

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U060520\
 Data File : VU038595.D
 Acq On : 06 Jun 2020 02:32
 Operator : SY/MD
 Sample : L2910-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D06

Quant Time: Jun 06 03:30:40 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	303430	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	298044	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	150471	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	60693	3.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.80%
7) Chloroethane-d5	1.93	69	58850	3.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.00%
11) 1,1-Dichloroethene-d2	2.59	63	104752	2.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.20%#
20) 2-Butanone-d5	4.67	46	313189	52.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.00%
24) Chloroform-d	5.10	84	161810	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.74	65	96497	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.76	84	318475	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.72	67	100205	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.60%
41) Toluene-d8	7.92	98	267615	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	8.20	79	40497	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.65	63	258894	53.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.56%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	94195	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	117030	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

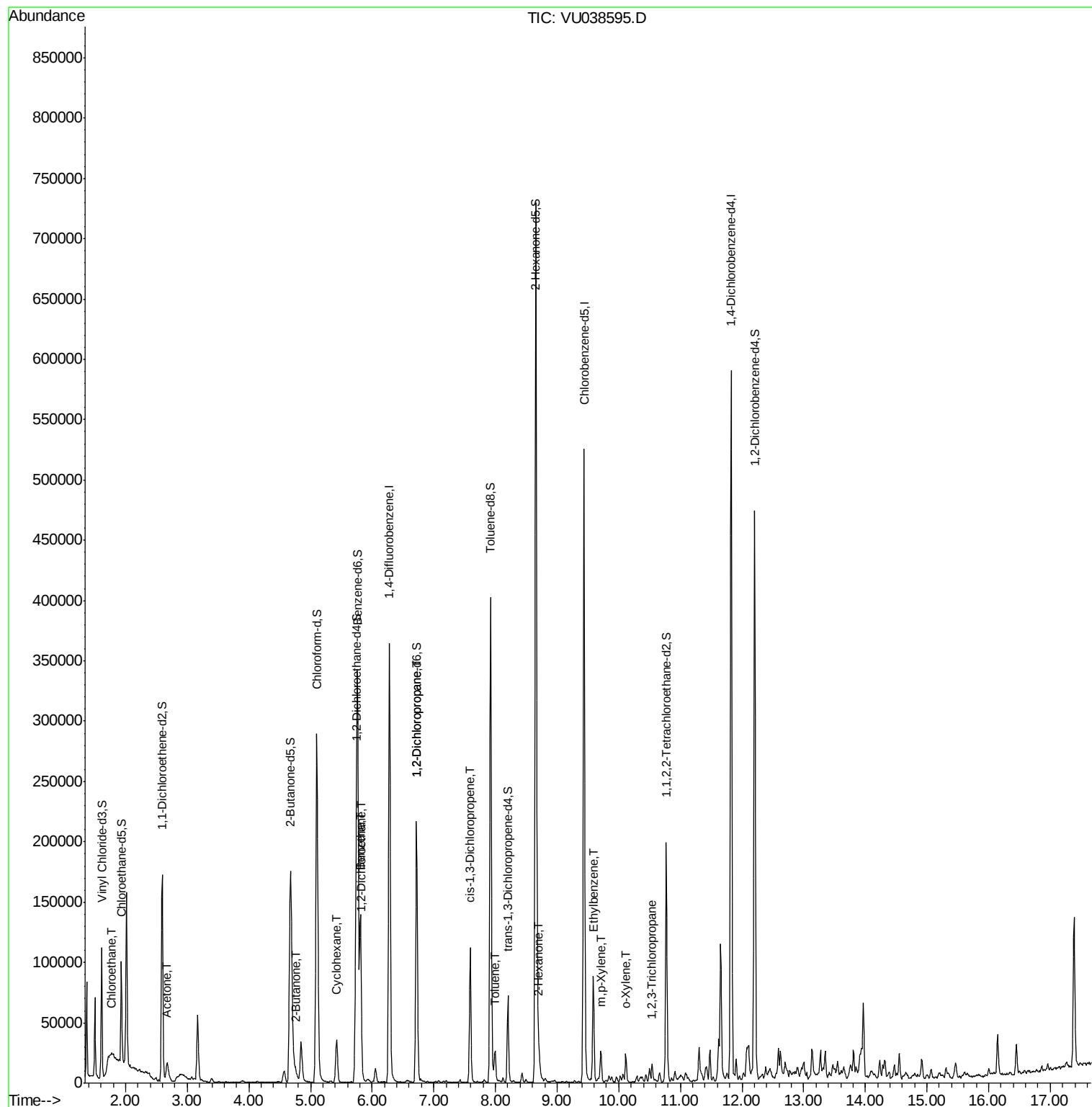
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.77	64	3138	0.223	ug/L #	54
13) Acetone	2.67	43	29511	7.559	ug/L	98
21) 2-Butanone	4.76	43	9375	1.428	ug/L	87
27) 1,2-Dichloroethane	5.83	62	8046	0.312	ug/L #	90
30) Cyclohexane	5.42	56	17217	0.521	ug/L	99
33) Benzene	5.81	78	127375	1.533	ug/L	100
37) 1,2-Dichloropropane	6.72	63	11230	0.537	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	2593	0.084	ug/L #	76
42) Toluene	7.99	91	17169	0.197	ug/L	95
48) 2-Hexanone	8.71	43	12658	1.118	ug/L #	92
52) Ethylbenzene	9.59	91	63074	0.650	ug/L	98
53) m,p-Xylene	9.71	106	6406	0.172	ug/L	76
54) o-Xylene	10.11	106	6199	0.173	ug/L	84
59) 1,2,3-Trichloropropane	10.54	75	6037	0.387	ug/L #	63

