

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061120\
 Data File : VU038805.D
 Acq On : 11 Jun 2020 03:23
 Operator : SY/MD
 Sample : L2915-12 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E20

Quant Time: Jun 11 07:14:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 07:12:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	549034	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	529733	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	245193	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	170376	55.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.08%
7) Chloroethane-d5	1.93	69	140945	59.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	118.46%
11) 1,1-Dichloroethene-d2	2.59	63	265907	39.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.54%
21) 2-Butanone-d5	4.66	46	361736	121.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.22%
24) Chloroform-d	5.10	84	357291	54.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.04%
26) 1,2-Dichloroethane-d4	5.74	65	244823	55.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.70%
32) Benzene-d6	5.76	84	712668	55.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.70%
36) 1,2-Dichloropropane-d6	6.72	67	219698	55.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.74%
41) Toluene-d8	7.92	98	601396	52.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.30%
43) trans-1,3-Dichloropropene-	8.20	79	104256	52.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.32%
47) 2-Hexanone-d5	8.65	63	253912	121.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.30%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	321312	54.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.54%
64) 1,2-Dichlorobenzene-d4	12.20	152	244869	57.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.04%

Target Compounds

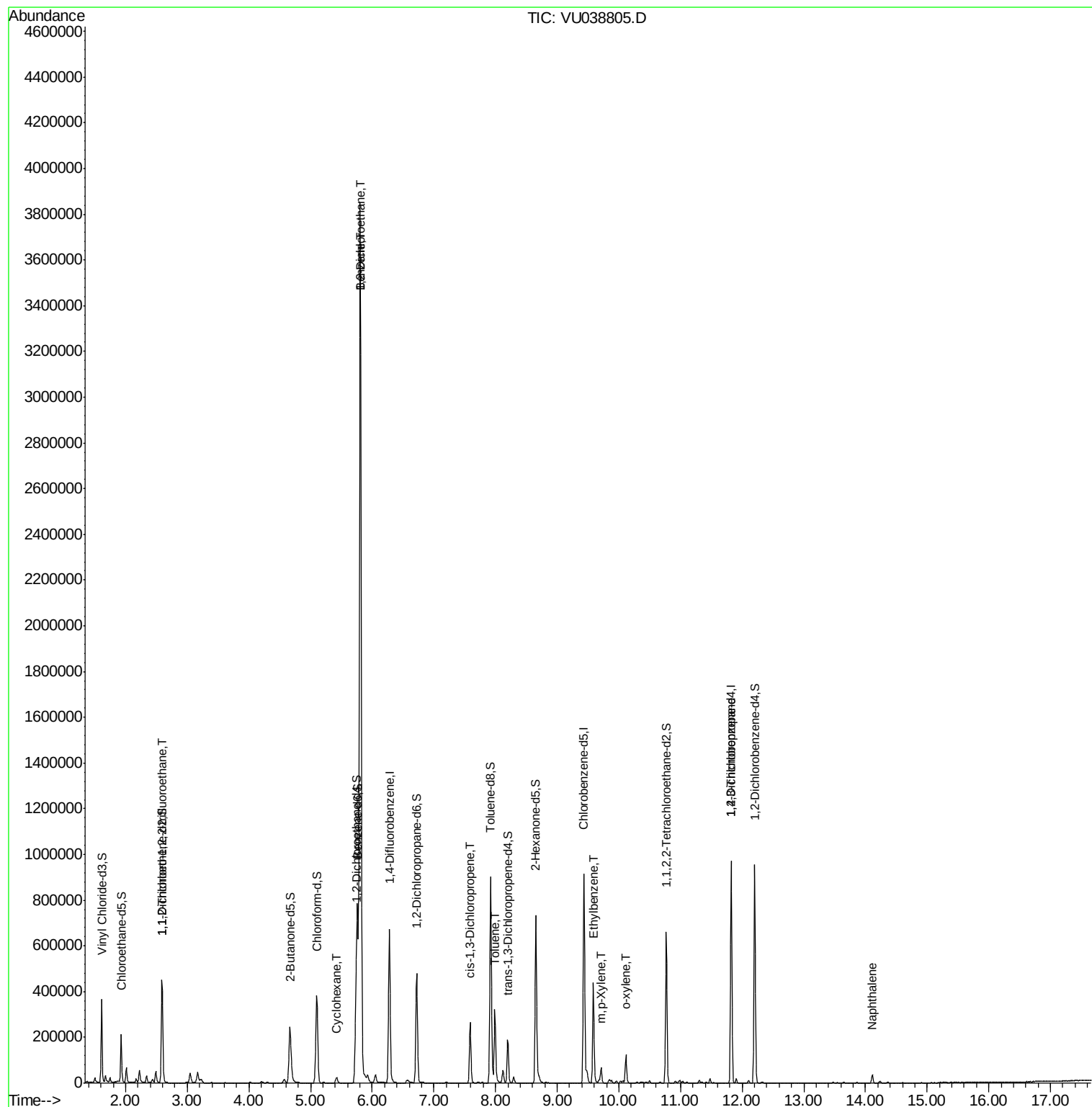
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2584	0.733	ug/L #	21
27) 1,2-Dichloroethane	5.81	62	34178	5.729	ug/L #	74
29) Cyclohexane	5.43	56	10629	1.754	ug/L	92
33) Benzene	5.81	78	3655600	232.386	ug/L	100
39) cis-1,3-Dichloropropene	7.59	75	6791	1.074	ug/L #	70
42) Toluene	7.99	91	232340	14.126	ug/L	100
52) Ethylbenzene	9.59	91	318362	17.538	ug/L	100
53) m,p-Xylene	9.71	106	17104	2.455	ug/L	98
54) o-xylene	10.11	106	33935	5.017	ug/L	98
59) 1,2,3-Trichloropropane	11.82	75	31535	5.487	ug/L	91
69) Naphthalene	14.11	128	28959	1.598	ug/L	98

