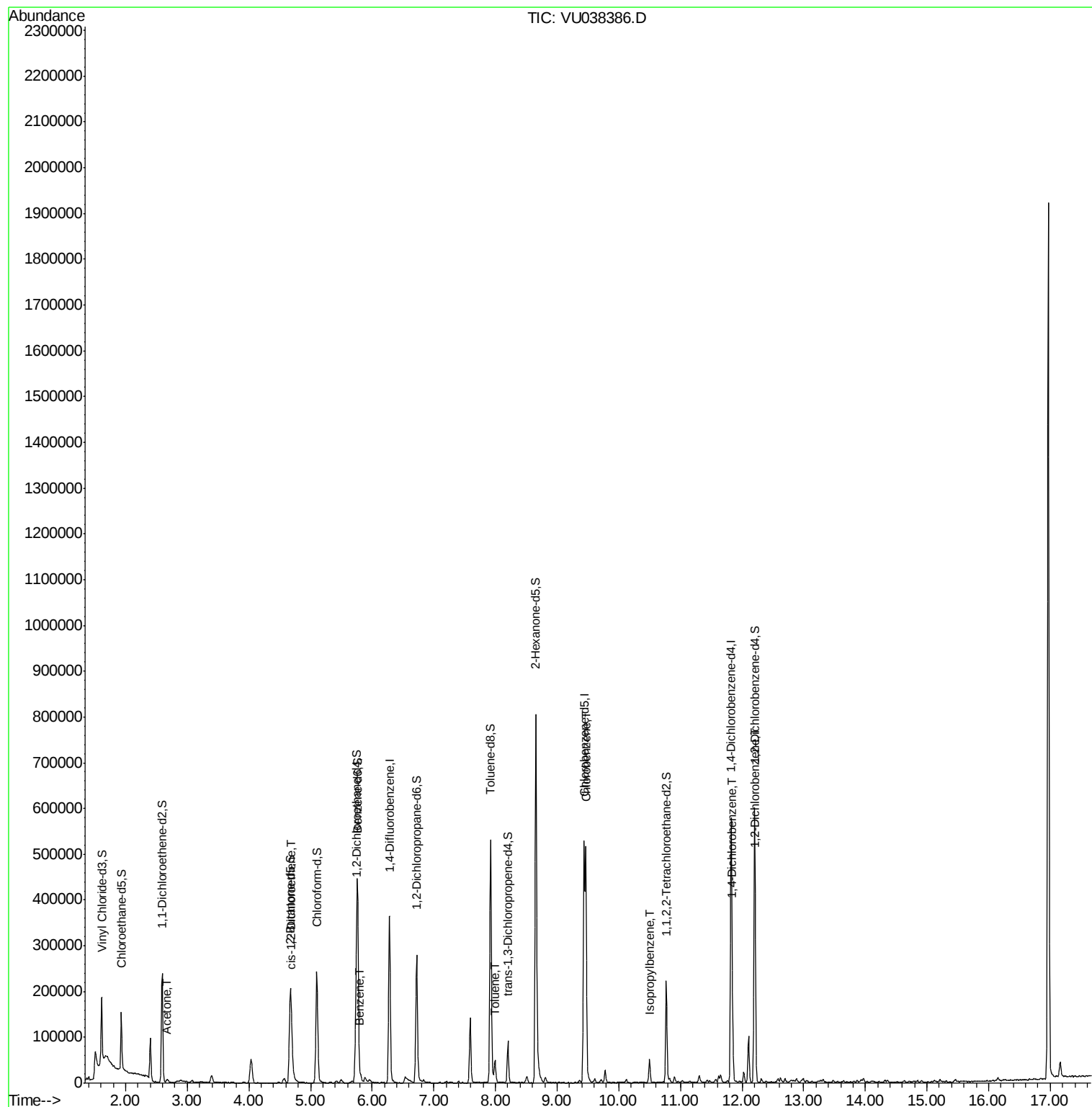
						Qvalue
13) Acetone	2.68	43	6355	1.50	ug/L	53
22) cis-1,2-Dichloroethene	4.70	96	3655	0.15	ug/L	90
33) Benzene	5.81	78	12976	0.14	ug/L	100
42) Toluene	7.99	91	32225	0.33	ug/L	98
51) Chlorobenzene	9.47	112	264637	4.32	ug/L	99
56) Isopropylbenzene	10.50	105	31440	0.31	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	43318	0.90	ug/L	96
65) 1,2-Dichlorobenzene	12.22	146	9395	0.21	ug/L	96

