

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111020\
 Data File : VU041191.D
 Acq On : 10 Nov 2020 20:43
 Operator : SY/MD
 Sample : L4646-14DL 100X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0T8DL

Quant Time: Nov 11 14:37:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 11 00:43:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	68953	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	54934	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	26750	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	13817	2.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	47.60%
7) Chloroethane-d5	1.92	69	15435	3.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.40%
11) 1,1-Dichloroethene-d2	2.58	63	26628	2.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	46.80%#
20) 2-Butanone-d5	4.65	46	103534	54.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.54%
24) Chloroform-d	5.08	84	45573	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.72	65	28680	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	5.74	84	78770	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
36) 1,2-Dichloropropane-d6	6.70	67	28665	5.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.80%
41) Toluene-d8	7.91	98	62387	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	8.19	79	10143	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.64	63	65037	58.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.52%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22653	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	25495	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

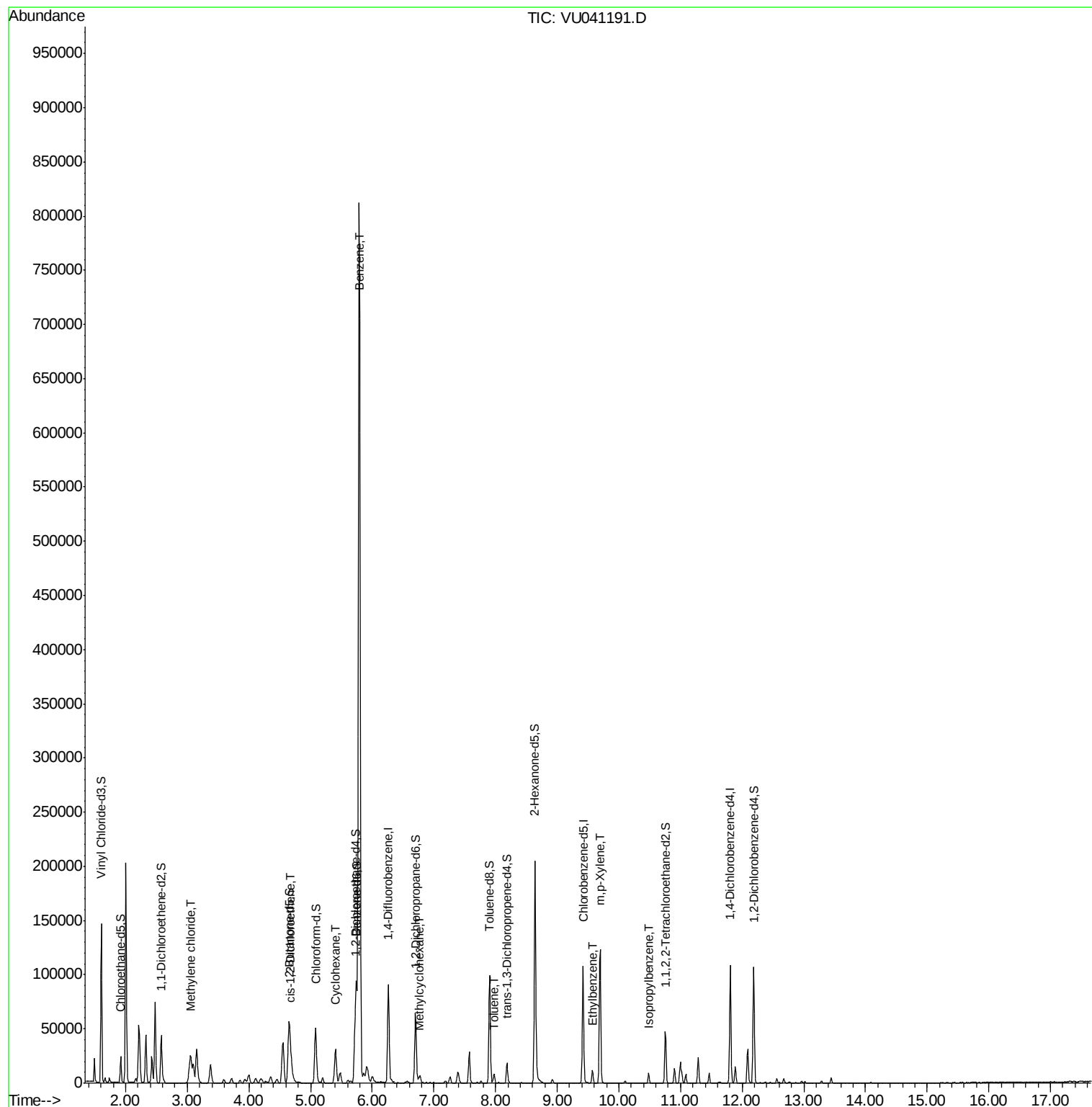
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	1511	0.266	ug/L #	67
22) cis-1,2-Dichloroethene	4.69	96	1679	0.329	ug/L	97
30) Cyclohexane	5.40	56	13424	2.028	ug/L	98
33) Benzene	5.79	78	724710	44.151	ug/L	100
35) Methylcyclohexane	6.77	83	2407	0.386	ug/L #	81
42) Toluene	7.98	91	5696	0.342	ug/L	99
52) Ethylbenzene	9.57	91	8296	0.474	ug/L	100
53) m,p-Xylene	9.70	106	32615	5.104	ug/L	92
56) Isopropylbenzene	10.48	105	5797	0.362	ug/L	95