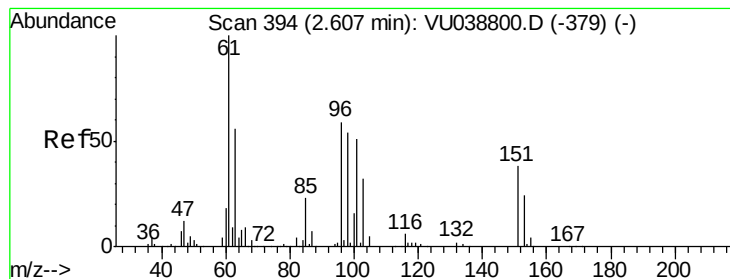
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU061120\
Data File : VU038805.D
Acq On : 11 Jun 2020 03:23
Operator : SY/MD
Sample : L2915-12 100X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9E20

Quant Time: Jun 11 07:14:19 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 11 07:12:16 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.733 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU038805.D

Acq: 11 Jun 2020 03:23

Instrument :

MSVOA_U

ClientSampleId :

F9E20

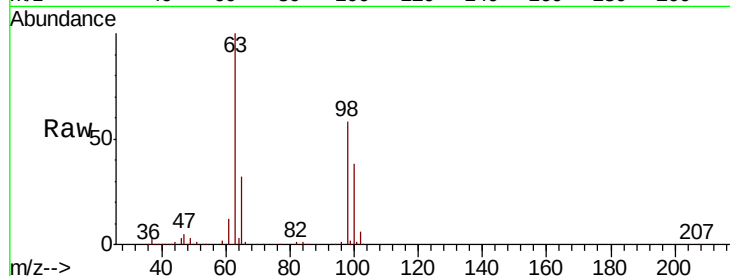
Tot Ion:101 Resp: 2584

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

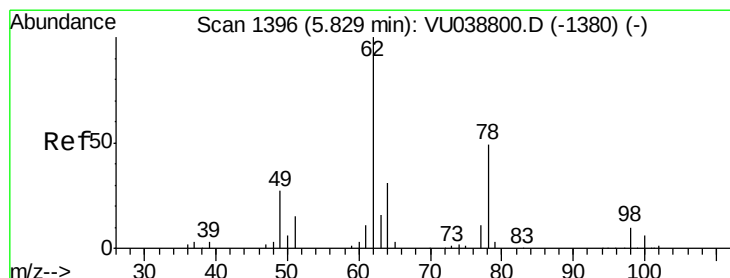
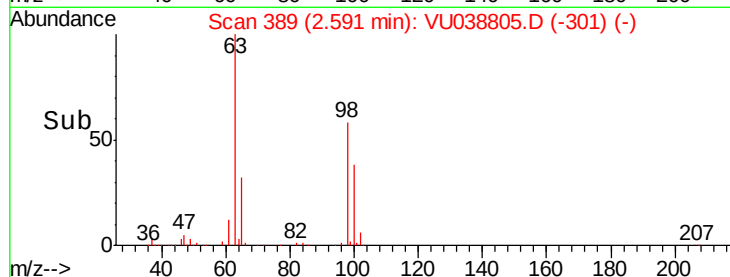
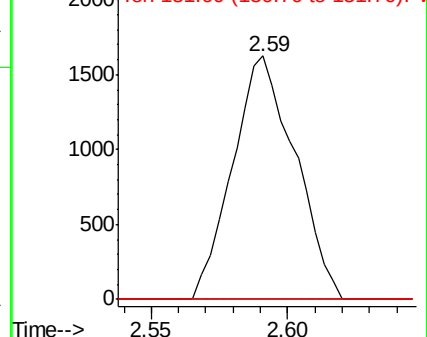
151 0.0 57.4 86.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#27

