

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061120\
 Data File : VU038799.D
 Acq On : 11 Jun 2020 00:27
 Operator : SY/MD
 Sample : L2915-08 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E16

Quant Time: Jun 11 03:46:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 03:42:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	548095	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	535847	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	255871	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	176613	57.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	115.34%
7) Chloroethane-d5	1.93	69	140064	58.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.92%
11) 1,1-Dichloroethene-d2	2.59	63	280198	41.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.96%
21) 2-Butanone-d5	4.67	46	365567	122.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.71%
24) Chloroform-d	5.10	84	361240	54.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.42%
26) 1,2-Dichloroethane-d4	5.74	65	250547	57.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.50%
32) Benzene-d6	5.76	84	728800	56.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.92%
36) 1,2-Dichloropropane-d6	6.72	67	224082	56.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.66%
41) Toluene-d8	7.92	98	633794	54.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.68%
43) trans-1,3-Dichloropropene-	8.20	79	106192	53.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.04%
47) 2-Hexanone-d5	8.65	63	256604	121.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.19%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	325537	54.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.72%
64) 1,2-Dichlorobenzene-d4	12.20	152	258333	58.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.30%

Target Compounds

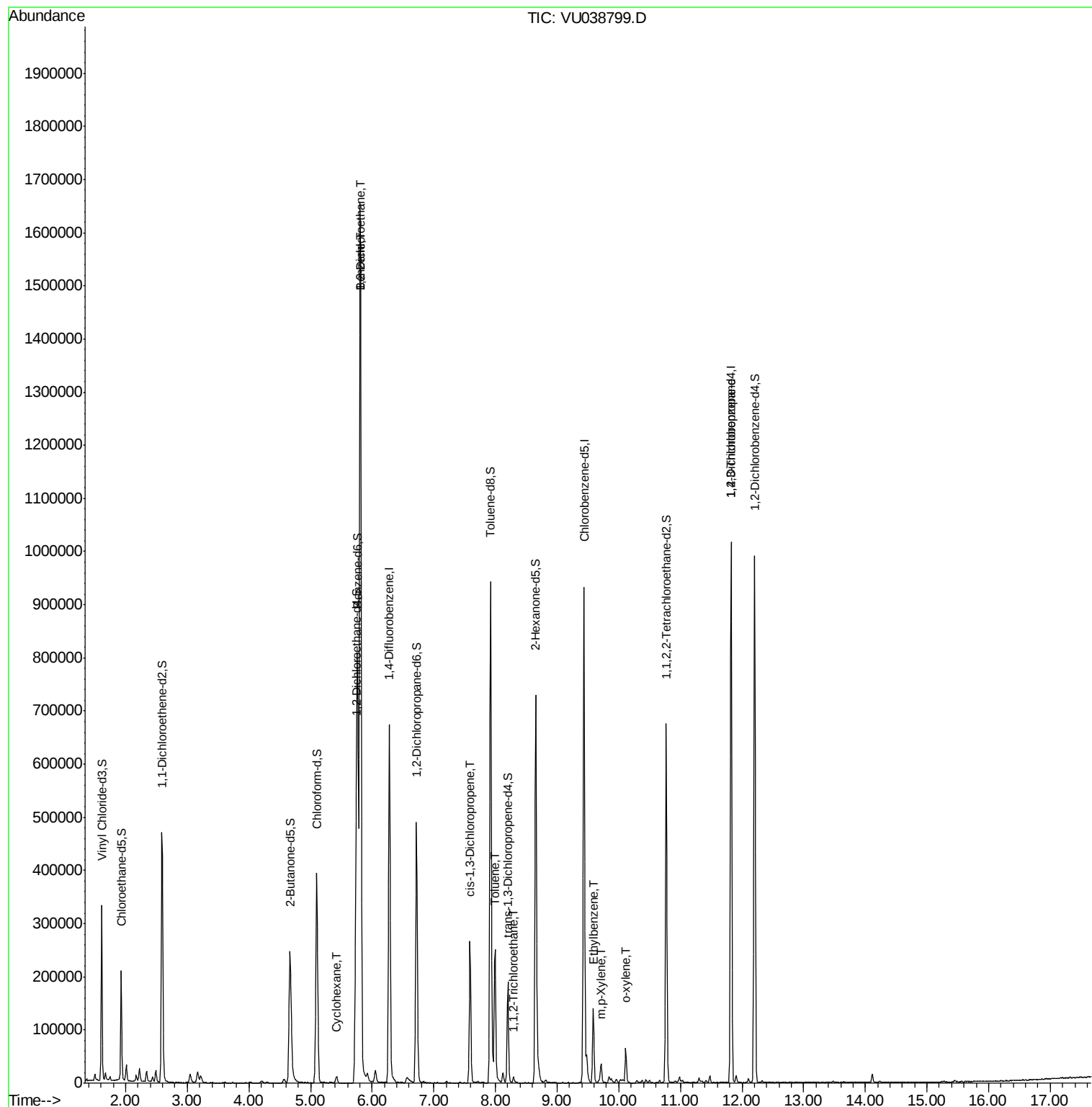
					Ovalue
27) 1,2-Dichloroethane	5.81	62	18539	3.113 ug/L #	74
29) Cyclohexane	5.42	56	5180	0.845 ug/L	96
33) Benzene	5.81	78	1562025	98.165 ug/L	100
39) cis-1,3-Dichloropropene	7.59	75	6852	1.071 ug/L #	76
42) Toluene	7.99	91	183119	11.006 ug/L	97
45) 1,1,2-Trichloroethane	8.29	97	7694	1.928 ug/L #	18
52) Ethylbenzene	9.59	91	99414	5.414 ug/L	100
53) m,p-Xylene	9.71	106	9084	1.289 ug/L	92
54) o-xylene	10.11	106	18437	2.694 ug/L	93
59) 1,2,3-Trichloropropane	11.82	75	32174	5.534 ug/L	89