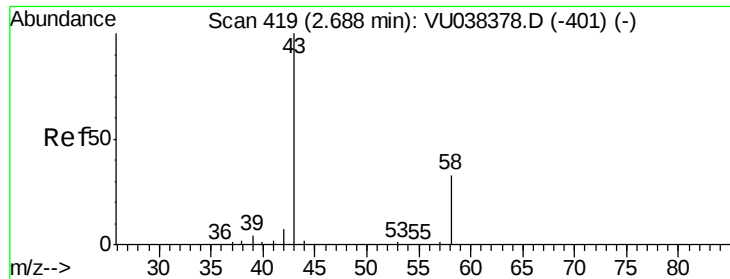
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.50 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.01 min

Lab File: VU038386.D

Acq: 29 May 2020 19:15

Instrument :

MSVOA_U

ClientSampleId :

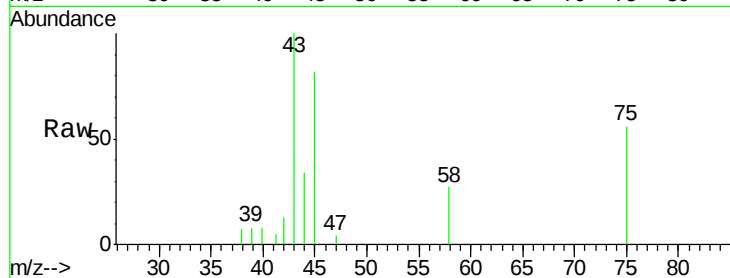
BE4X8

Tgt Ion: 43 Resp: 6355

Ion Ratio Lower Upper

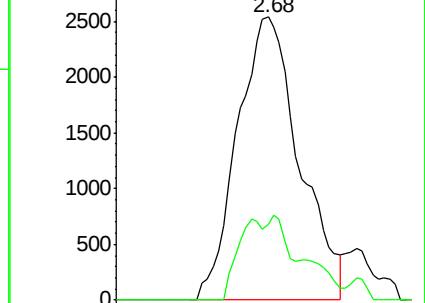
43 100

58 5.4 0.0 63.6

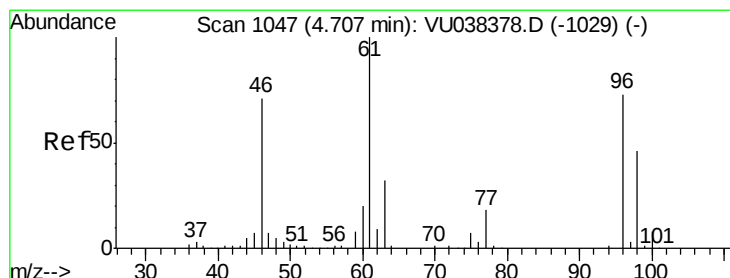
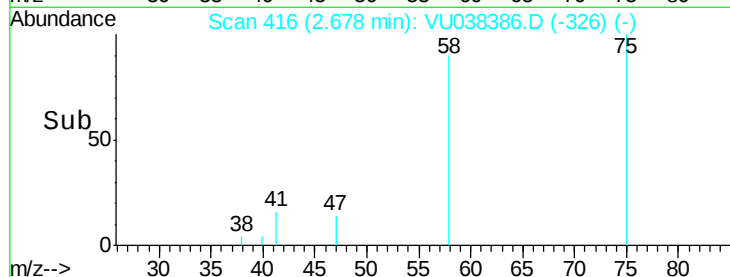


Abundance Ion 43.05 (42.75 to 43.75): VU038378.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU038378.D (-401) (-)



Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.15 ug/L

RT: 4.70 min Scan# 1045

Delta R.T. -0.01 min

Lab File: VU038386.D

Acq: 29 May 2020 19:15

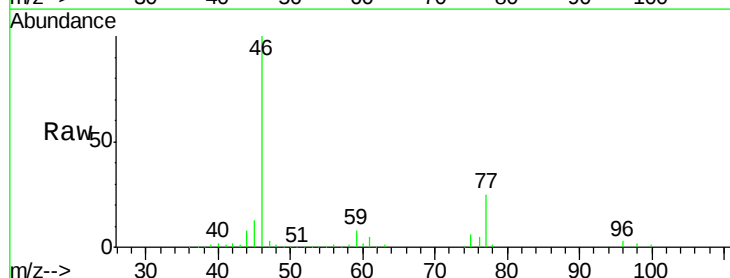
Tgt Ion: 96 Resp: 3655

Ion Ratio Lower Upper

96 100

61 148.0 95.3 176.9

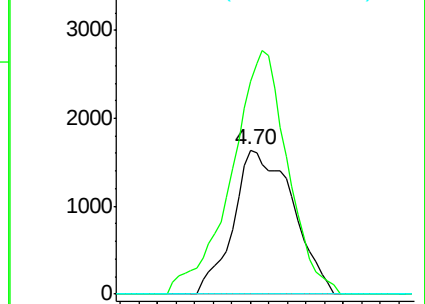
68 0.0 0.0 0.0



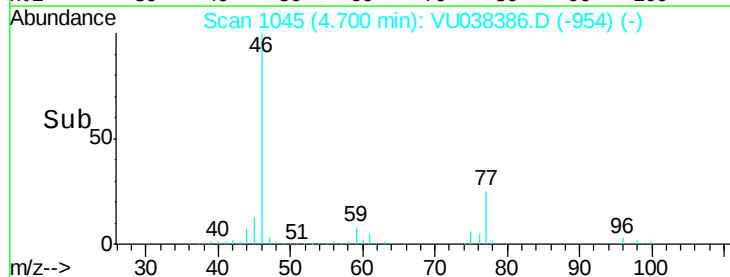
Abundance Ion 96.00 (95.70 to 96.70): VU038378.D (-1029) (-)

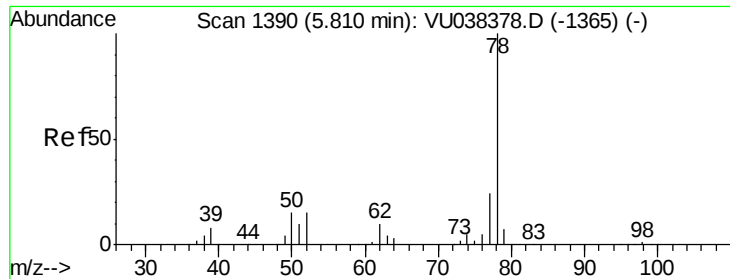
Ion 61.05 (60.75 to 61.75): VU038378.D (-1029) (-)

Ion 68.15 (67.85 to 68.85): VU038378.D (-1029) (-)



Time-->





#33

Benzene

Concen: 0.14 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU038386.D

Acq: 29 May 2020 19:15

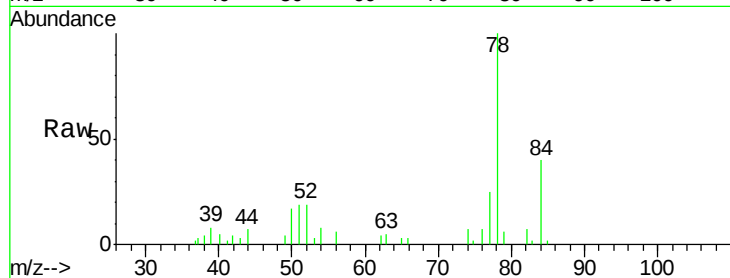
Instrument :

MSVOA_U

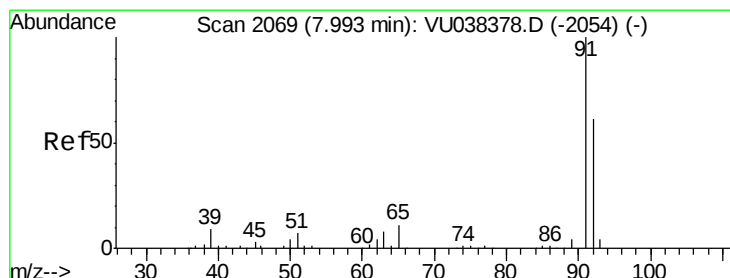
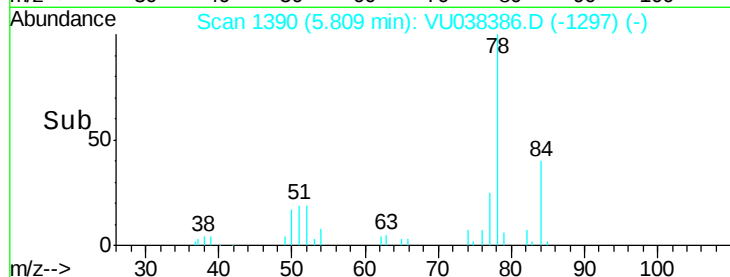
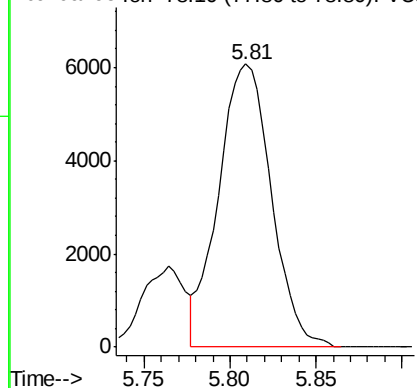
ClientSampled :