1,2-Dichloroethane

Concen: 5.729 ug/L

RT: 5.81 min Scan# 1389

Delta R.T. -0.02 min

Lab File: VU038805.D

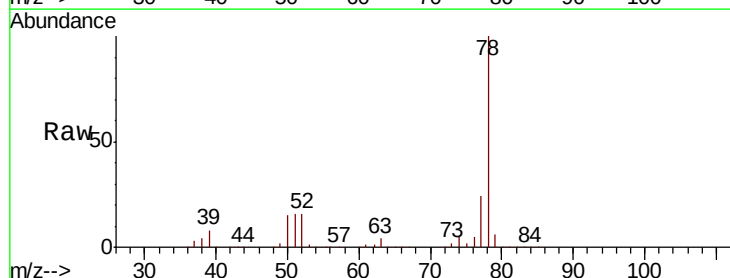
Acq: 11 Jun 2020 03:23

Tgt Ion: 62 Resp: 34178

Ion Ratio Lower Upper

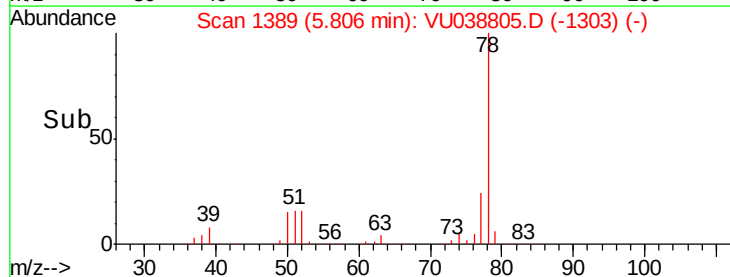
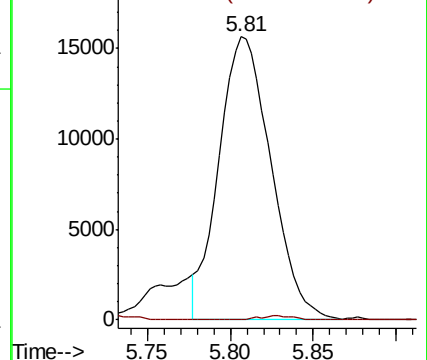
62 100

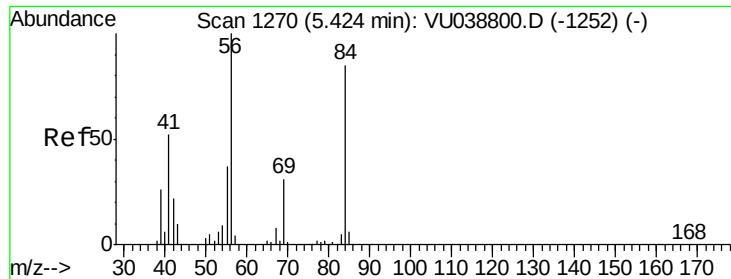
98 0.0 7.8 11.6#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

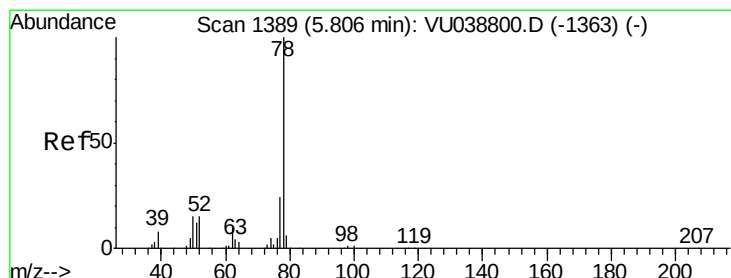
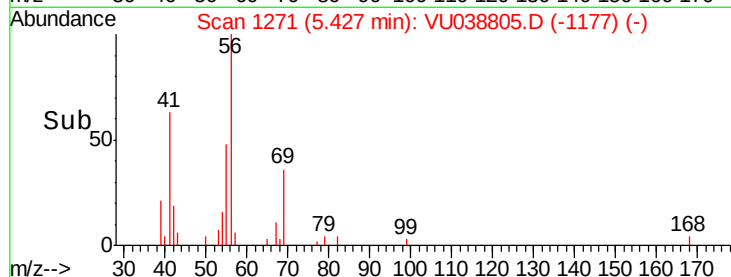
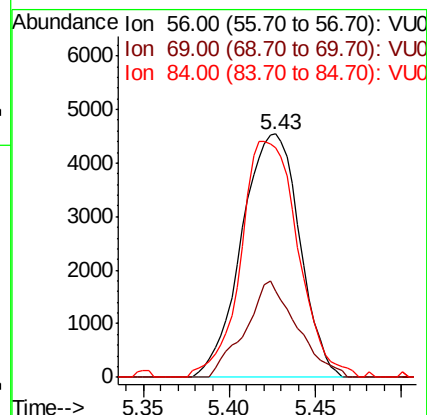
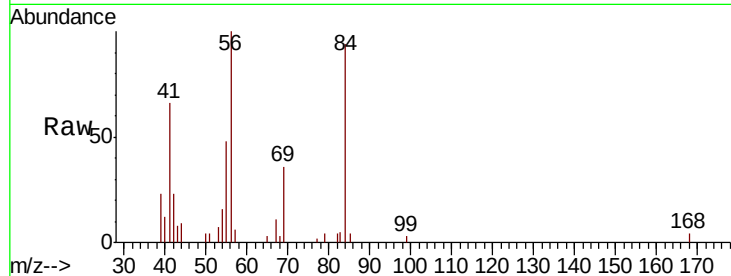




