

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
 Data File : VU038596.D
 Acq On : 06 Jun 2020 02:55
 Operator : SY/MD
 Sample : L2910-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D07

Quant Time: Jun 06 03:30:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 06 02:36:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	308556	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	299961	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	149438	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	63533	3.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.60%
7) Chloroethane-d5	1.93	69	59176	3.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.20%
11) 1,1-Dichloroethene-d2	2.59	63	109010	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	4.67	46	312916	51.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.16%
24) Chloroform-d	5.10	84	164925	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.74	65	99071	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.76	84	324498	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.72	67	103465	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.92	98	273135	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	8.20	79	41062	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.65	63	260324	53.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.46%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	95753	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	120862	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

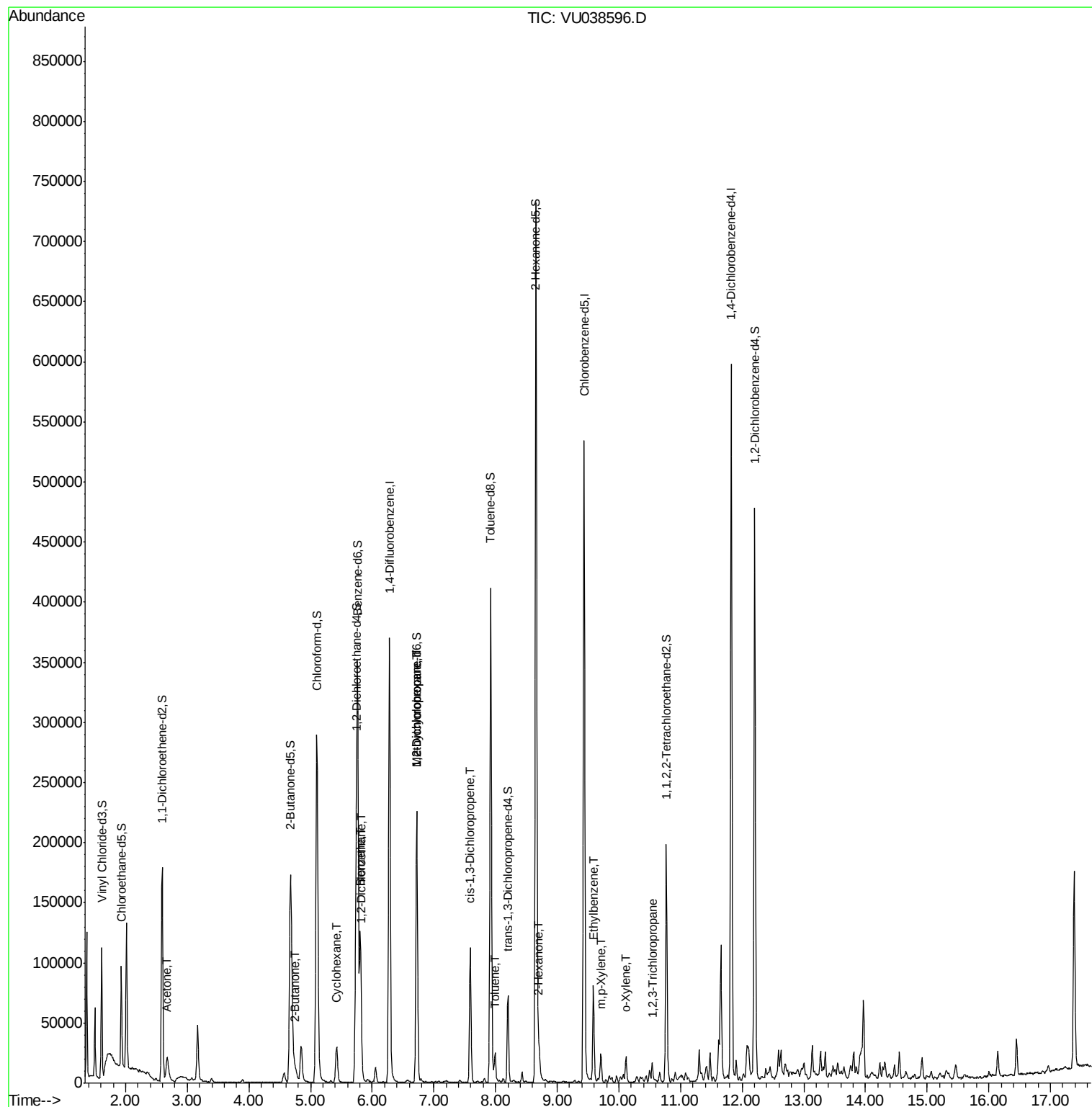
					Ovalue
13) Acetone	2.68	43	37013	9.323	ug/L 97
21) 2-Butanone	4.76	43	9581	1.435	ug/L 80
27) 1,2-Dichloroethane	5.83	62	7441	0.284	ug/L 98
30) Cyclohexane	5.42	56	15755	0.473	ug/L 94
33) Benzene	5.81	78	115983	1.387	ug/L 100
35) Methylcyclohexane	6.72	83	25648	0.763	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	11301	0.537	ug/L # 86
39) cis-1,3-Dichloropropene	7.59	75	2585	0.083	ug/L # 49
42) Toluene	7.99	91	16157	0.184	ug/L 98
48) 2-Hexanone	8.71	43	13598	1.193	ug/L 99
52) Ethylbenzene	9.59	91	58956	0.604	ug/L 98
53) m,p-Xylene	9.71	106	5489	0.146	ug/L 96
54) o-Xylene	10.12	106	5598	0.155	ug/L 99
59) 1,2,3-Trichloropropane	10.54	75	6632	0.422	ug/L # 58