BE4X8

Tgt Ion: 78 Resp: 12976



Abundance Ion 78.10 (77.80 to 78.80): VU0



#42

Toluene

Concen: 0.33 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038386.D

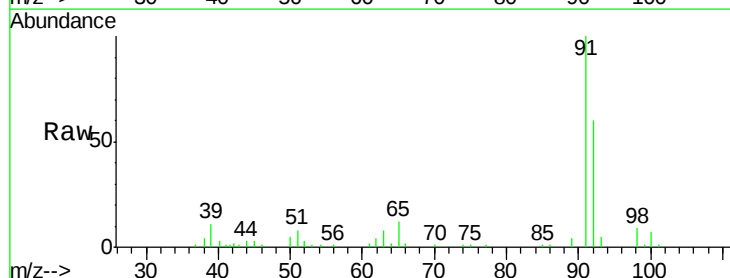
Acq: 29 May 2020 19:15

Tgt Ion: 91 Resp: 32225

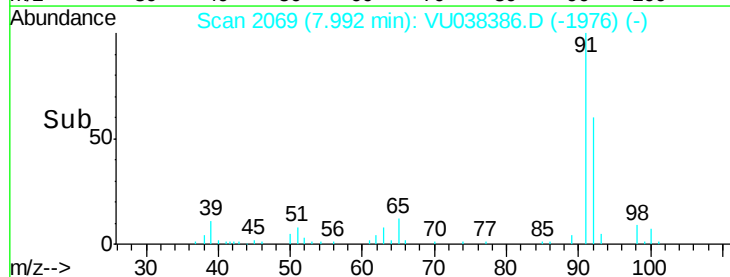
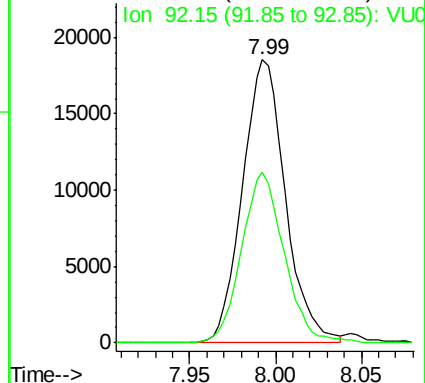
Ion Ratio Lower Upper

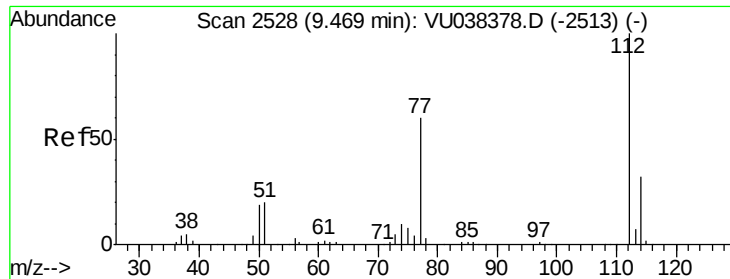
91 100

92 60.2 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU0





#51

Chlorobenzene

Concen: 4.32 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU038386.D

Acq: 29 May 2020 19:15

Instrument :

MSVOA_U

ClientSampleId :