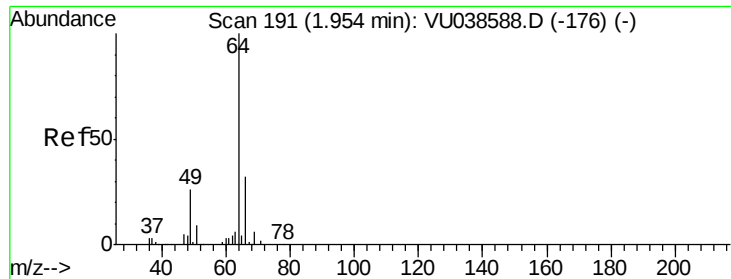
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 06 02:36:38 2020
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#8

Chloroethane

Concen: 0.223 ug/L

RT: 1.77 min Scan# 135

Delta R.T. -0.18 min

Lab File: VU038595.D

Acq: 06 Jun 2020 02:32

Instrument :

MSVOA_U

ClientSampleId :

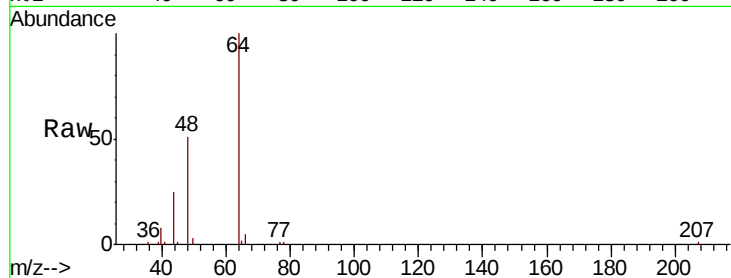
F9D06

Tot Ion: 64 Resp: 3138

Ion Ratio Lower Upper

64 100

66 5.4 21.5 39.9#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

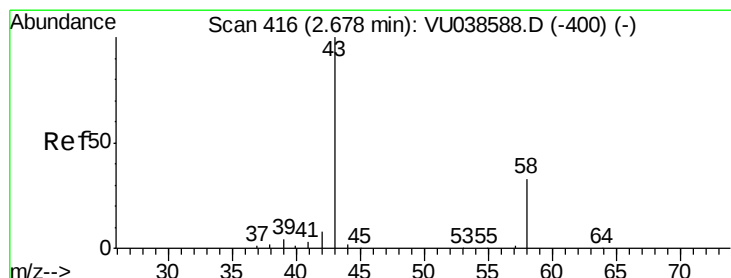
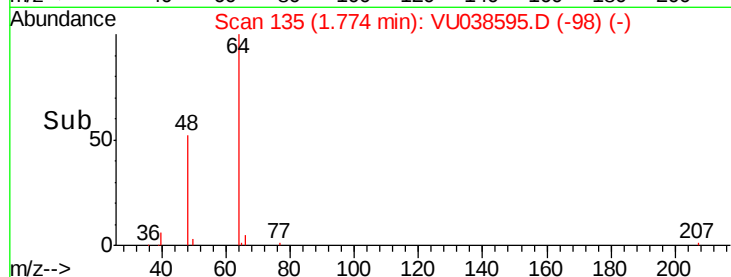
1.77

10000

5000

0

Time--> 1.75 1.76 1.77 1.78 1.79



#13

Acetone

Concen: 7.559 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.00 min

Lab File: VU038595.D

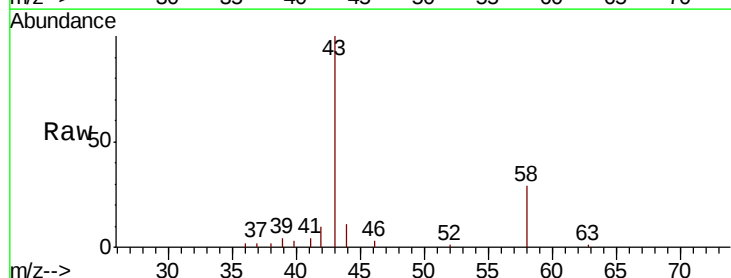
Acq: 06 Jun 2020 02:32

Tgt Ion: 43 Resp: 29511

Ion Ratio Lower Upper

43 100

58 31.5 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.67

10000

8000

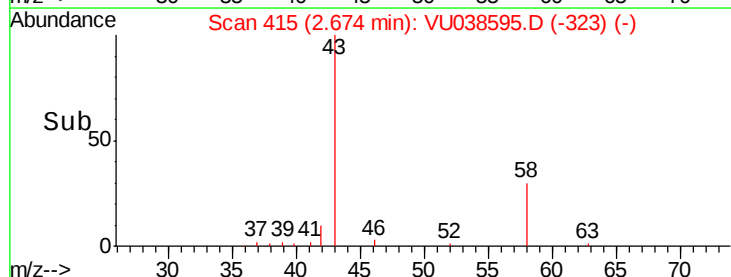
6000

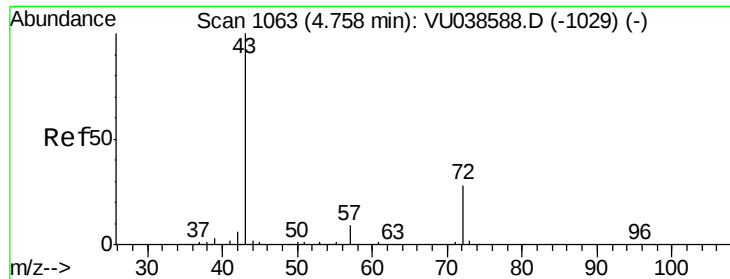
4000

2000

0

Time--> 2.60 2.70 2.80





#21

2-Butanone

Concen: 1.428 ug/L

RT: 4.76 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VU038595.D

Acq: 06 Jun 2020 02:32

Instrument :

