

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062420\
 Data File : VU039087.D
 Acq On : 25 Jun 2020 01:49
 Operator : SY/MD
 Sample : L3110-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F13

Quant Time: Jun 25 03:52:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 02:33:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	278732	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	275294	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	116670	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	105774	5.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.60%
7) Chloroethane-d5	1.93	69	92139	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.20%
11) 1,1-Dichloroethene-d2	2.59	63	150319	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	4.67	46	437534	59.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.80%
24) Chloroform-d	5.10	84	207920	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.74	65	129013	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.76	84	409243	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
36) 1,2-Dichloropropane-d6	6.72	67	135383	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.92	98	320567	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	8.20	79	53833	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.65	63	339274	58.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.92%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	121927	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	122804	5.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.00%

Target Compounds

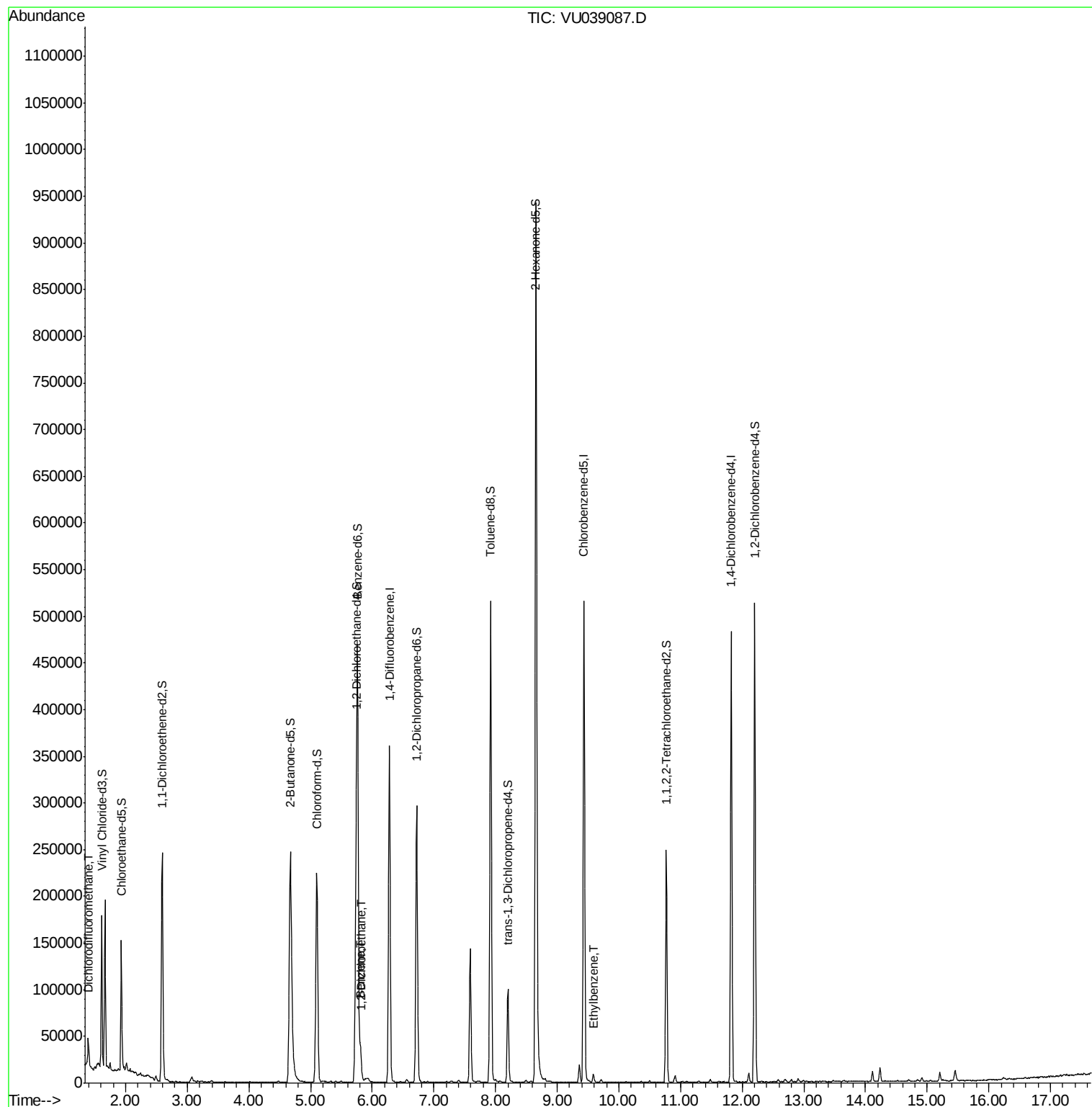
					Ovalue
2) Dichlorodifluoromethane	1.39	85	11939	0.479 ug/L	96
27) 1,2-Dichloroethane	5.83	62	4480	0.152 ug/L #	94
33) Benzene	5.81	78	36005	0.416 ug/L	100
52) Ethylbenzene	9.59	91	6978	0.077 ug/L #	82