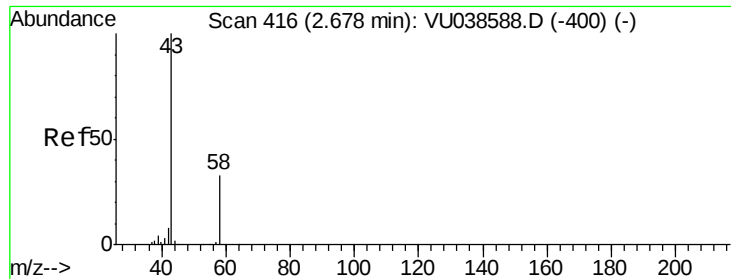
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.323 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.00 min

Lab File: VU038596.D

Acq: 06 Jun 2020 02:55

Instrument :

MSVOA_U

ClientSampleId :

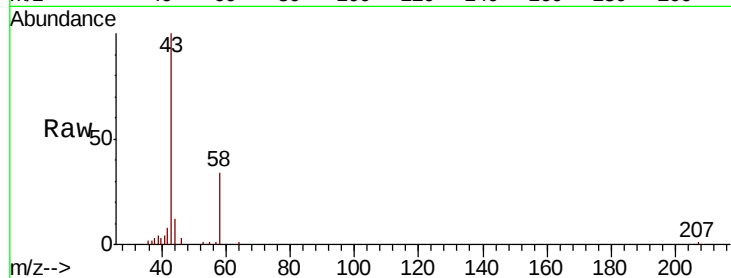
F9D07

Tot Ion: 43 Resp: 37013

Ion Ratio Lower Upper

43 100

58 34.5 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038588.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU038588.D (-400) (-)

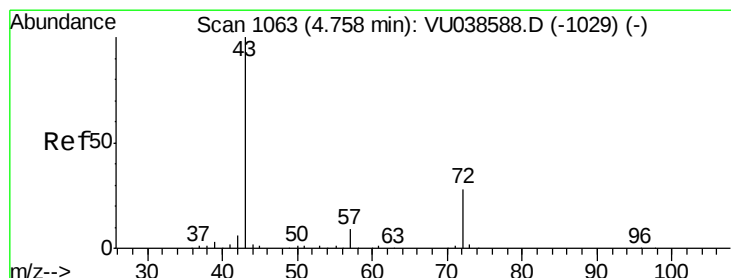
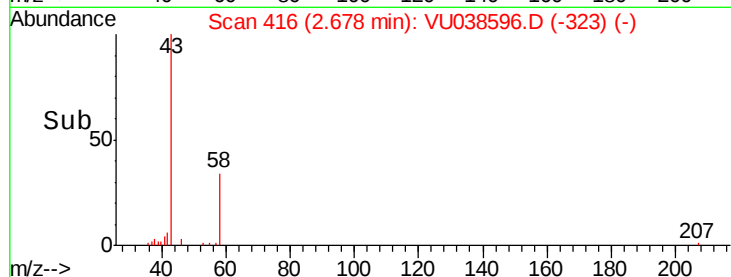
2.68

10000

5000

0

Time-->



#21

2-Butanone

Concen: 1.435 ug/L

RT: 4.76 min Scan# 1064

Delta R.T. 0.00 min

Lab File: VU038596.D

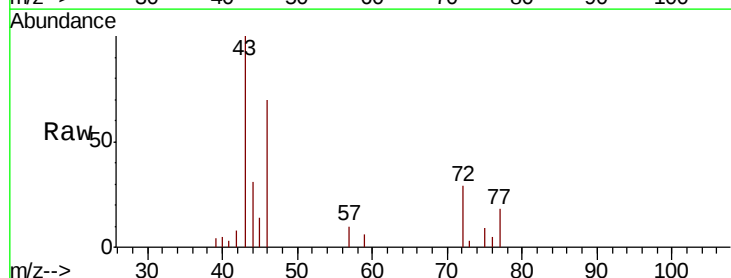
Acq: 06 Jun 2020 02:55

Tgt Ion: 43 Resp: 9581

Ion Ratio Lower Upper

43 100

72 35.1 12.6 37.8



Abundance Ion 43.05 (42.75 to 43.75): VU038588.D (-1029) (-)

Ion 72.10 (71.80 to 72.80): VU038588.D (-1029) (-)

20000

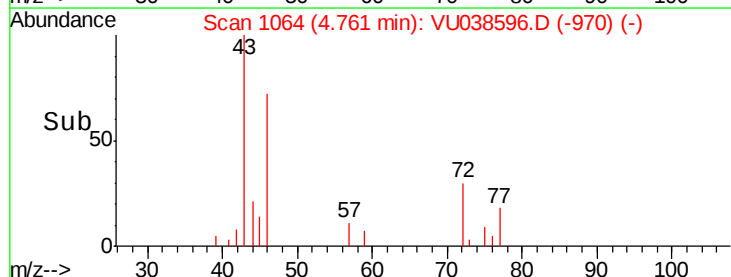
15000

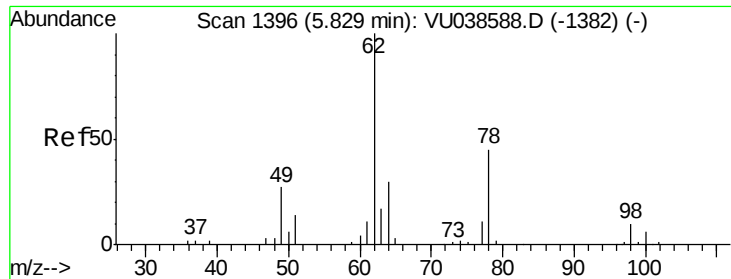
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5000