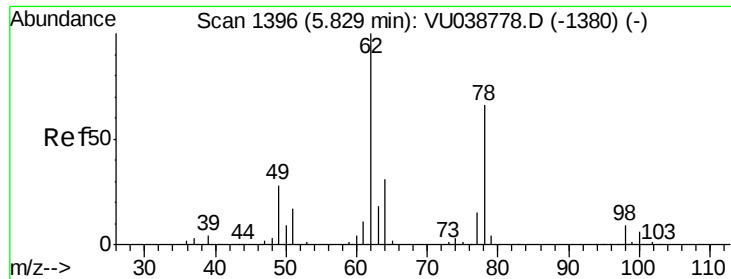
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

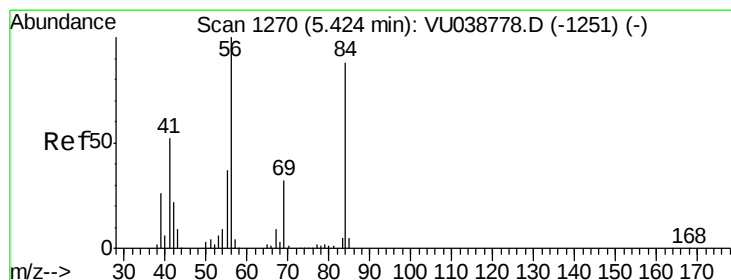
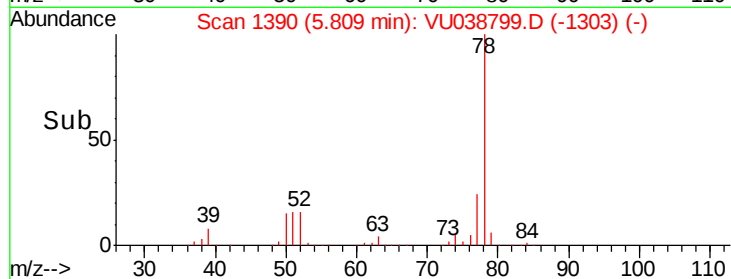
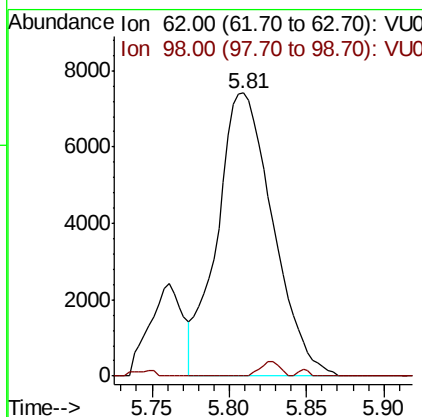
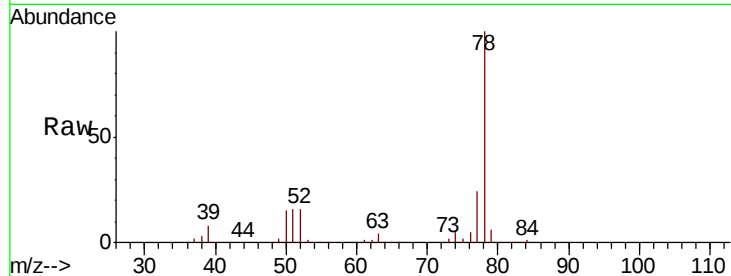