BE4X8

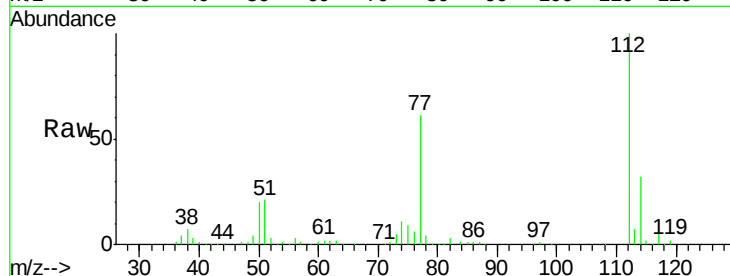
Tgt Ion:112 Resp: 264637

Ion Ratio Lower Upper

112 100

114 32.2 22.5 41.7

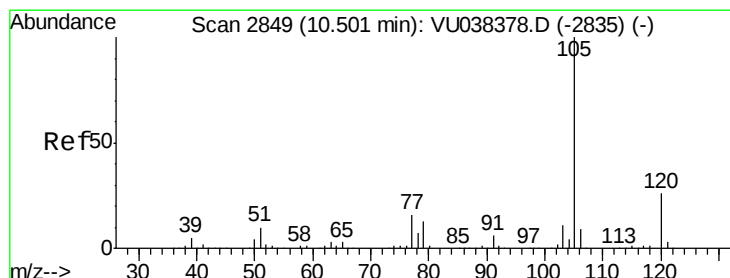
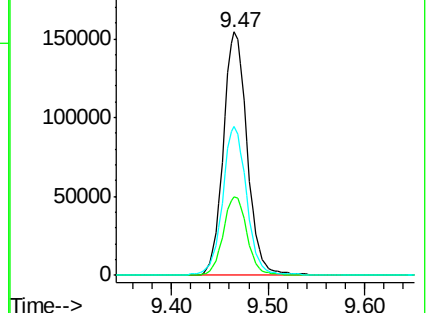
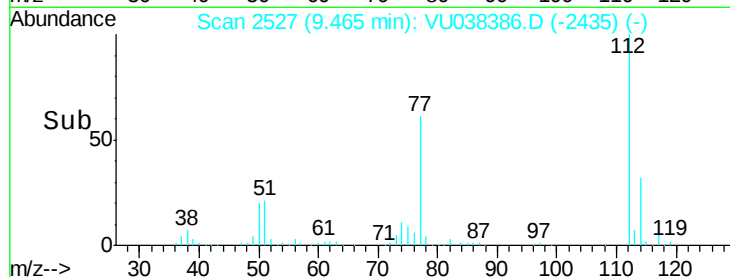
77 61.0 49.9 74.9



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU0



#56

Isopropylbenzene

Concen: 0.31 ug/L

RT: 10.50 min Scan# 2849

Delta R.T. -0.00 min

Lab File: VU038386.D

Acq: 29 May 2020 19:15

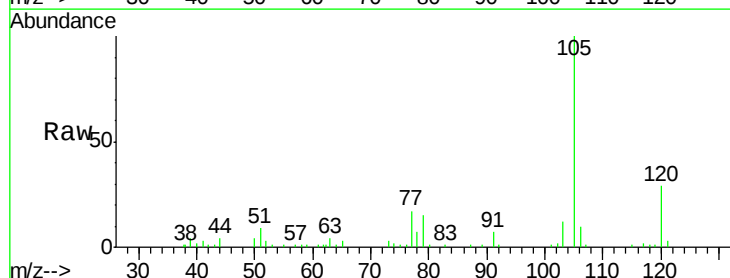
Tgt Ion:105 Resp: 31440

Ion Ratio Lower Upper

105 100

120 26.1 21.0 31.6

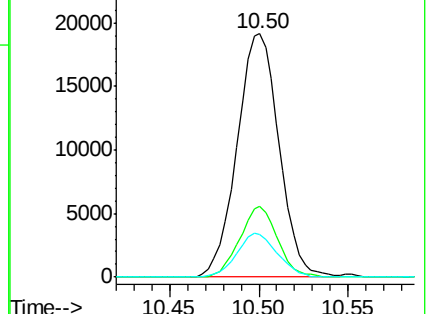
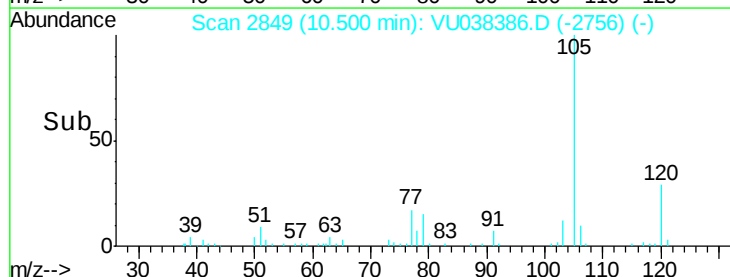
77 17.3 13.0 19.4