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Time-->

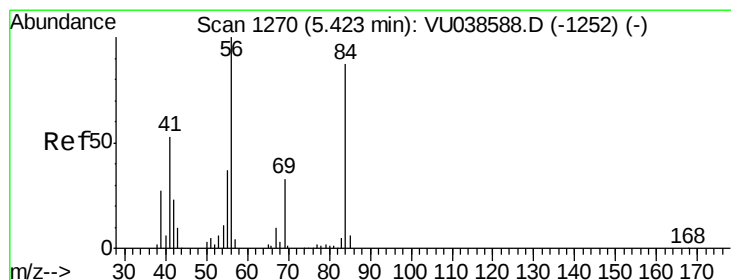
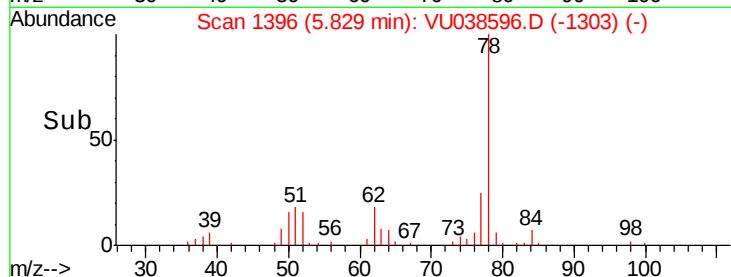
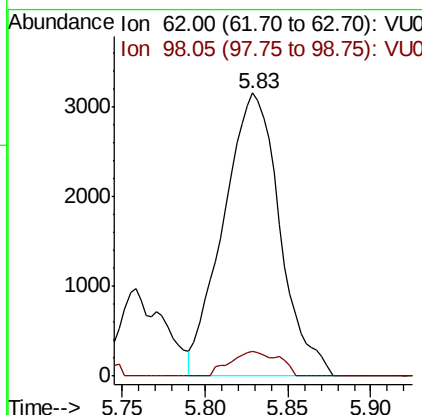
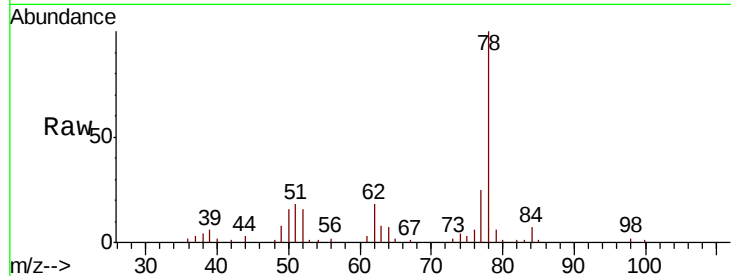




#27
 1,2-Dichloroethane
 Concen: 0.284 ug/L
 RT: 5.83 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: VU038596.D
 Acq: 06 Jun 2020 02:55

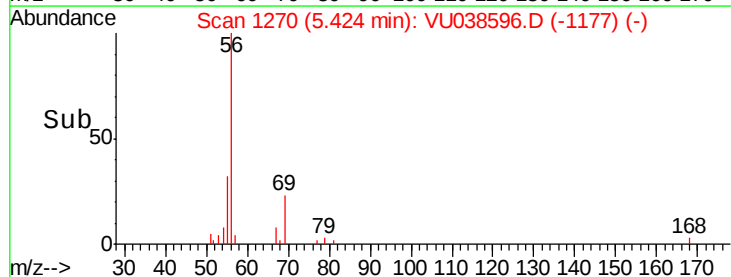
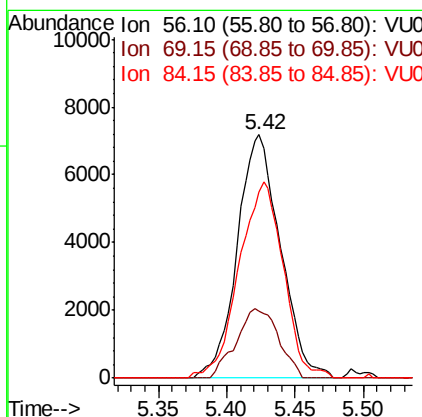
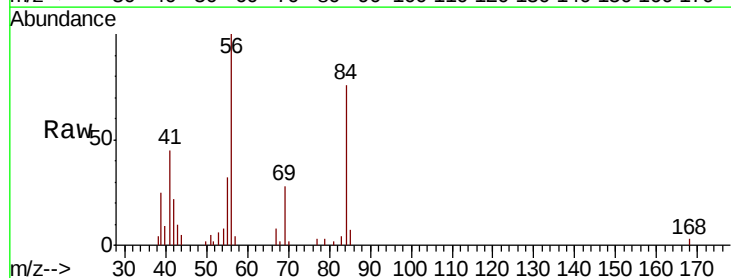
Instrument :
 MSVOA_U
 ClientSampleId :
 F9D07