#27
 1,2-Dichloroethane
 Concen: 3.113 ug/L
 RT: 5.81 min Scan# 1390
 Delta R.T. -0.02 min
 Lab File: VU038799.D
 Acq: 11 Jun 2020 00:27

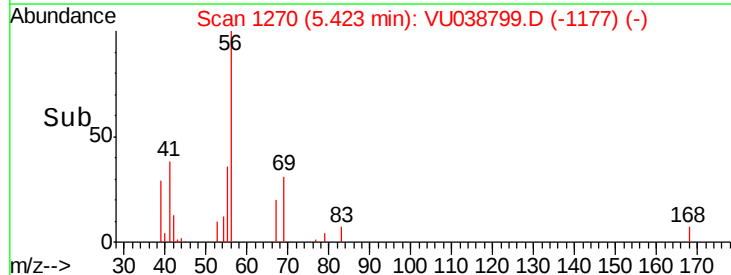
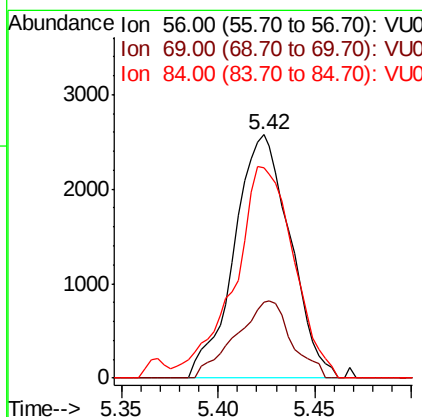
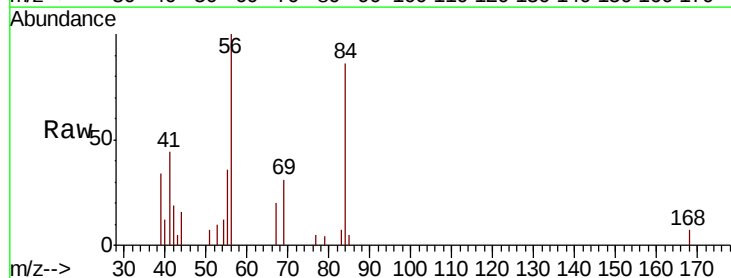
Instrument :
 MSVOA_U
 ClientSampleId :
 F9E16

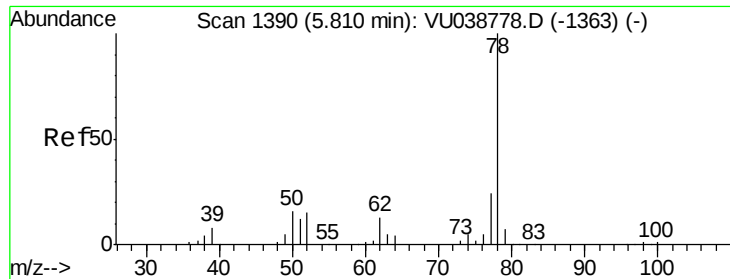
Tot Ion: 62 Resp: 18539
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.8 11.6#



#29
 Cyclohexane
 Concen: 0.845 ug/L
 RT: 5.42 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VU038799.D
 Acq: 11 Jun 2020 00:27

Tgt Ion: 56 Resp: 5180
 Ion Ratio Lower Upper
 56 100
 69 31.5 25.1 37.7
 84 92.8 70.5 105.7