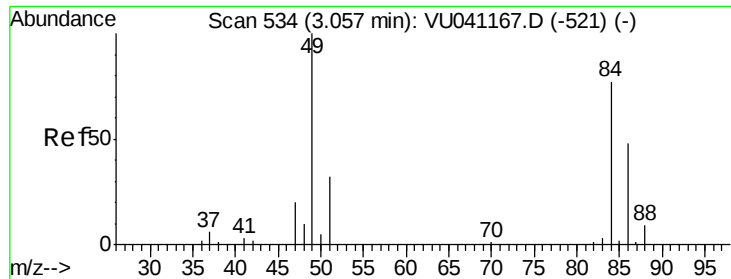
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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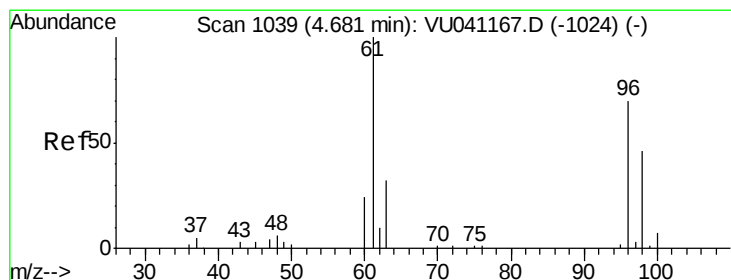
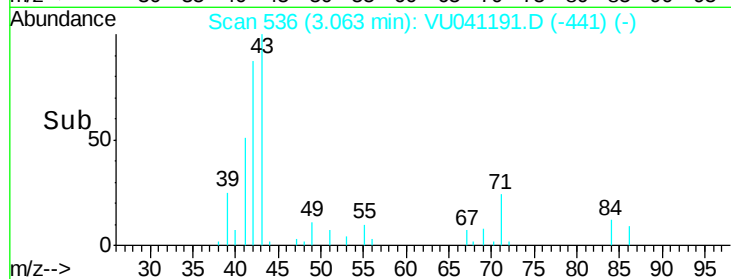
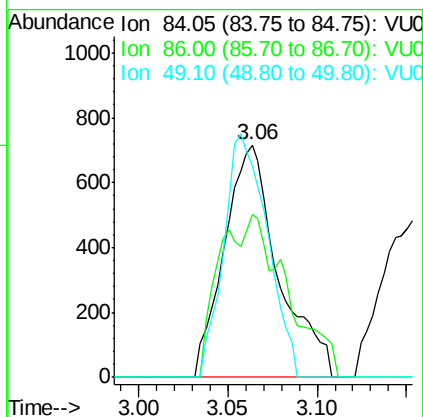
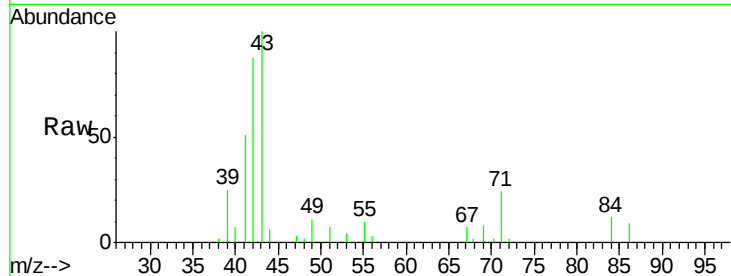