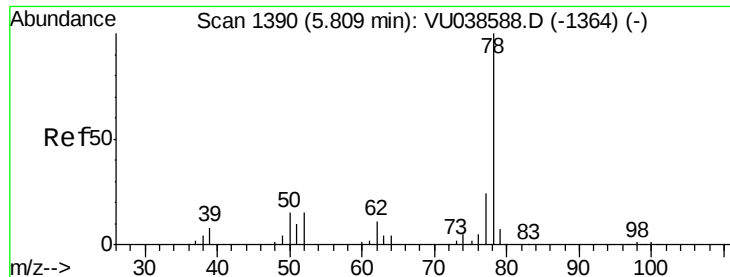
Tot Ion: 62 Resp: 7441
 Ion Ratio Lower Upper
 62 100
 98 8.6 7.4 11.2



#30
 Cyclohexane
 Concen: 0.473 ug/L
 RT: 5.42 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VU038596.D
 Acq: 06 Jun 2020 02:55

Tgt Ion: 56 Resp: 15755
 Ion Ratio Lower Upper
 56 100
 69 27.9 24.2 36.4
 84 82.6 70.8 106.2





#33

Benzene

Concen: 1.387 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VU038596.D

Acq: 06 Jun 2020 02:55

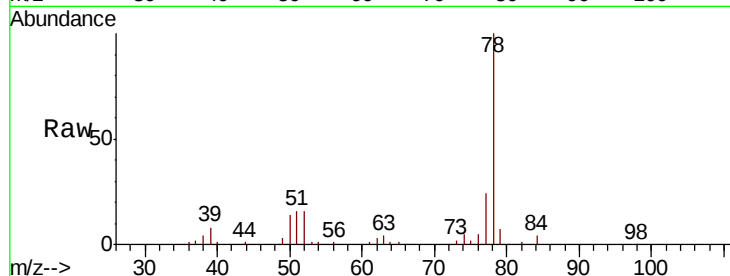
Instrument :

MSVOA_U

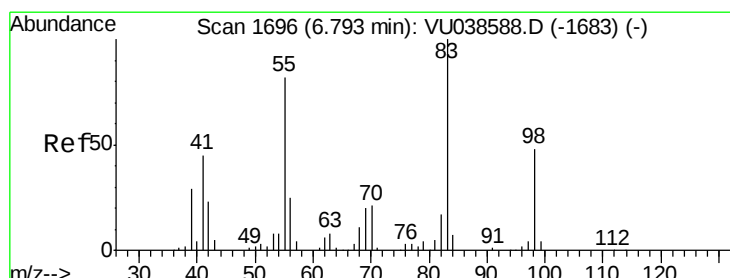
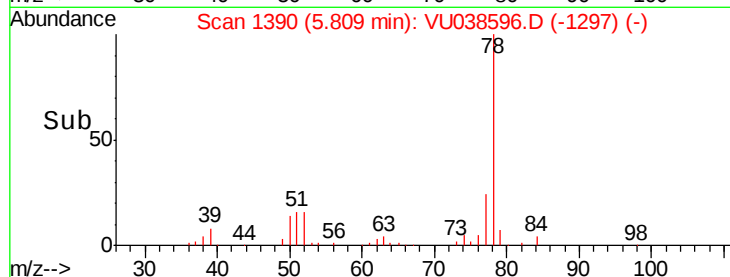
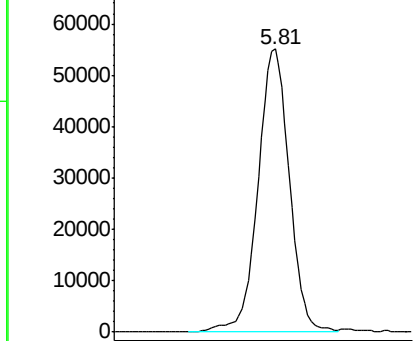
ClientSampled :

F9D07

Tgt Ion: 78 Resp: 115983



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.763 ug/L

RT: 6.72 min Scan# 1674

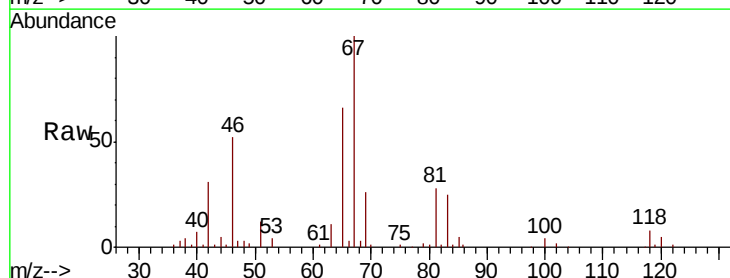
Delta R.T. -0.07 min

Lab File: VU038596.D

Acq: 06 Jun 2020 02:55

Tgt Ion: 83 Resp: 25648

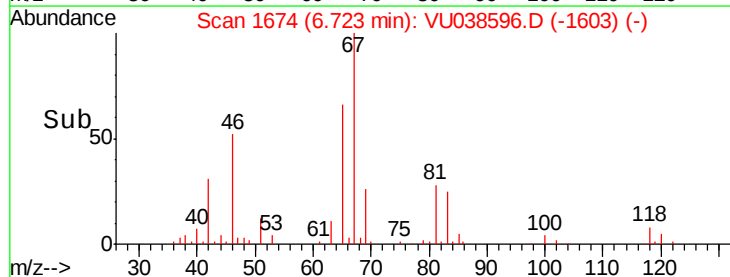
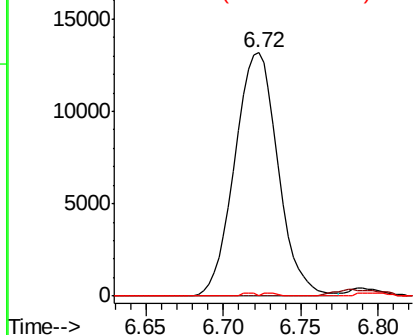
Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.4	95.2#
98	0.4	39.0	58.4#