#33

Benzene

Concen: 98.165 ug/L

RT: 5.81 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VU038799.D

Acq: 11 Jun 2020 00:27

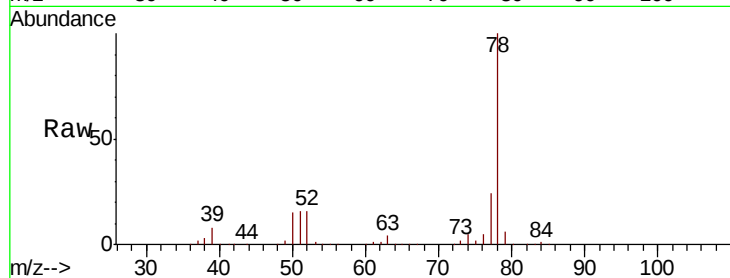
Instrument :

MSVOA_U

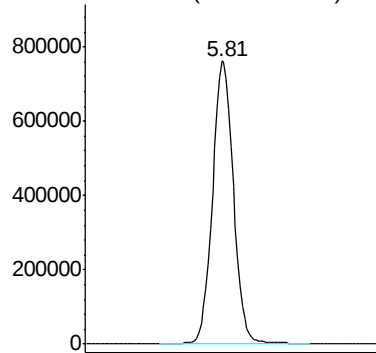
ClientSampleId :

F9E16

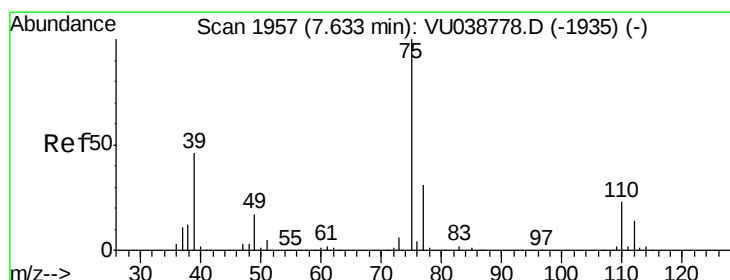
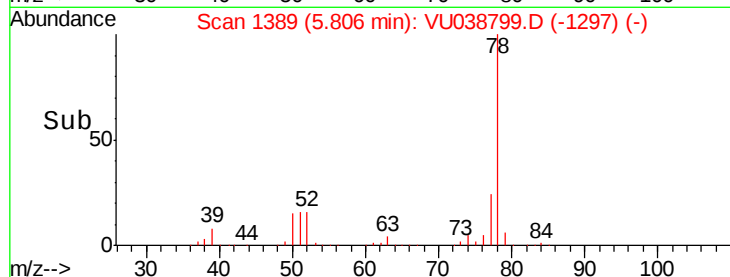
Tgt Ion: 78 Resp: 1562025