#29
Cyclohexane
Concen: 1.754 ug/L
RT: 5.43 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU038805.D
Acq: 11 Jun 2020 03:23

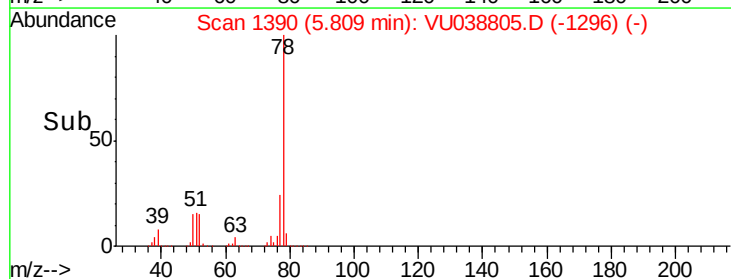
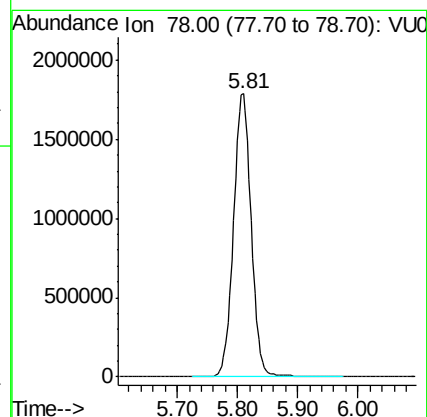
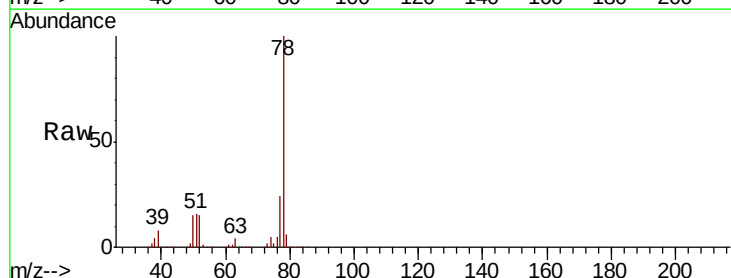
Instrument :
MSVOA_U
ClientSampleId :
F9E20

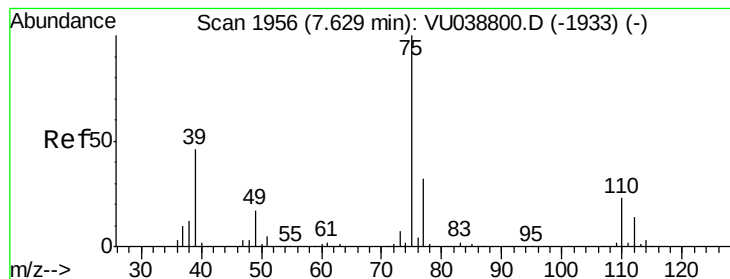
Tot Ion: 56 Resp: 10629
Ion Ratio Lower Upper
56 100
69 35.3 25.1 37.7
84 95.9 70.5 105.7



#33
Benzene
Concen: 232.386 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU038805.D
Acq: 11 Jun 2020 03:23

Tgt Ion: 78 Resp: 3655600





#39

cis-1,3-Dichloropropene

Concen: 1.074 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU038805.D

Acq: 11 Jun 2020 03:23

Instrument :