MSVOA_U

ClientSampleId :

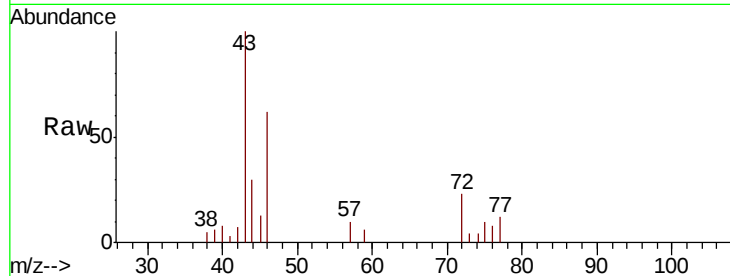
F9D06

Tot Ion: 43 Resp: 9375

Ion Ratio Lower Upper

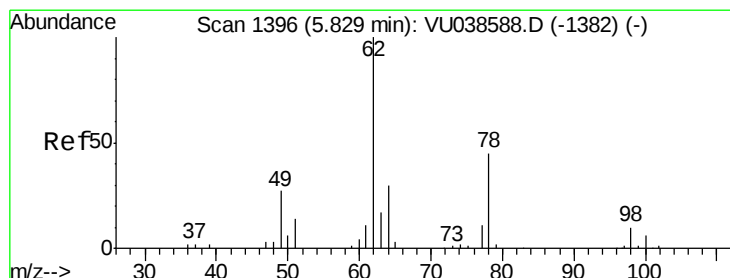
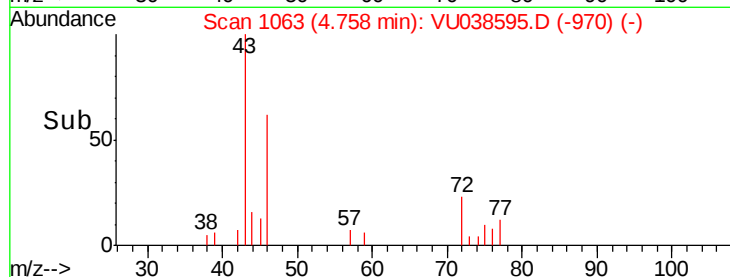
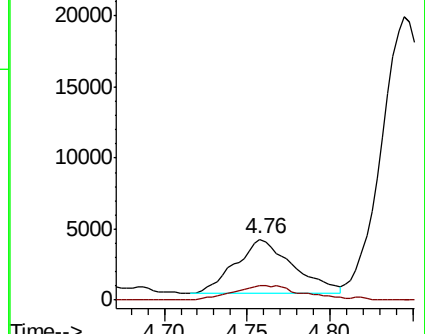
43 100

72 31.5 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) (-)



#27

1,2-Dichloroethane

Concen: 0.312 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VU038595.D

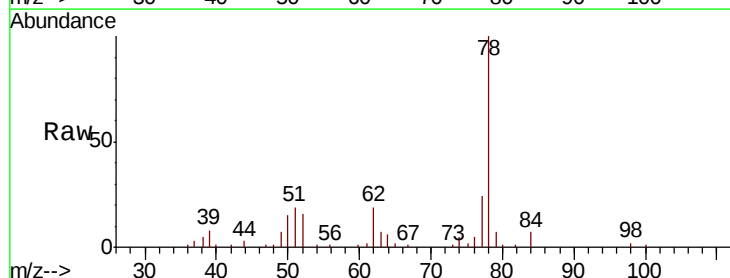
Acq: 06 Jun 2020 02:32

Tgt Ion: 62 Resp: 8046

Ion Ratio Lower Upper

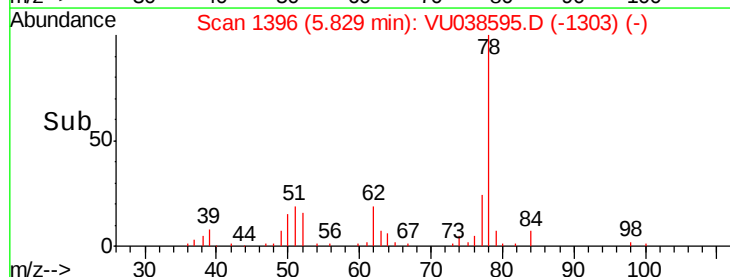
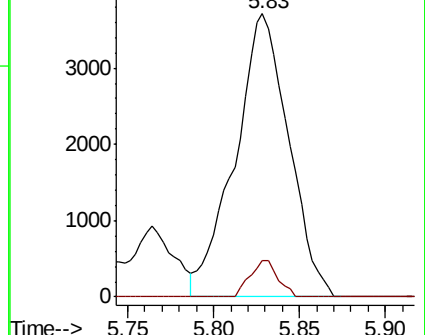
62 100