Abundance Ion 78.00 (77.70 to 78.70): VU0



Time-->



#39

cis-1,3-Dichloropropene

Concen: 1.071 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU038799.D

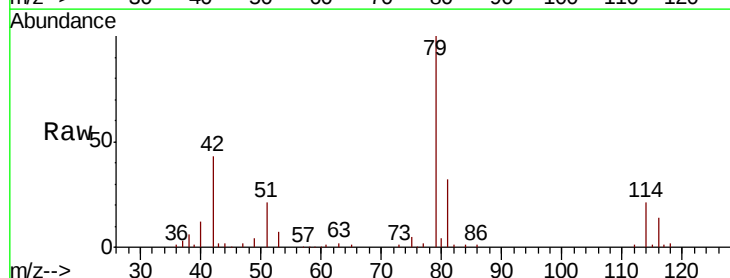
Acq: 11 Jun 2020 00:27

Tgt Ion: 75 Resp: 6852

Ion Ratio Lower Upper

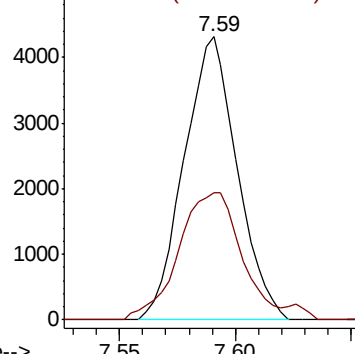
75 100

77 45.0 22.2 41.2#

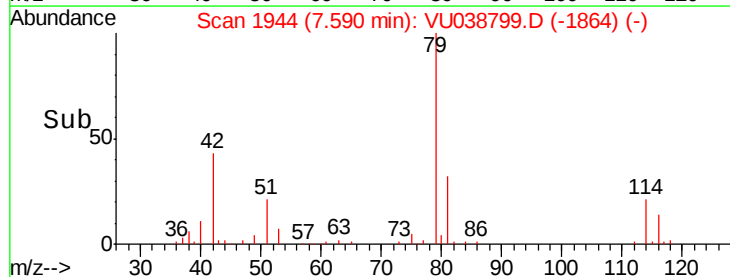


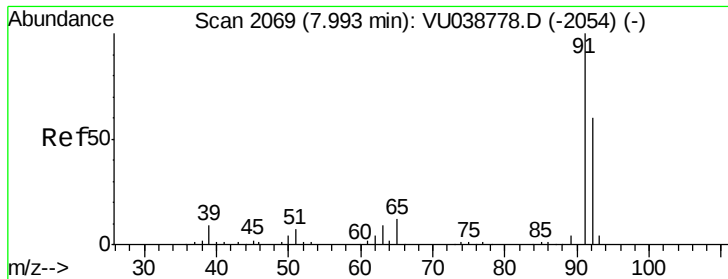
Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time-->





#42

Toluene

Concen: 11.006 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038799.D

Acq: 11 Jun 2020 00:27

Instrument :

MSVOA_U

ClientSampleId :

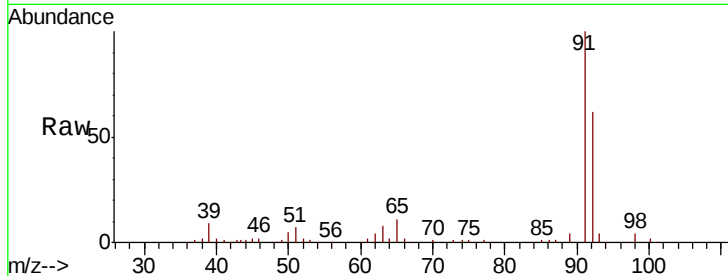
F9E16

Tot Ion: 91 Resp: 183119

Ion Ratio Lower Upper

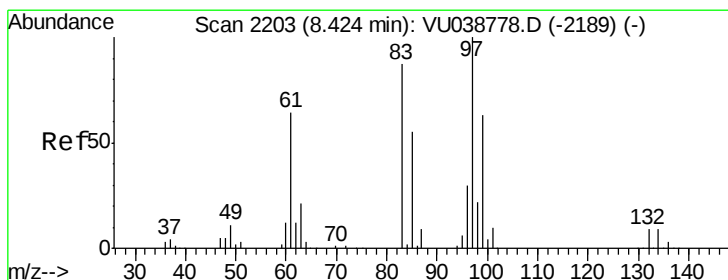
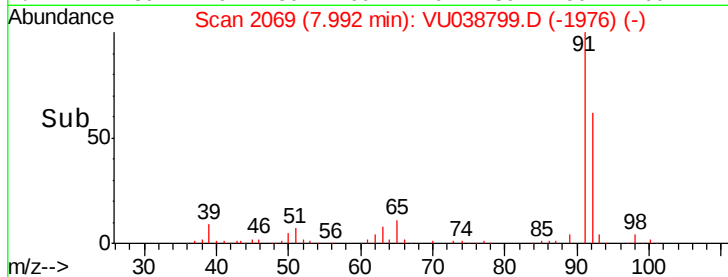
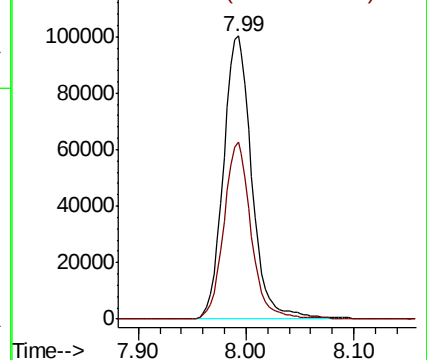
91 100

92 62.4 42.2 78.4



Abundance Ion 91.00 (90.70 to 91.70): VU038778.D (-2054) (-)

Ion 92.00 (91.70 to 92.70): VU038778.D (-2054) (-)