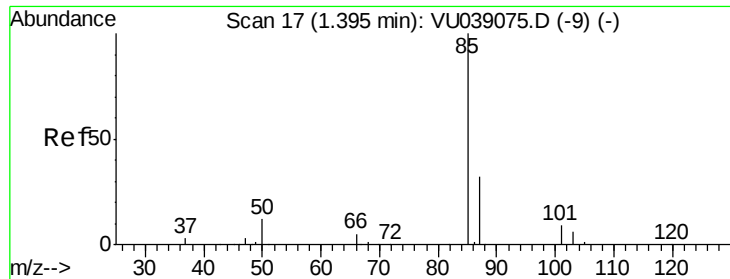
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.479 ug/L

RT: 1.39 min Scan# 17

Delta R.T. -0.00 min

Lab File: VU039087.D

Acq: 25 Jun 2020 01:49

Instrument :

MSVOA_U

ClientSampleId :

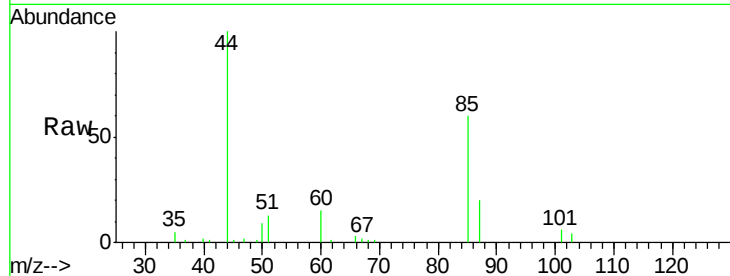
F9F13

Tot Ion: 85 Resp: 11939

Ion Ratio Lower Upper

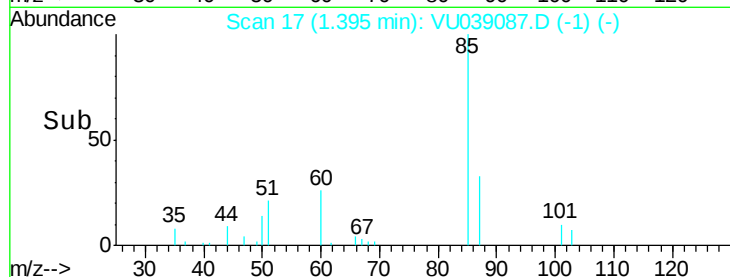
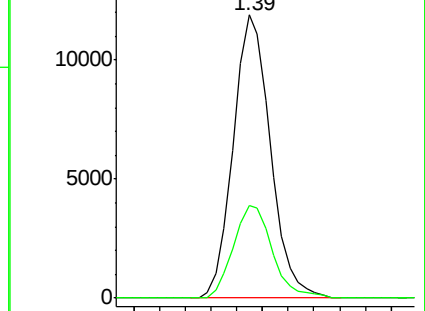
85 100