#16
Methylene chloride
Concen: 0.266 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.01 min
Lab File: VU041191.D
Acq: 10 Nov 2020 20:43

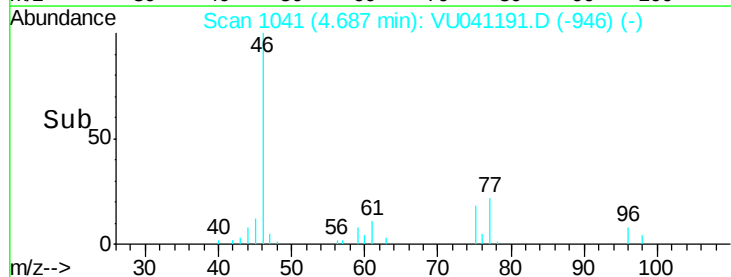
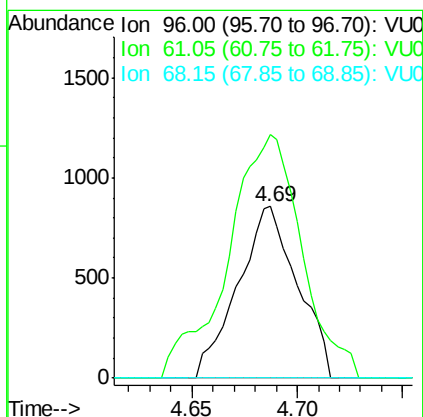
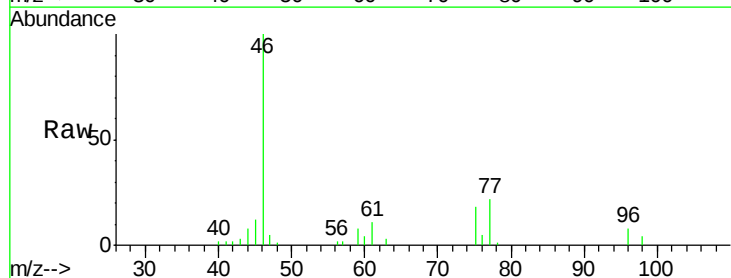
Instrument :
MSVOA_U
ClientSampled :
GB0T8DL

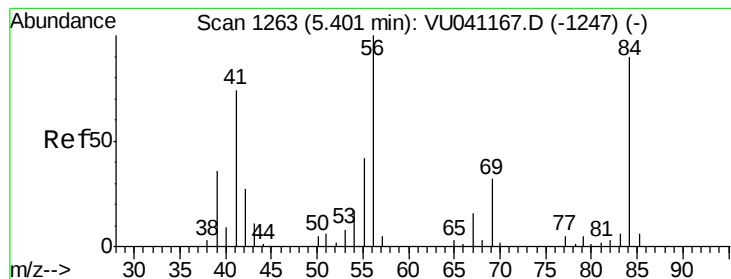
Tot Ion: 84 Resp: 1511
Ion Ratio Lower Upper
84 100
86 70.3 42.8 79.6
49 91.2 99.5 184.7#



#22
cis-1,2-Dichloroethene
Concen: 0.329 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VU041191.D
Acq: 10 Nov 2020 20:43

Tgt Ion: 96 Resp: 1679
Ion Ratio Lower Upper
96 100
61 141.9 97.2 180.4
68 0.0 0.0 0.0