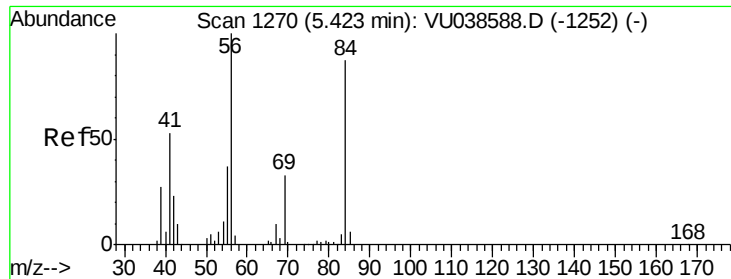
98 13.0 7.4 11.2#



Abundance Ion 62.00 (61.70 to 62.70): VU038588.D (-1382) (-)

Ion 98.05 (97.75 to 98.75): VU038588.D (-1382) (-)

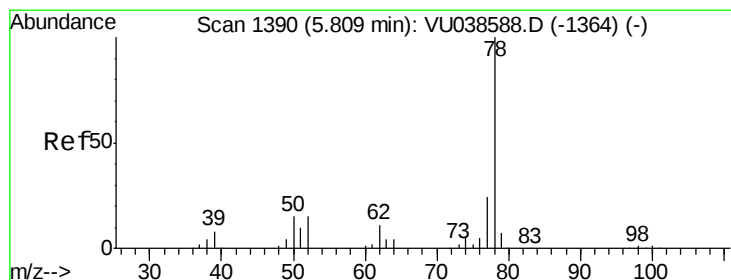
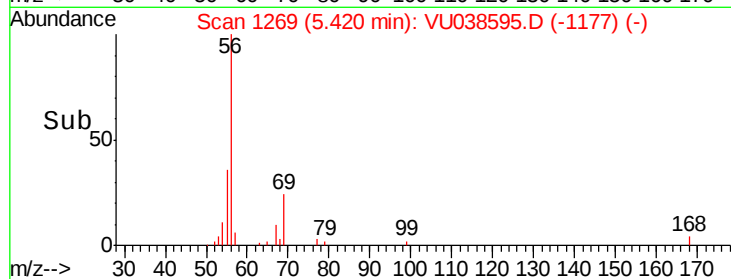
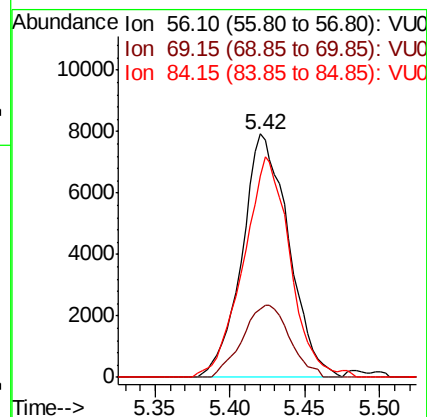
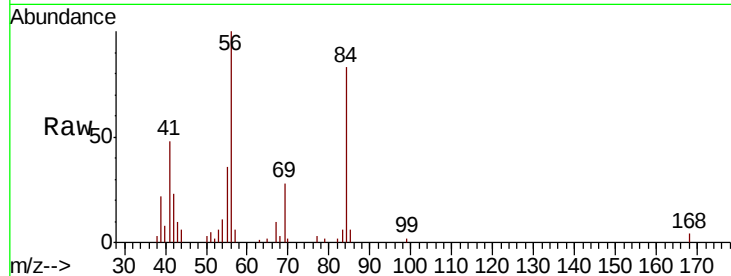




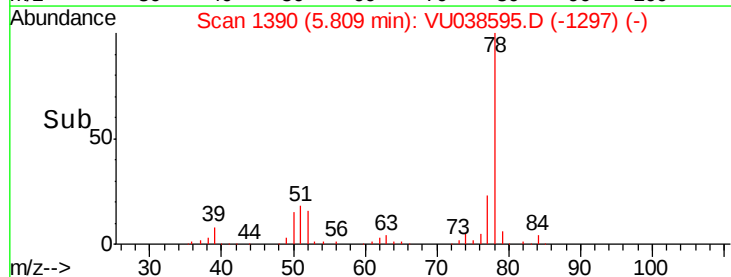
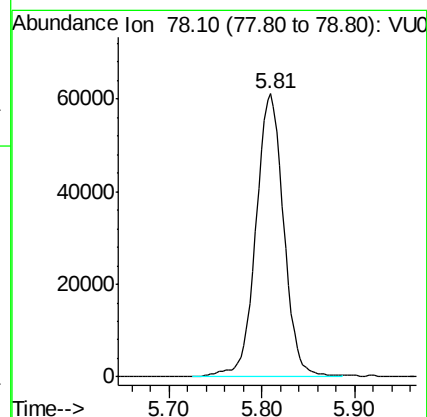
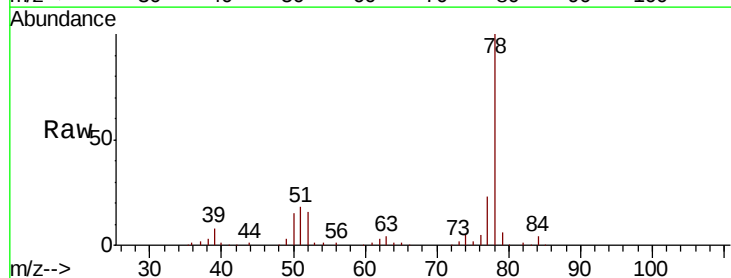
#30
Cyclohexane
Concen: 0.521 ug/L
RT: 5.42 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VU038595.D
Acq: 06 Jun 2020 02:32