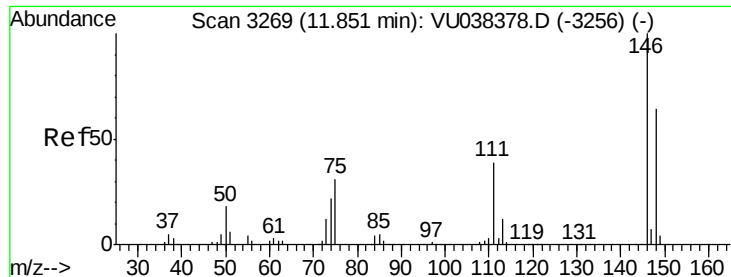


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU0





#63

1,4-Dichlorobenzene

Concen: 0.90 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. -0.00 min

Lab File: VU038386.D

Acq: 29 May 2020 19:15

Instrument :

MSVOA_U

ClientSampleId :

BE4X8

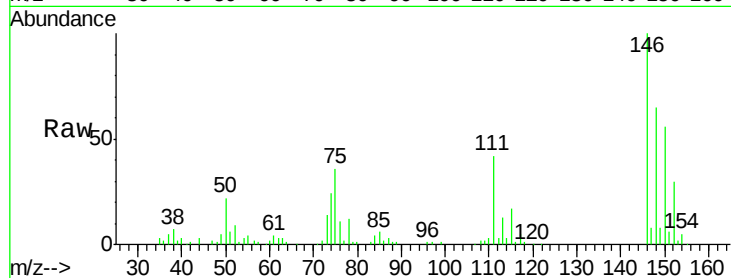
Tgt Ion:146 Resp: 43318

Ion Ratio Lower Upper

146 100

111 42.4 27.2 50.6

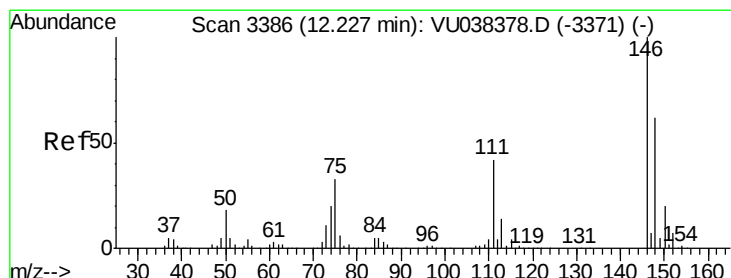
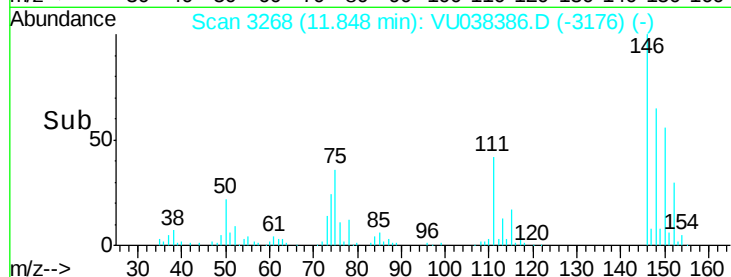
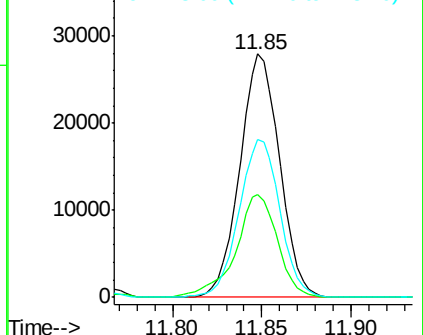
148 64.6 43.8 81.3



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,2-Dichlorobenzene

Concen: 0.21 ug/L

RT: 12.22 min Scan# 3385

Delta R.T. -0.00 min

Lab File: VU038386.D

Acq: 29 May 2020 19:15

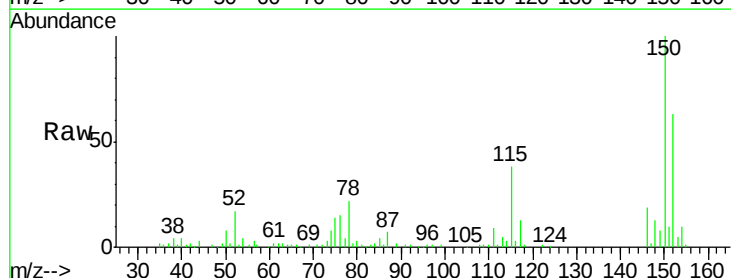
Tgt Ion:146 Resp: 9395

Ion Ratio Lower Upper

146 100

111 46.5 35.3 52.9

148 67.6 51.0 76.4



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