#30

Cyclohexane

Concen: 2.028 ug/L

RT: 5.40 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VU041191.D

Acq: 10 Nov 2020 20:43

Instrument :

MSVOA_U

ClientSampleId :

GB0T8DL

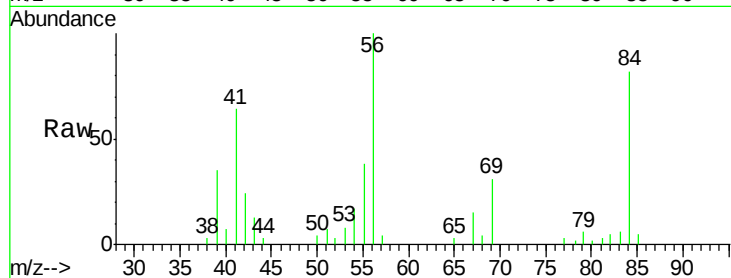
Tot Ion: 56 Resp: 13424

Ion Ratio Lower Upper

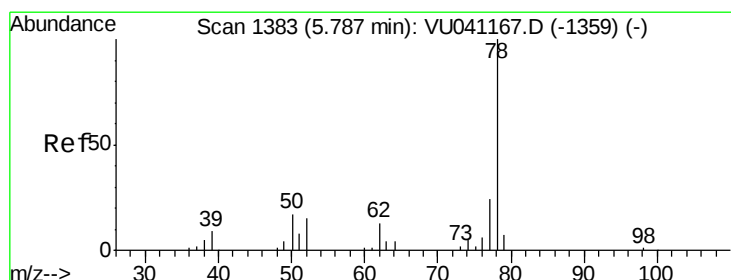
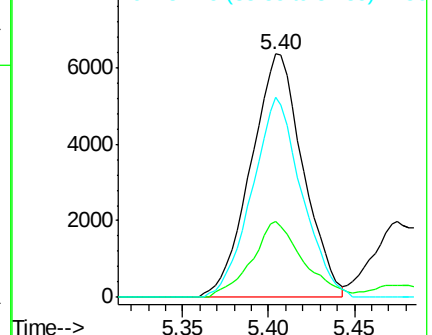
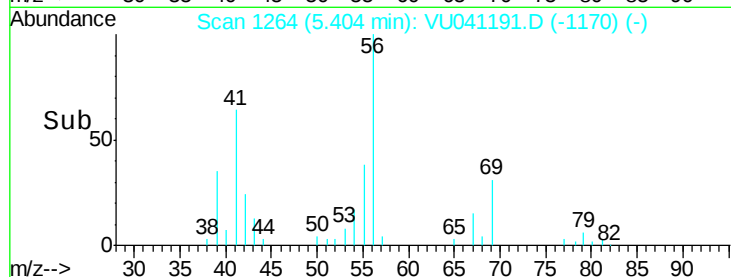
56 100

69 30.5 22.8 34.2

84 78.0 63.6 95.4



Abundance Ion 56.10 (55.80 to 56.80): VU041191.D (-1170) (-)



#33

Benzene

Concen: 44.151 ug/L

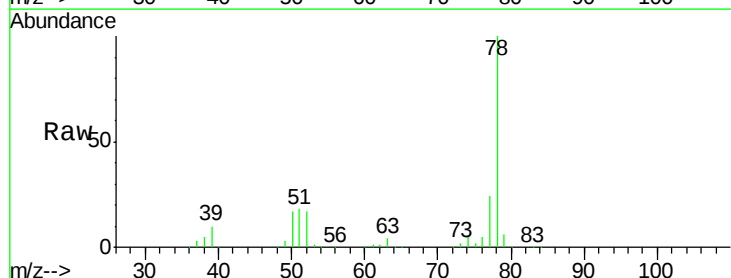
RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