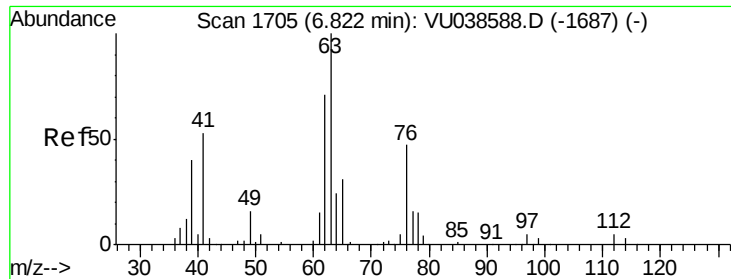
Instrument :
MSVOA_U
ClientSampleId :
F9D06

Tot Ion: 56 Resp: 17217
Ion Ratio Lower Upper
56 100
69 29.8 24.2 36.4
84 90.1 70.8 106.2



#33
Benzene
Concen: 1.533 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU038595.D
Acq: 06 Jun 2020 02:32
Tgt Ion: 78 Resp: 127375

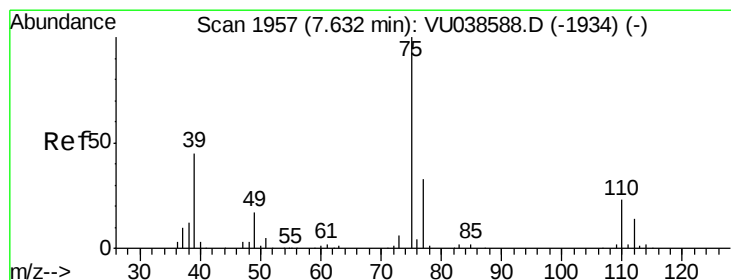
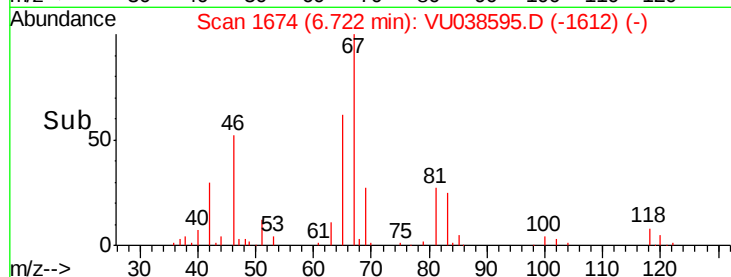
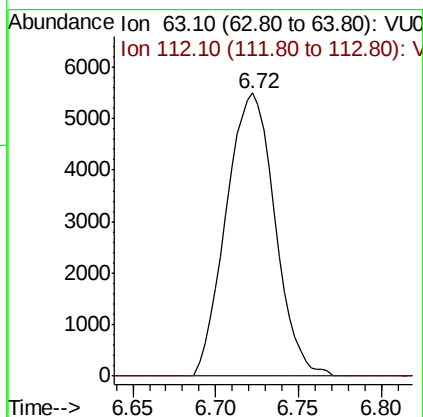
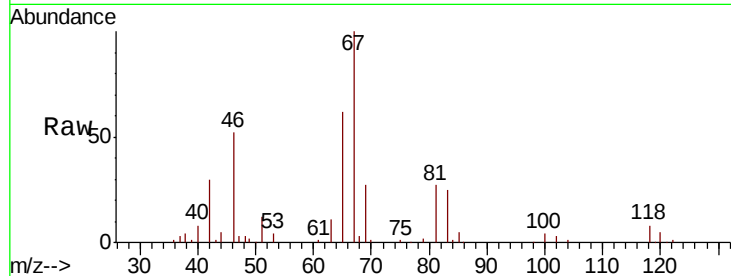




#37
 1,2-Dichloropropane
 Concen: 0.537 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038595.D
 Acq: 06 Jun 2020 02:32

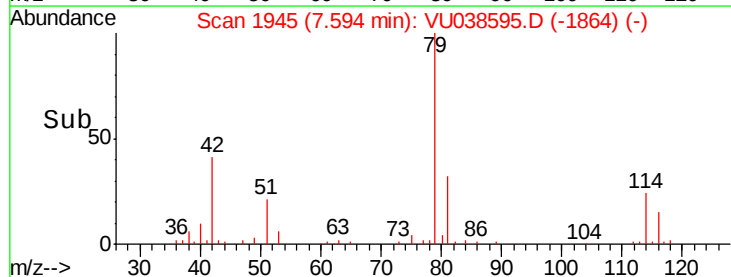
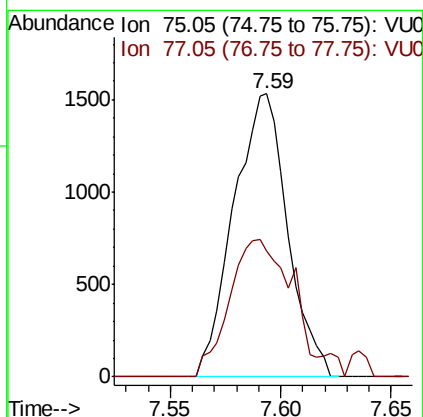
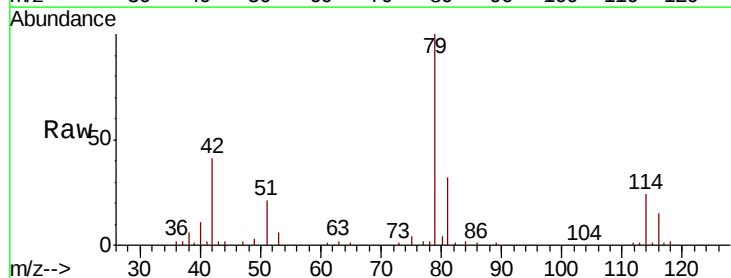
Instrument :
 MSVOA_U
 ClientSampleId :
 F9D06