MSVOA_U

ClientSampleId :

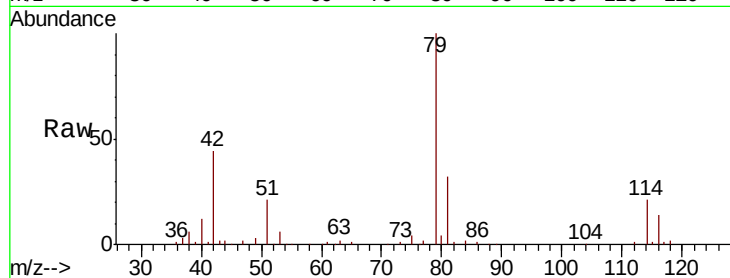
F9E20

Tot Ion: 75 Resp: 6791

Ion Ratio Lower Upper

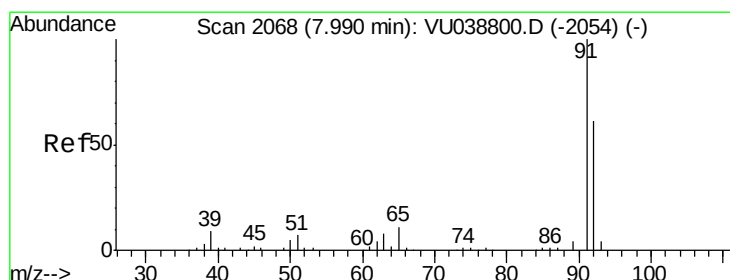
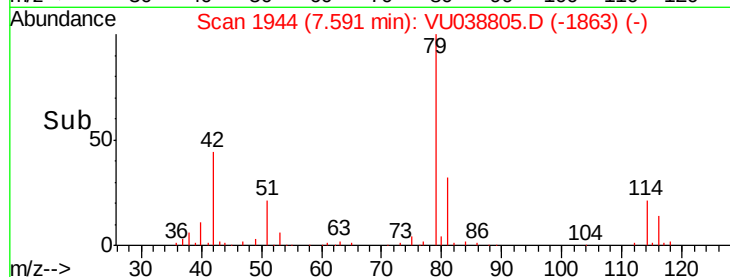
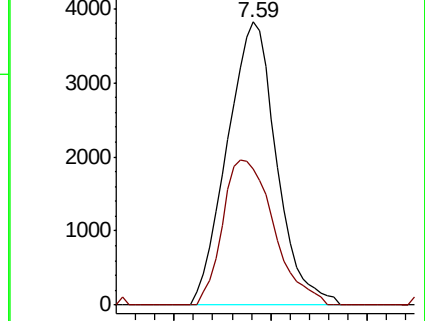
75 100

77 48.2 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU038805.D (-1863) (-)

Ion 77.00 (76.70 to 77.70): VU038805.D (-1863) (-)



#42

Toluene

Concen: 14.126 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU038805.D

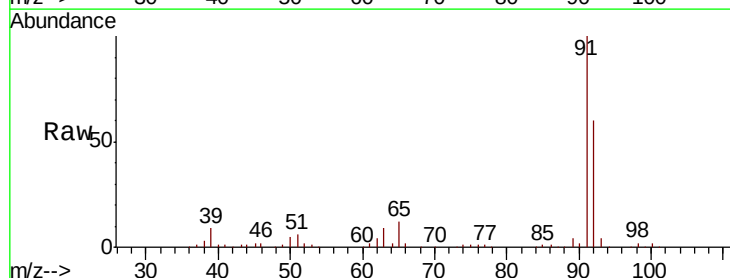
Acq: 11 Jun 2020 03:23

Tgt Ion: 91 Resp: 232340

Ion Ratio Lower Upper

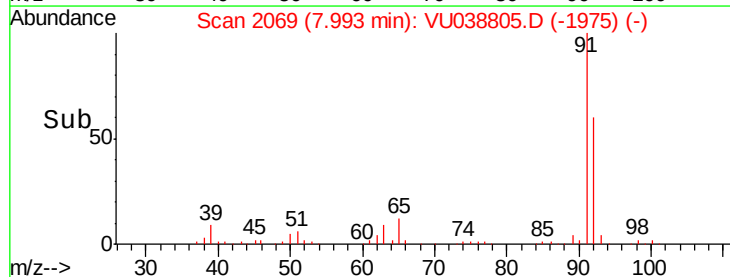
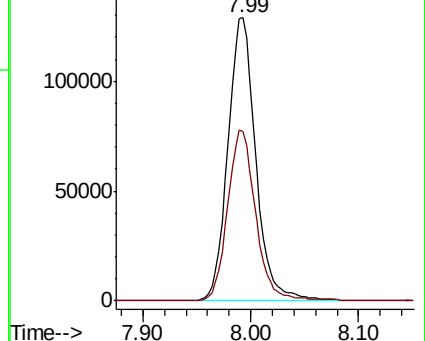
91 100