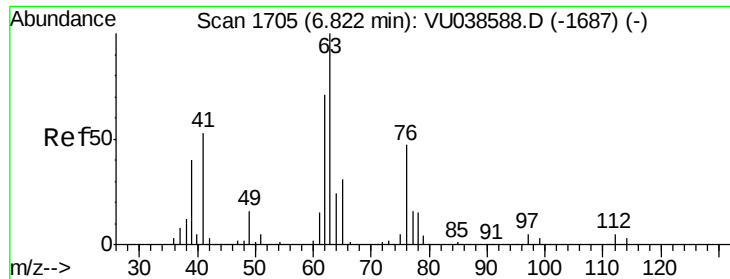


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

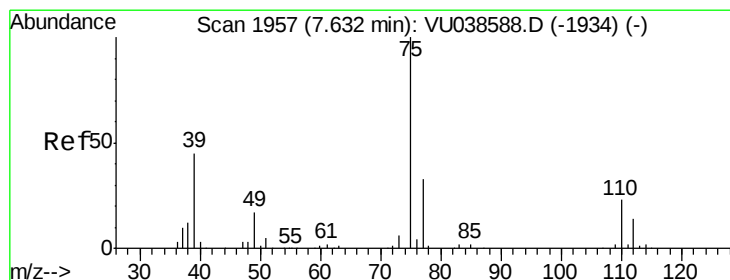
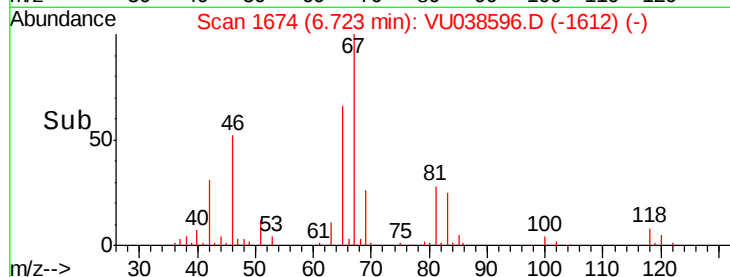
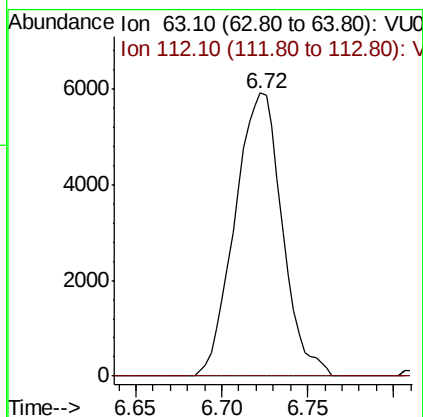
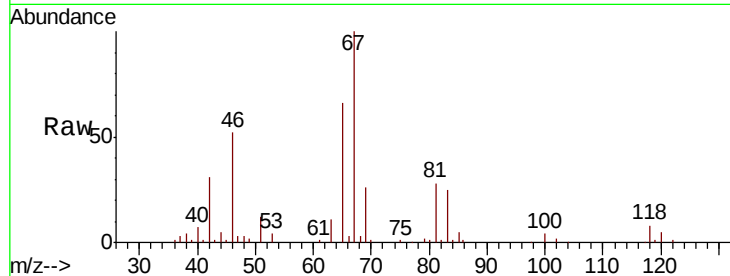




#37
 1,2-Dichloropropane
 Concen: 0.537 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038596.D
 Acq: 06 Jun 2020 02:55

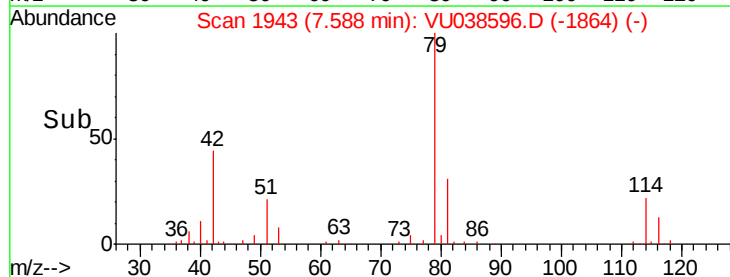
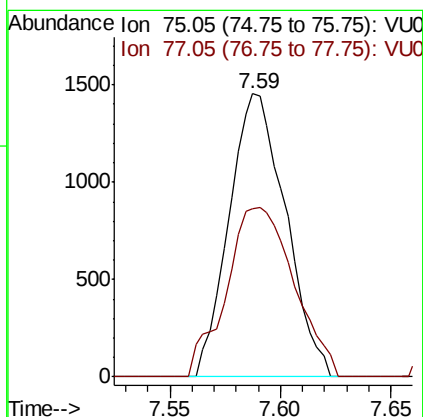
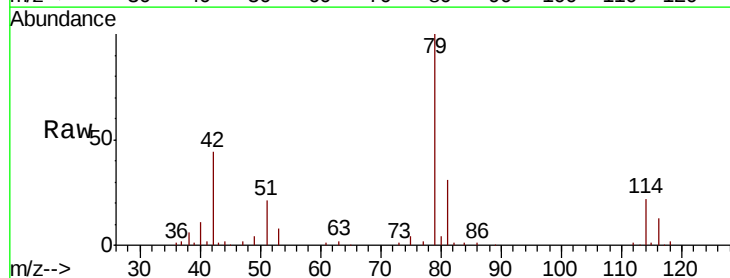
Instrument :
 MSVOA_U
 ClientSampled :
 F9D07