#45

1,1,2-Trichloroethane

Concen: 1.928 ug/L

RT: 8.29 min Scan# 2162

Delta R.T. -0.13 min

Lab File: VU038799.D

Acq: 11 Jun 2020 00:27

Tgt Ion: 97 Resp: 7694

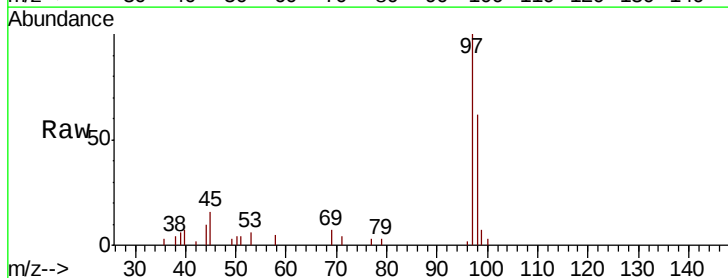
Ion Ratio Lower Upper

97 100

99 7.5 43.6 81.0#

83 0.0 60.0 111.4#

85 0.0 38.4 71.2#

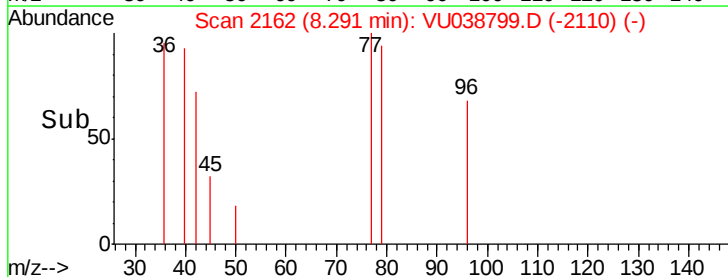
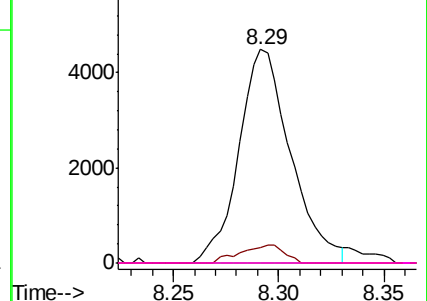


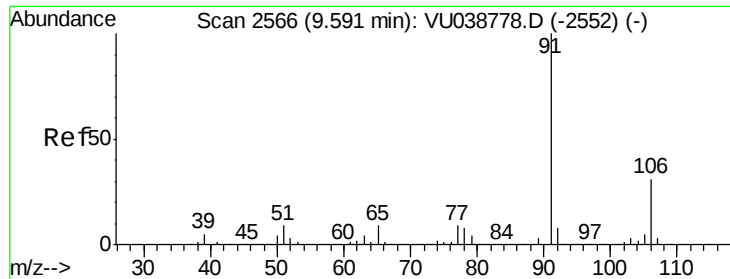
Abundance Ion 97.00 (96.70 to 97.70): VU038778.D (-2189) (-)

Ion 99.00 (98.70 to 99.70): VU038778.D (-2189) (-)

Ion 83.00 (82.70 to 83.70): VU038778.D (-2189) (-)

Ion 85.00 (84.70 to 85.70): VU038778.D (-2189) (-)





#52

Ethylbenzene

Concen: 5.414 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU038799.D

Acq: 11 Jun 2020 00:27

Instrument :

MSVOA_U

ClientSampleId :