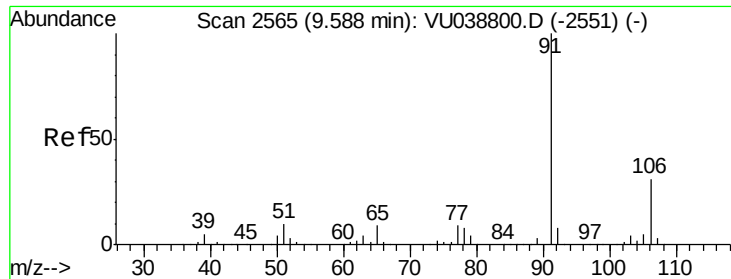
92 60.0 42.2 78.4



Abundance Ion 91.00 (90.70 to 91.70): VU038805.D (-1975) (-)

Ion 92.00 (91.70 to 92.70): VU038805.D (-1975) (-)





#52

Ethylbenzene

Concen: 17.538 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU038805.D

Acq: 11 Jun 2020 03:23

Instrument :

MSVOA_U

ClientSampleId :

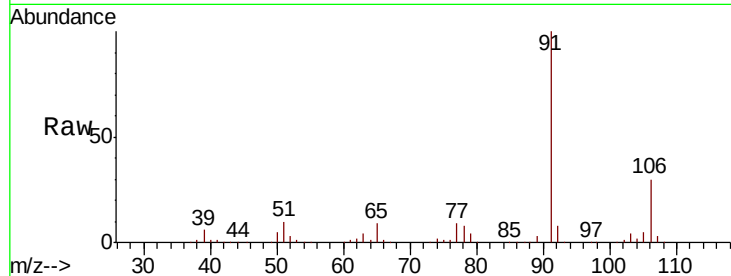
F9E20

Tot Ion: 91 Resp: 318362

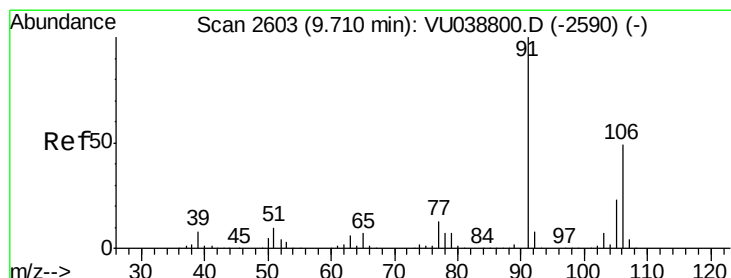
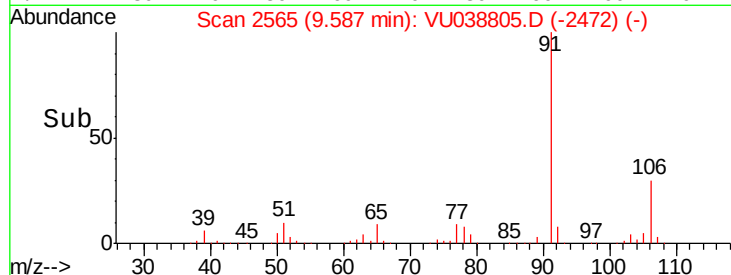
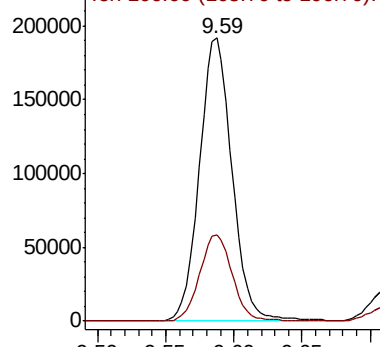
Ion Ratio Lower Upper

91 100

106 30.5 21.5 39.9



Abundance Ion 91.00 (90.70 to 91.70): VU038805.D (-2551) (-)