87 34.4 25.8 38.6

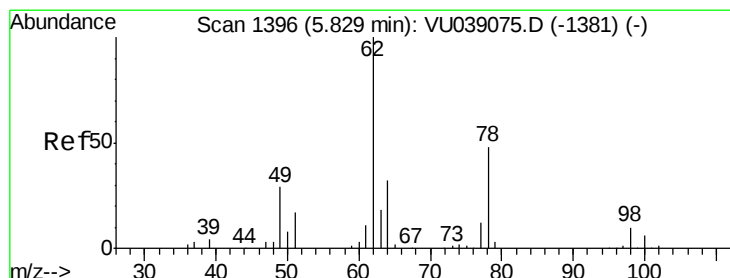


Abundance Ion 85.00 (84.70 to 85.70): VU039087.D (-1303) (-)

Ion 87.00 (86.70 to 87.70): VU039087.D (-1303) (-)



Time-->



#27

1,2-Dichloroethane

Concen: 0.152 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VU039087.D

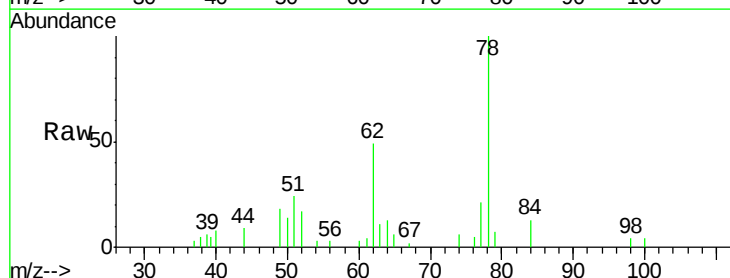
Acq: 25 Jun 2020 01:49

Tgt Ion: 62 Resp: 4480

Ion Ratio Lower Upper

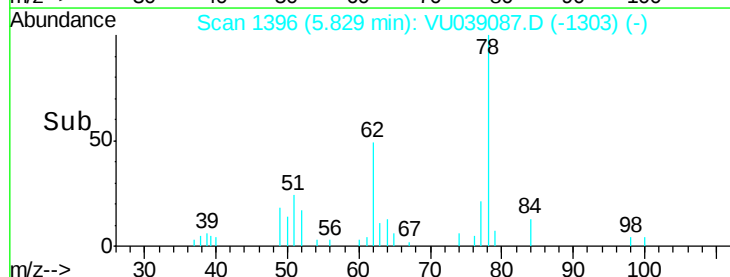
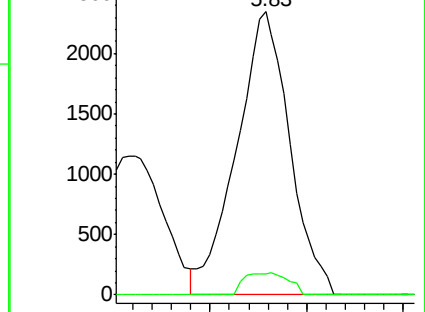
62 100

98 7.3 7.7 11.5#

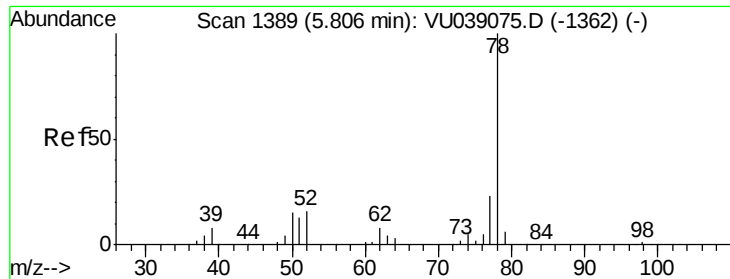


Abundance Ion 62.00 (61.70 to 62.70): VU039087.D (-1303) (-)