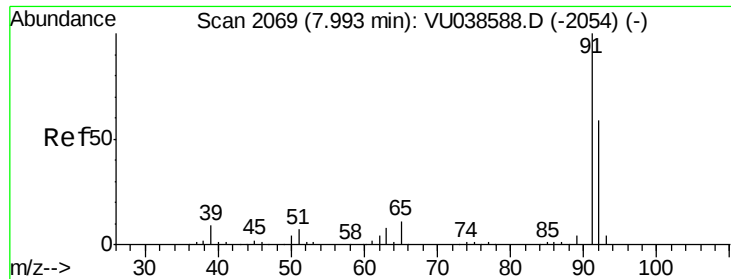
Tot Ion: 63 Resp: 11301
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU038596.D
 Acq: 06 Jun 2020 02:55

Tgt Ion: 75 Resp: 2585
 Ion Ratio Lower Upper
 75 100
 77 59.4 21.9 40.7#





#42

Toluene

Concen: 0.184 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU038596.D

Acq: 06 Jun 2020 02:55

Instrument :

MSVOA_U

ClientSampleId :

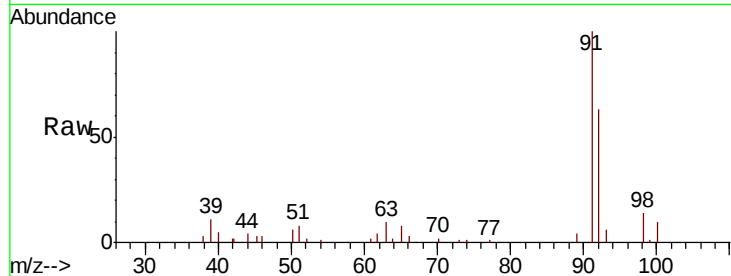
F9D07

Tot Ion: 91 Resp: 16157

Ion Ratio Lower Upper

91 100

92 62.9 43.0 79.8



Abundance Ion 91.15 (90.85 to 91.85): VU038588.D (-2054) (-)

Ion 92.15 (91.85 to 92.85): VU038588.D (-2054) (-)

7.99

10000

8000

6000

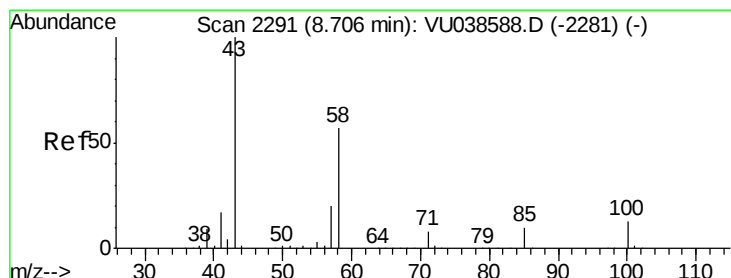
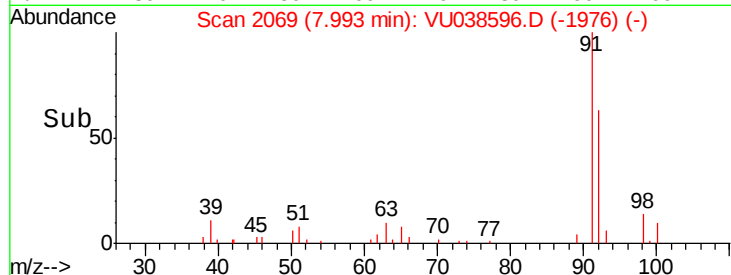
4000

2000

0

Time-->

7.95 8.00 8.05



#48

2-Hexanone

Concen: 1.193 ug/L

RT: 8.71 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VU038596.D

Acq: 06 Jun 2020 02:55

Tgt Ion: 43 Resp: 13598

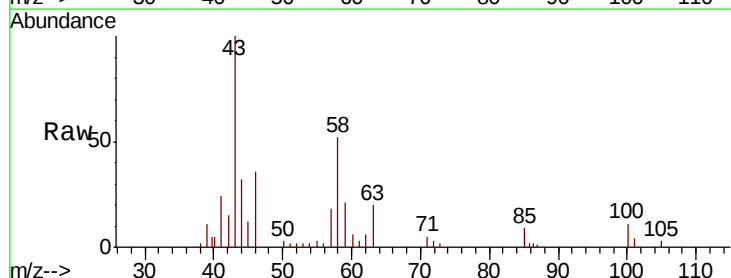
Ion Ratio Lower Upper

43 100

58 57.0 45.4 68.0

57 18.8 15.9 23.9

100 11.7 10.5 15.7



Abundance Ion 43.05 (42.75 to 43.75): VU038588.D (-2281) (-)

Ion 58.05 (57.75 to 58.75): VU038588.D (-2281) (-)

Ion 57.20 (56.90 to 57.90): VU038588.D (-2281) (-)

Ion 100.15 (99.85 to 100.85): VU038588.D (-2281) (-)