#53

m,p-Xylene

Concen: 2.455 ug/L

RT: 9.71 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VU038805.D

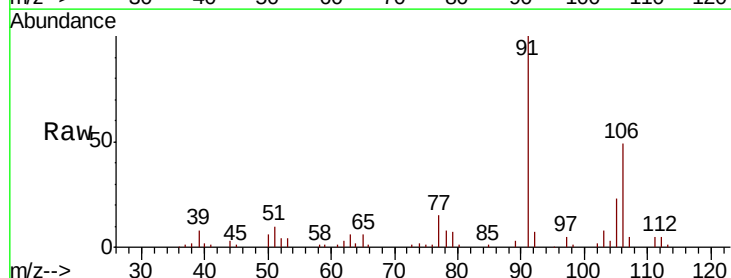
Acq: 11 Jun 2020 03:23

Tgt Ion: 106 Resp: 17104

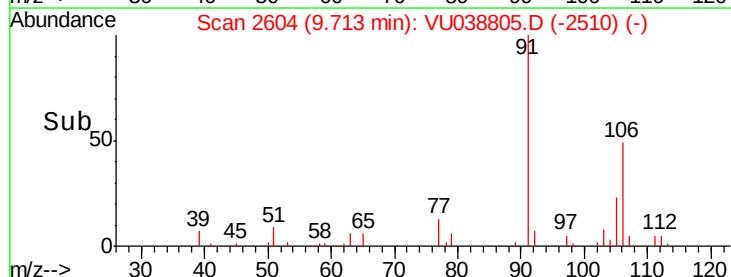
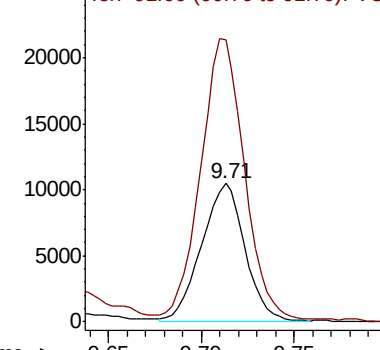
Ion Ratio Lower Upper

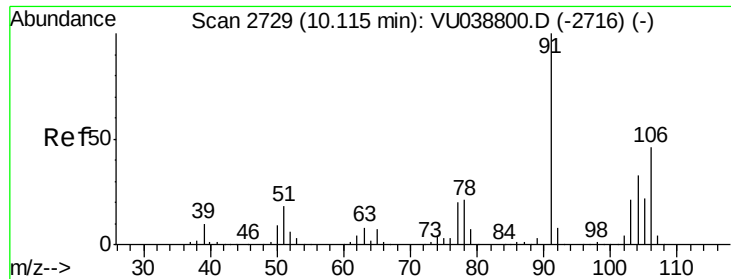
106 100

91 203.8 140.1 260.3



Abundance Ion 106.00 (105.70 to 106.70): VU038805.D (-2510) (-)





#54

o-xylene

Concen: 5.017 ug/L

RT: 10.11 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VU038805.D

Acq: 11 Jun 2020 03:23

Instrument :

MSVOA_U

ClientSampled :

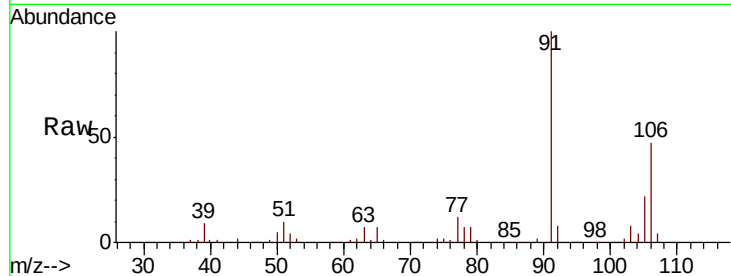
F9E20

Tot Ion:106 Resp: 33935

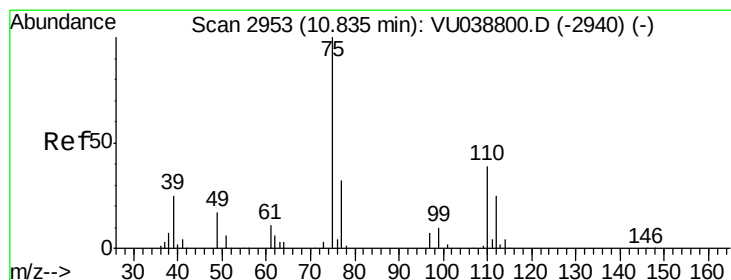
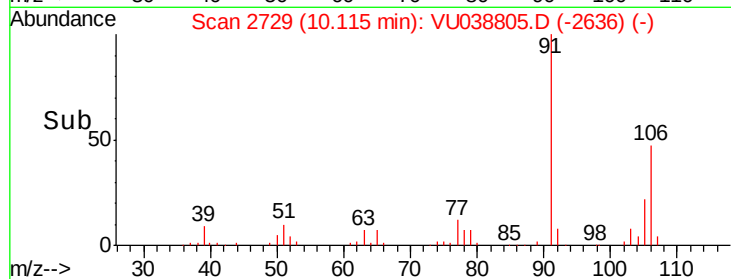
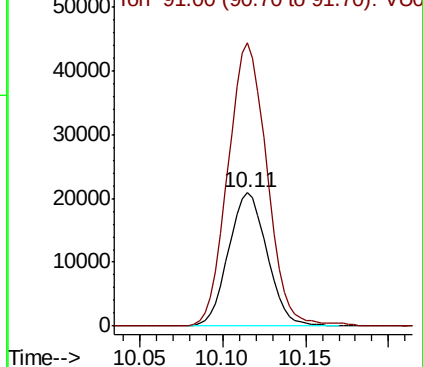
Ion Ratio Lower Upper