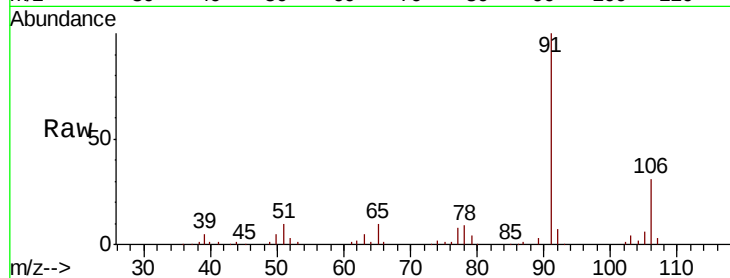
F9E16

Tot Ion: 91 Resp: 99414

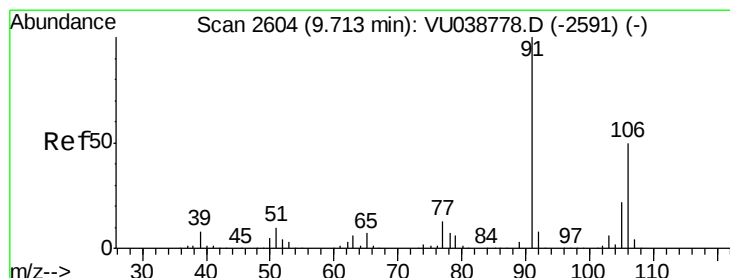
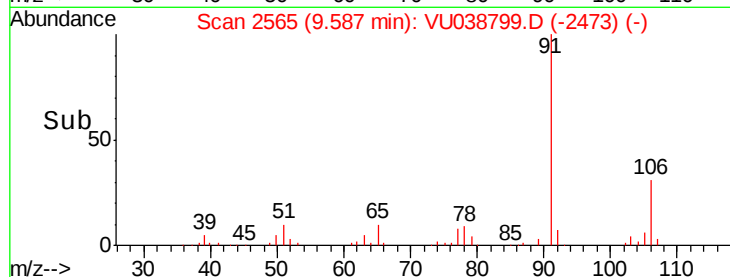
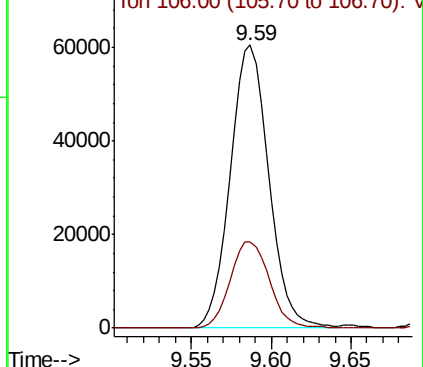
Ion Ratio Lower Upper

91 100

106 30.6 21.5 39.9



Abundance Ion 91.00 (90.70 to 91.70): VU038778.D (-2552) (-)



#53

m,p-Xylene

Concen: 1.289 ug/L

RT: 9.71 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VU038799.D

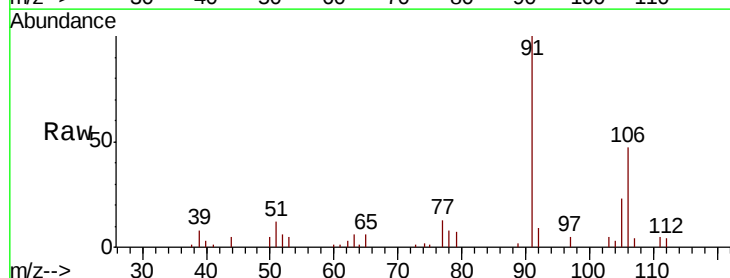
Acq: 11 Jun 2020 00:27

Tgt Ion: 106 Resp: 9084

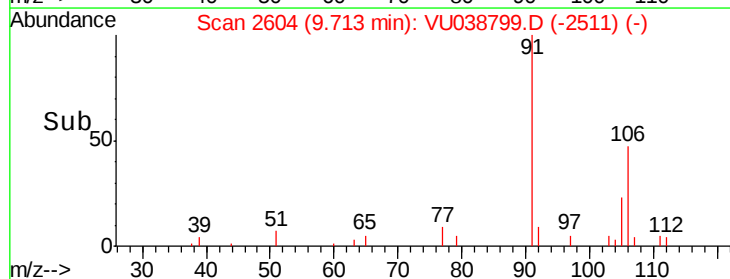
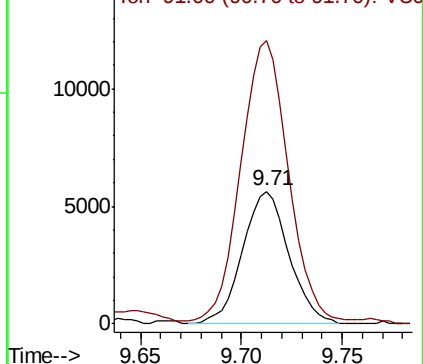
Ion Ratio Lower Upper

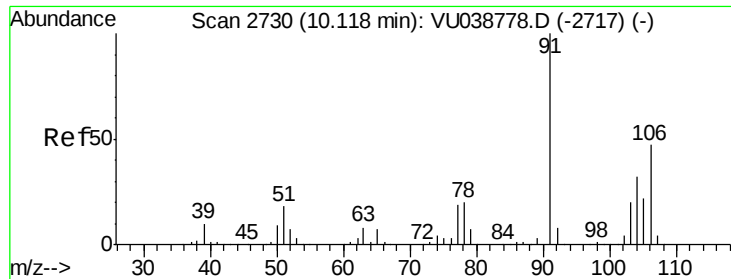
106 100

91 212.8 140.1 260.3



Abundance Ion 106.00 (105.70 to 106.70): VU038799.D (-2511) (-)