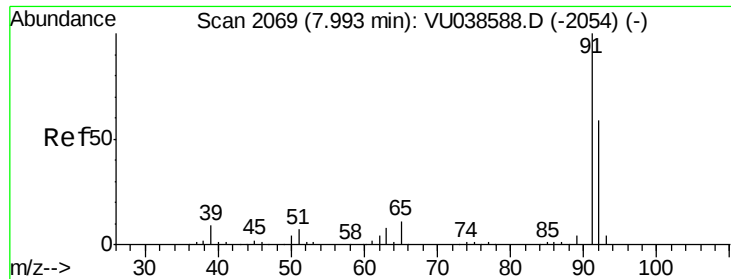
Tot Ion: 63 Resp: 11230
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU038595.D
 Acq: 06 Jun 2020 02:32

Tgt Ion: 75 Resp: 2593
 Ion Ratio Lower Upper
 75 100
 77 44.6 21.9 40.7#





#42

Toluene

Concen: 0.197 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038595.D

Acq: 06 Jun 2020 02:32

Instrument :

MSVOA_U

ClientSampled :

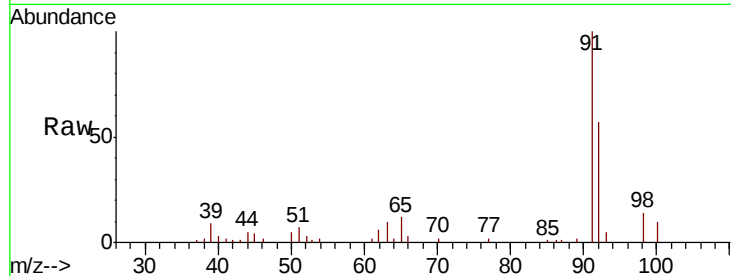
F9D06

Tot Ion: 91 Resp: 17169

Ion Ratio Lower Upper

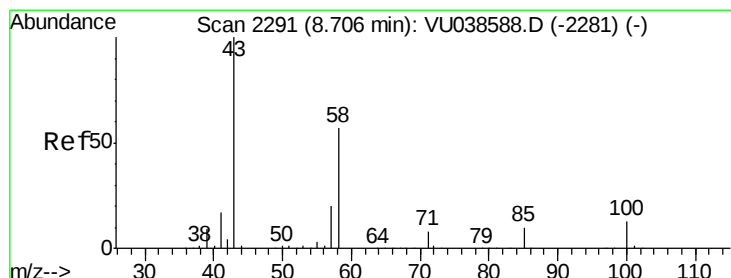
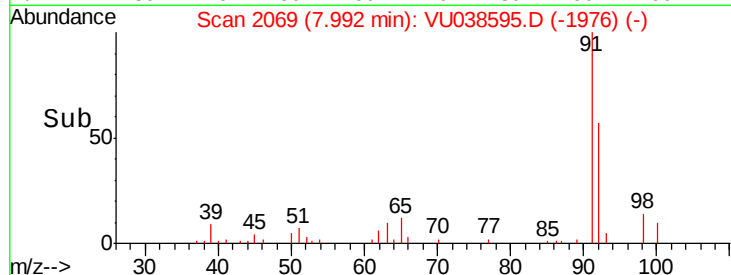
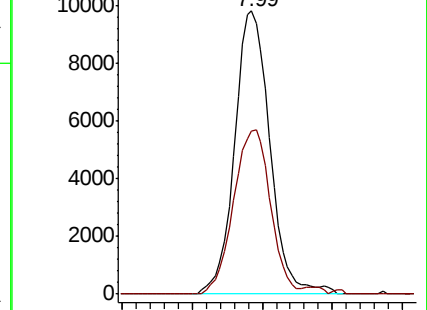
91 100

92 57.4 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) (-)