106 100

91 212.7 151.2 280.8



Abundance Ion 106.00 (105.70 to 106.70): VU038805.D (-2636) (-)



#59

1,2,3-Trichloropropane

Concen: 5.487 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.99 min

Lab File: VU038805.D

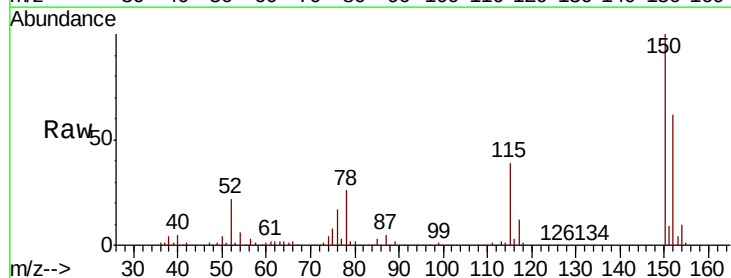
Acq: 11 Jun 2020 03:23

Tgt Ion: 75 Resp: 31535

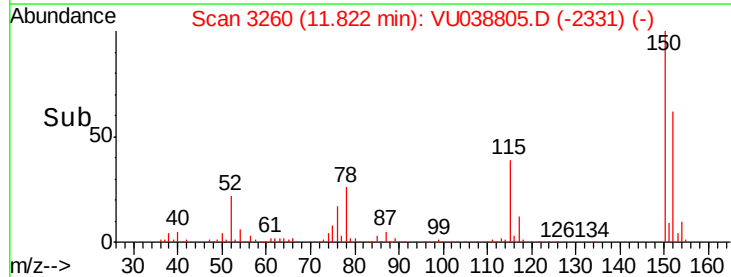
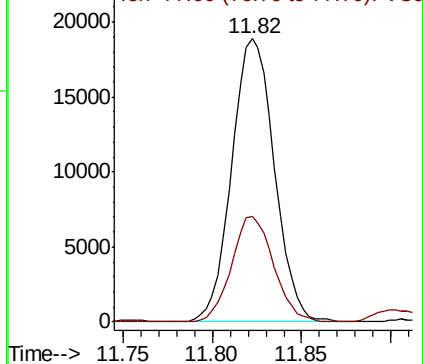
Ion Ratio Lower Upper

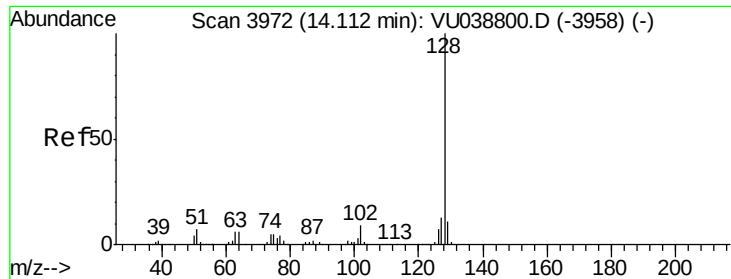
75 100

77 36.6 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VU038805.D (-2331) (-)





#69

Naphthalene

Concen: 1.598 ug/L

RT: 14.11 min Scan# 3972

Delta R.T. -0.00 min

Lab File: VU038805.D

Acq: 11 Jun 2020 03:23

Instrument :

MSVOA_U

ClientSampleId :

F9E20

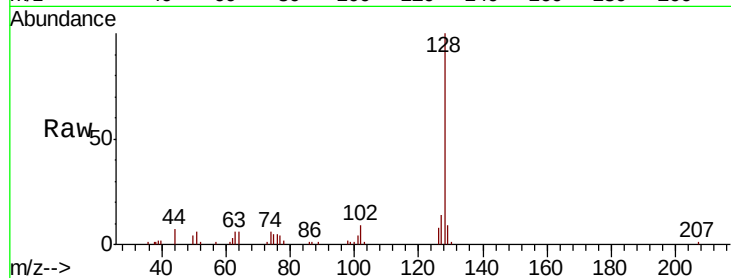
Tot Ion:128 Resp: 28959

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 9.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