25000

20000

15000

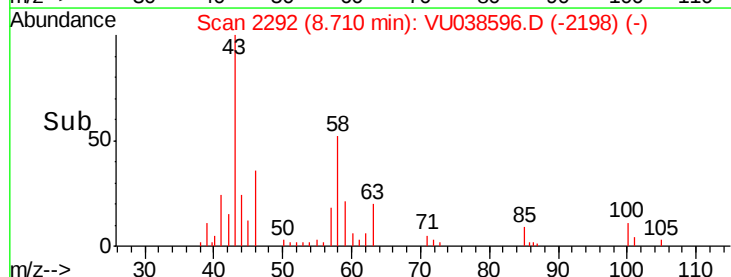
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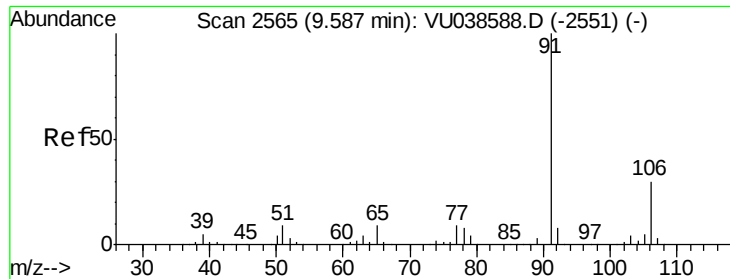
5000

0

Time-->

8.65 8.70 8.75 8.80





#52

Ethylbenzene

Concen: 0.604 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. 0.00 min

Lab File: VU038596.D

Acq: 06 Jun 2020 02:55

Instrument :

MSVOA_U

ClientSampleId :

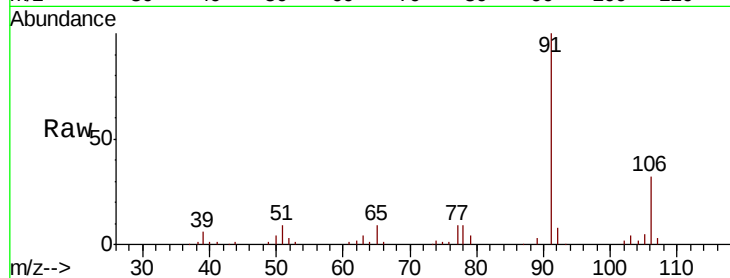
F9D07

Tot Ion: 91 Resp: 58956

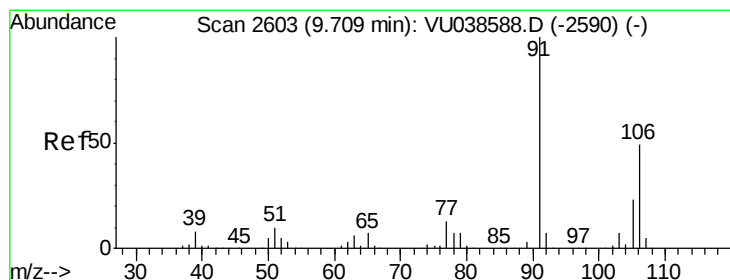
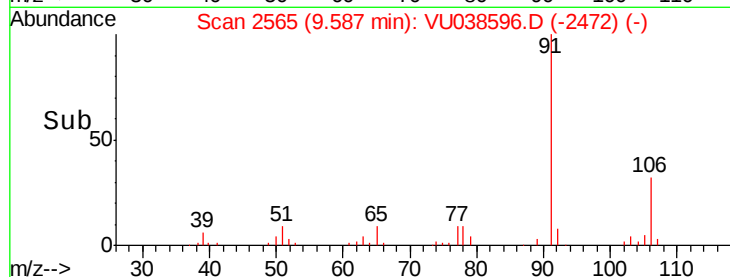
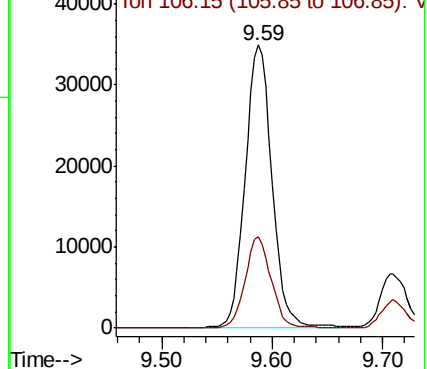
Ion Ratio Lower Upper

91 100

106 32.4 21.7 40.3



Abundance Ion 91.15 (90.85 to 91.85): VU038588.D (-2551) (-)



#53

m,p-Xylene

Concen: 0.146 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VU038596.D

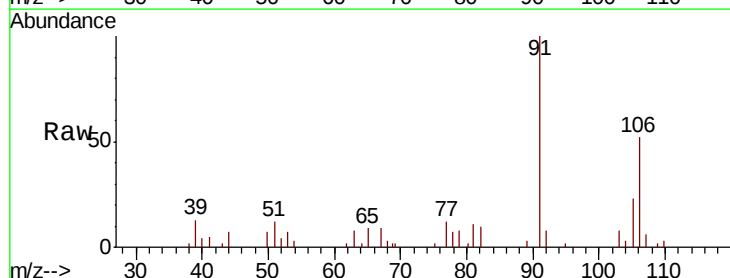
Acq: 06 Jun 2020 02:55

Tgt Ion: 106 Resp: 5489

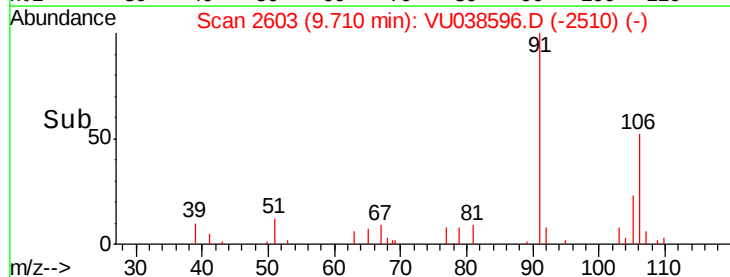
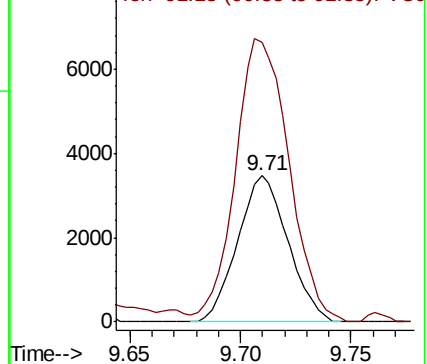
Ion Ratio Lower Upper