#48

2-Hexanone

Concen: 1.118 ug/L

RT: 8.71 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VU038595.D

Acq: 06 Jun 2020 02:32

Tgt Ion: 43 Resp: 12658

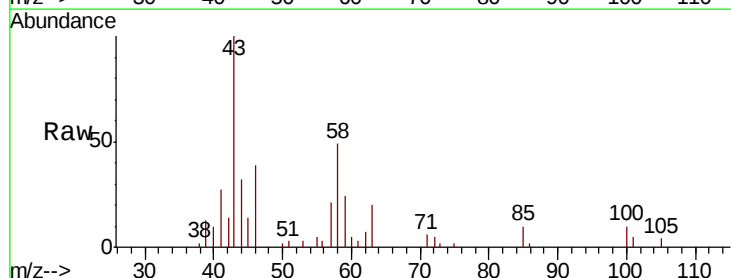
Ion Ratio Lower Upper

43 100

58 50.9 45.4 68.0

57 23.9 15.9 23.9#

100 10.8 10.5 15.7

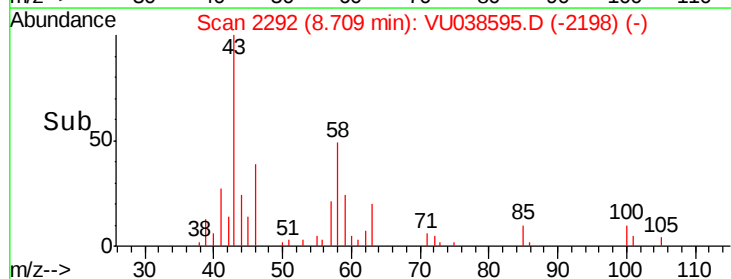
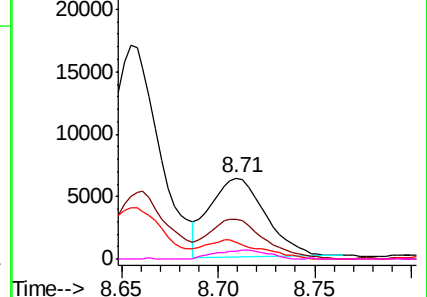


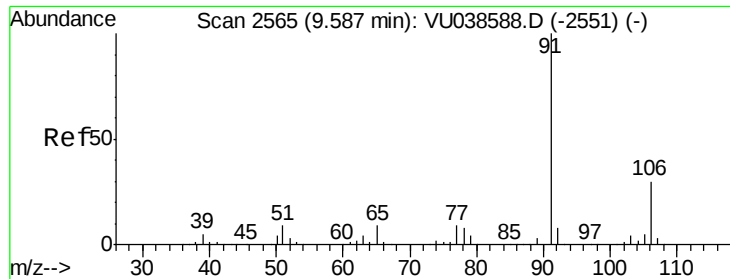
Abundance Ion 43.05 (42.75 to 43.75): VU038588.D (-2281) (-)

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) (-)





#52

Ethylbenzene

Concen: 0.650 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU038595.D

Acq: 06 Jun 2020 02:32

Instrument :

MSVOA_U

ClientSampleId :

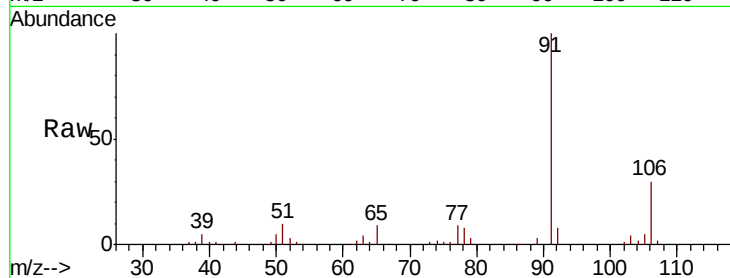
F9D06

Tot Ion: 91 Resp: 63074

Ion Ratio Lower Upper

91 100

106 30.0 21.7 40.3



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

Ion 106.15 (105.85 to 106.85): VU038588.D (-2551) (-)

9.59

40000

30000

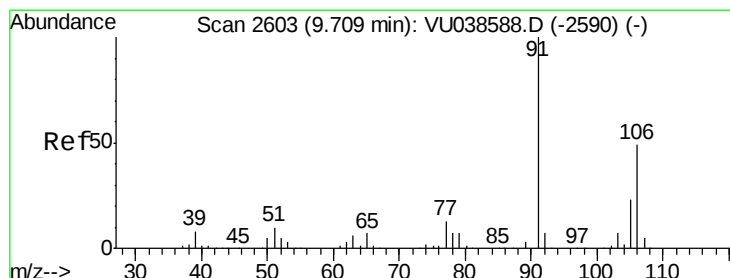
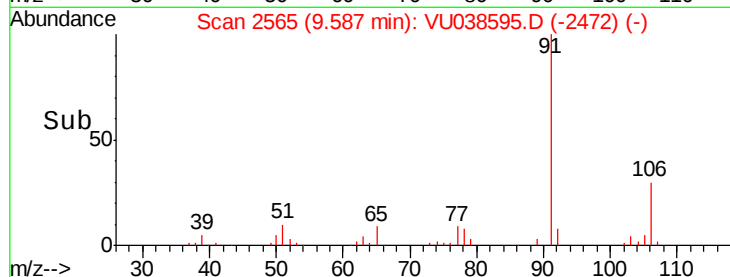
20000

10000

0

Time-->

9.50 9.55 9.60 9.65



#53

m,p-Xylene

Concen: 0.172 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VU038595.D

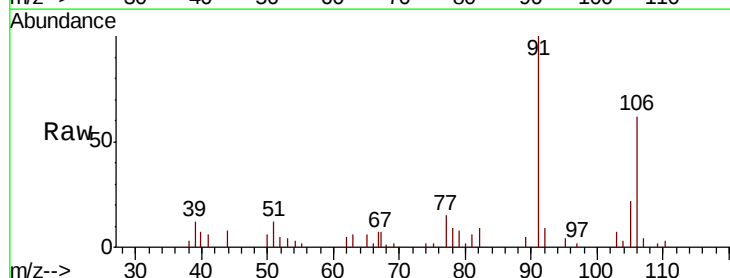
Acq: 06 Jun 2020 02:32

Tgt Ion: 106 Resp: 6406

Ion Ratio Lower Upper

106 100

91 161.5 138.1 256.5



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

Ion 91.15 (90.85 to 91.85): VU038588.D (-2590) (-)