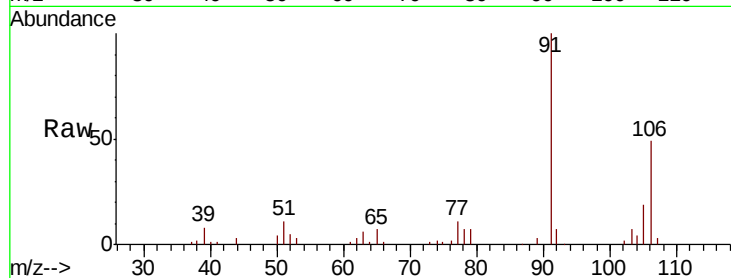




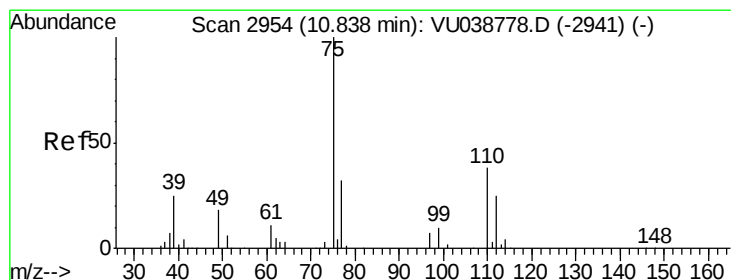
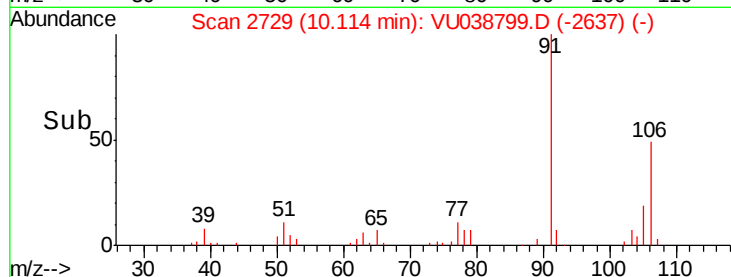
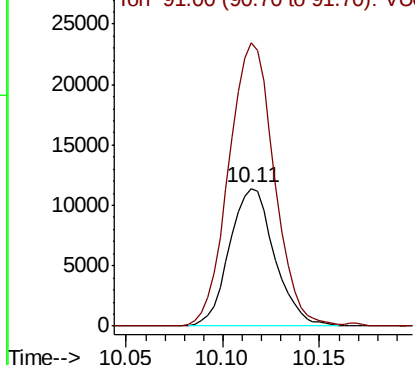
#54
o-xylene
Concen: 2.694 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU038799.D
Acq: 11 Jun 2020 00:27

Instrument :
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ClientSampleId :
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Tot Ion:106 Resp: 18437
Ion Ratio Lower Upper
106 100
91 205.1 151.2 280.8

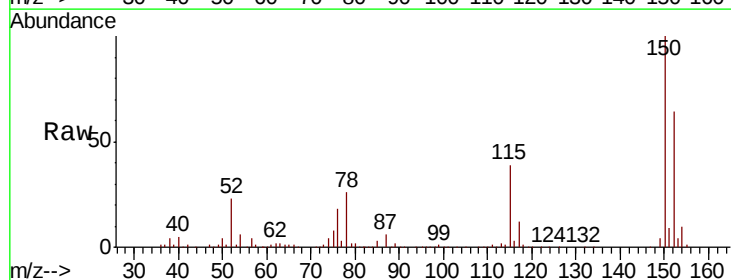


Abundance Ion 106.00 (105.70 to 106.70): VU038778.D
Ion 91.00 (90.70 to 91.70): VU038778.D



#59
1,2,3-Trichloropropane
Concen: 5.534 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038799.D
Acq: 11 Jun 2020 00:27

Tgt Ion: 75 Resp: 32174
Ion Ratio Lower Upper
75 100
77 37.6 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VU038778.D
Ion 77.00 (76.70 to 77.70): VU038778.D