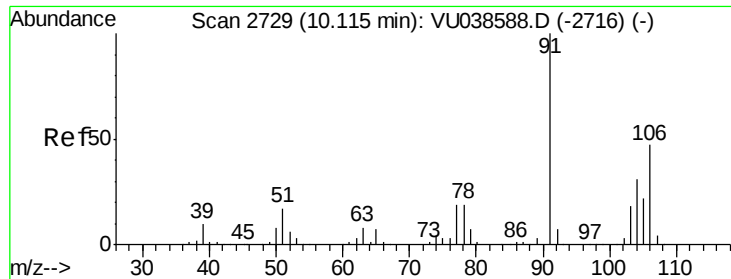
106 100

91 191.4 138.1 256.5



Abundance Ion 106.15 (105.85 to 106.85): VU038588.D (-2590) (-)

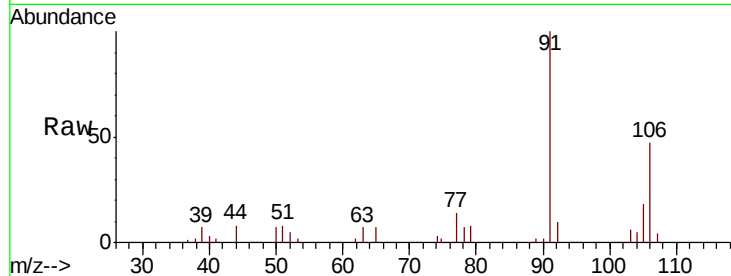




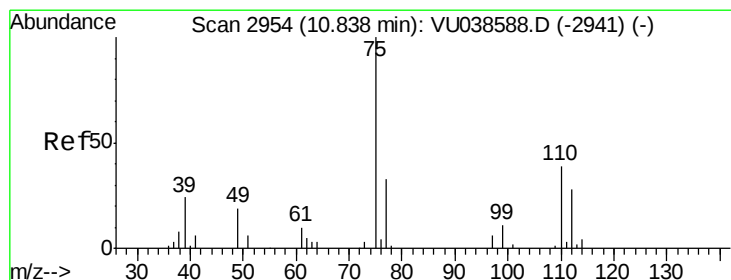
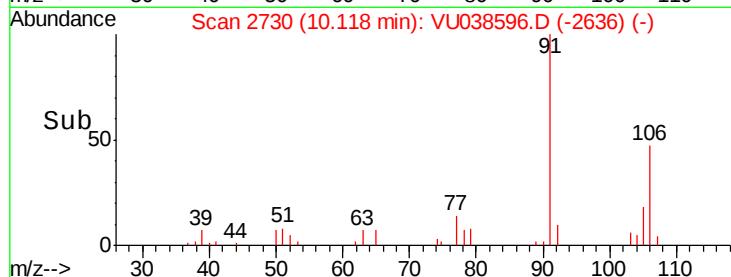
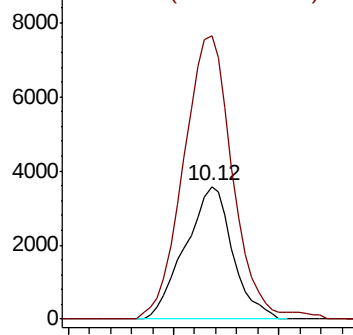
#54
o-Xylene
Concen: 0.155 ug/L
RT: 10.12 min Scan# 2730
Delta R.T. 0.00 min
Lab File: VU038596.D
Acq: 06 Jun 2020 02:55

Instrument :
MSVOA_U
ClientSampleID :
F9D07

Tot Ion:106 Resp: 5598
Ion Ratio Lower Upper
106 100
91 213.1 150.6 279.8

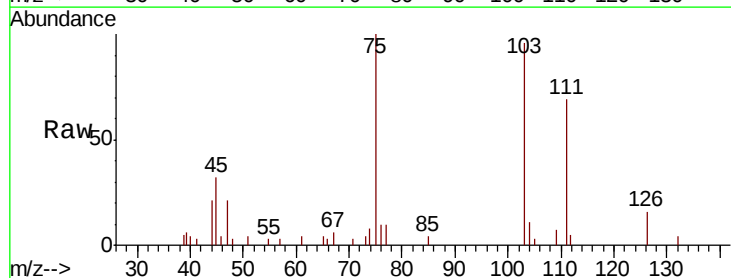


Abundance Ion 106.15 (105.85 to 106.85): VU038588.D (-2716) (-)
Ion 91.15 (90.85 to 91.85): VU038588.D (-2716) (-)



#59
1,2,3-Trichloropropane
Concen: 0.422 ug/L
RT: 10.54 min Scan# 2861
Delta R.T. -0.30 min
Lab File: VU038596.D
Acq: 06 Jun 2020 02:55

Tgt Ion: 75 Resp: 6632
Ion Ratio Lower Upper
75 100
77 8.5 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU038588.D (-2941) (-)
Ion 77.00 (76.70 to 77.70): VU038588.D (-2941) (-)