9.71

8000

6000

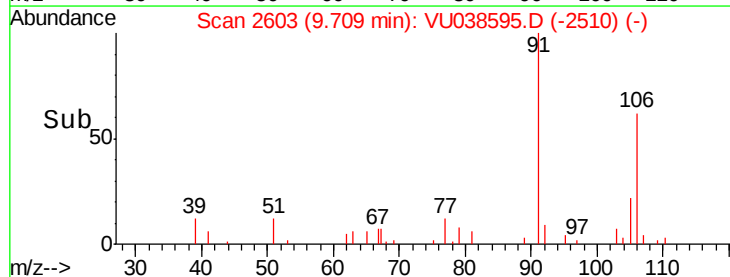
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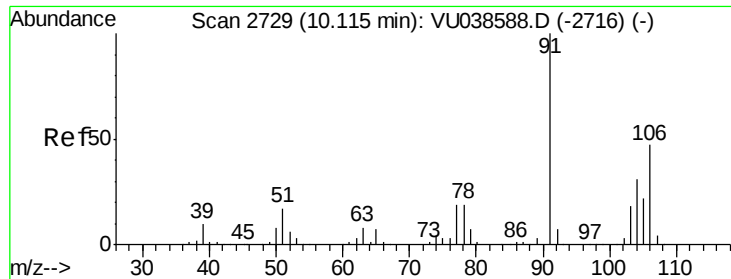
2000

0

Time-->

9.65 9.70 9.75

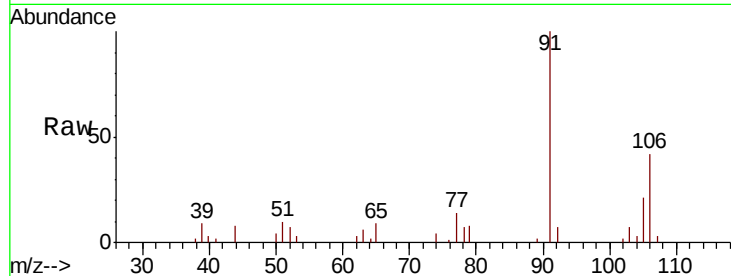




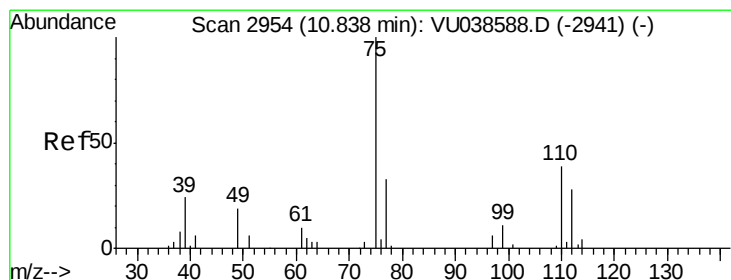
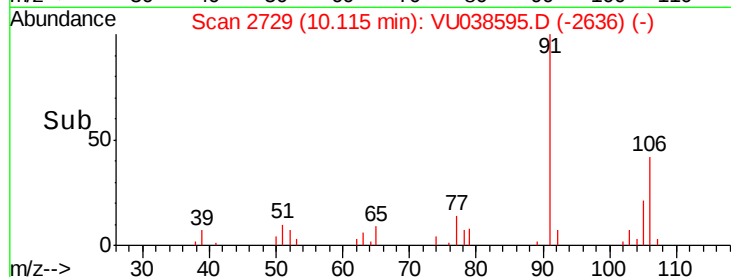
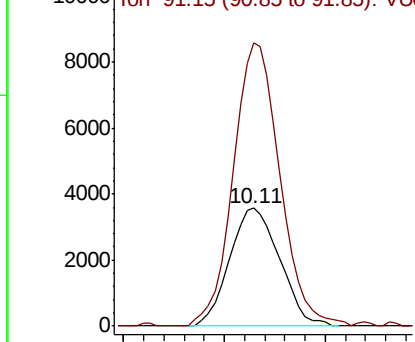
#54
o-Xylene
Concen: 0.173 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU038595.D
Acq: 06 Jun 2020 02:32

Instrument :
MSVOA_U
ClientSampled :
F9D06

Tot Ion:106 Resp: 6199
Ion Ratio Lower Upper
106 100
91 239.9 150.6 279.8

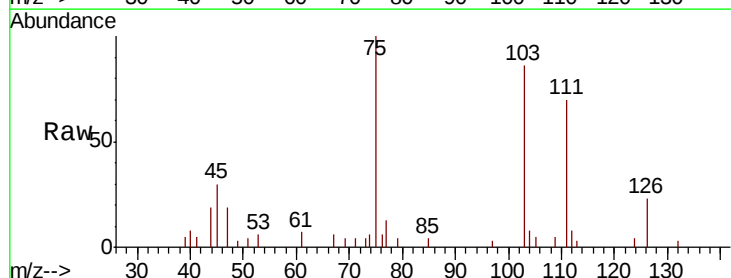


Abundance Ion 106.15 (105.85 to 106.85): VU038588.D (-2716) (-)
Ion 91.15 (90.85 to 91.85): VU038588.D (-2716) (-)



#59
1,2,3-Trichloropropane
Concen: 0.387 ug/L
RT: 10.54 min Scan# 2861
Delta R.T. -0.30 min
Lab File: VU038595.D
Acq: 06 Jun 2020 02:32

Tgt Ion: 75 Resp: 6037
Ion Ratio Lower Upper
75 100
77 11.2 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) (-)