Ion 98.05 (97.75 to 98.75): VU039087.D (-1303) (-)



Time-->



#33

Benzene

Concen: 0.416 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VU039087.D

Acq: 25 Jun 2020 01:49

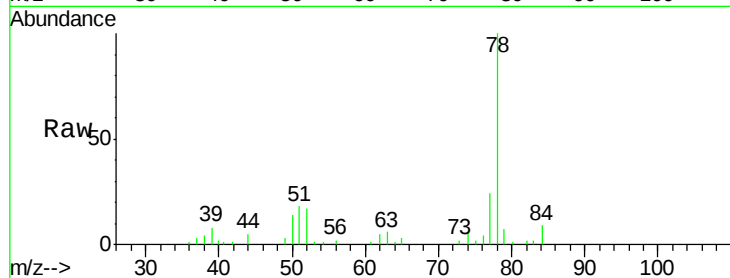
Instrument :

MSVOA_U

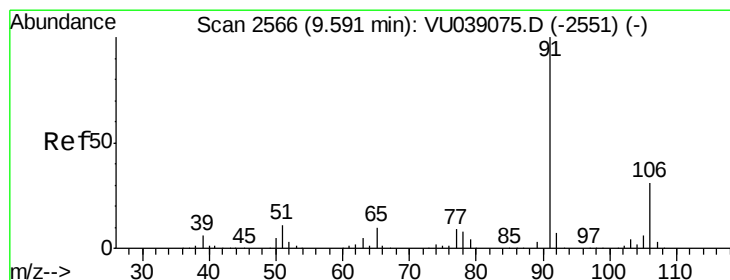
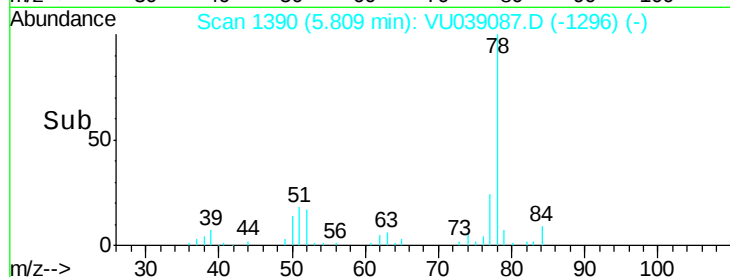
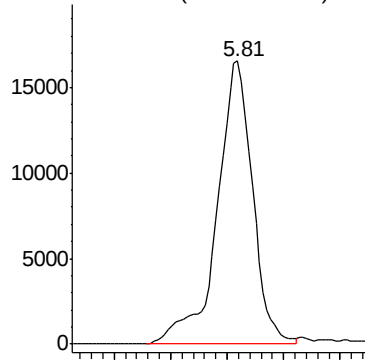
ClientSampleId :

F9F13

Tgt Ion: 78 Resp: 36005



Abundance Ion 78.10 (77.80 to 78.80): VU0



#52

Ethylbenzene

Concen: 0.077 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU039087.D

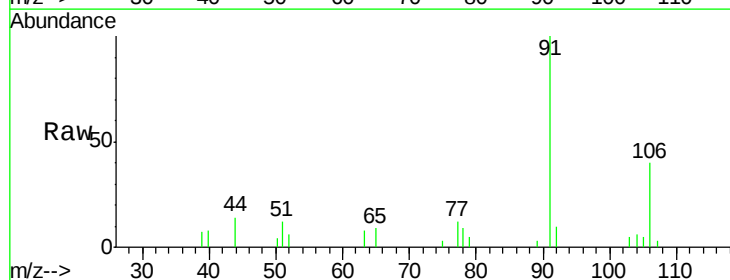
Acq: 25 Jun 2020 01:49

Tgt Ion: 91 Resp: 6978

Ion Ratio Lower Upper

91 100

106 40.2 21.3 39.6#



Abundance Ion 91.15 (90.85 to 91.85): VU0