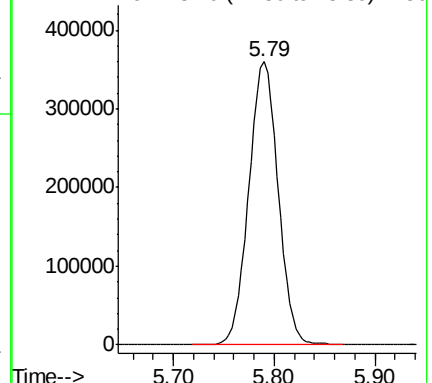
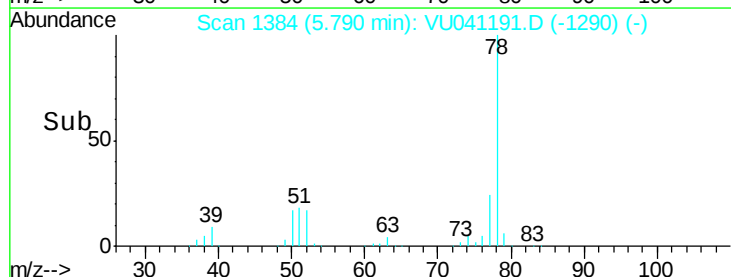
Lab File: VU041191.D

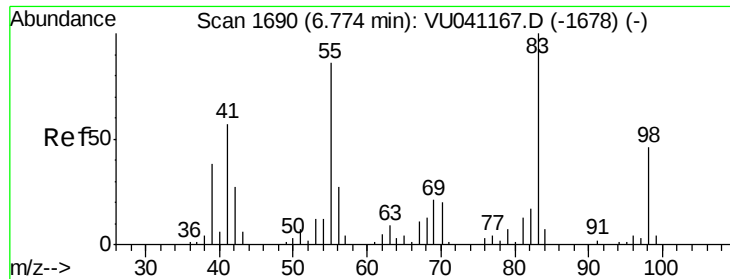
Acq: 10 Nov 2020 20:43

Tgt Ion: 78 Resp: 724710



Abundance Ion 78.10 (77.80 to 78.80): VU041191.D (-1290) (-)

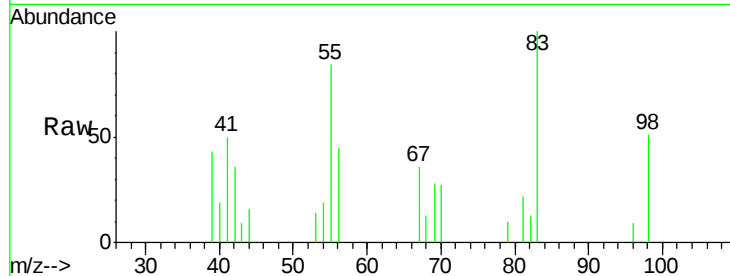




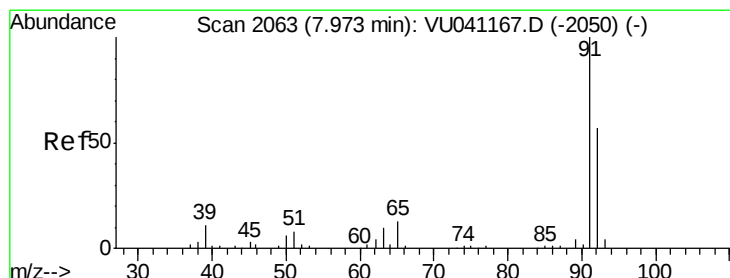
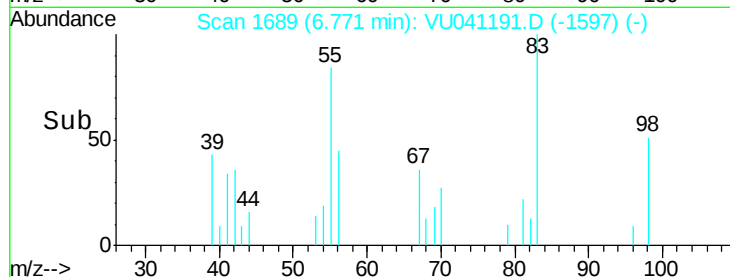
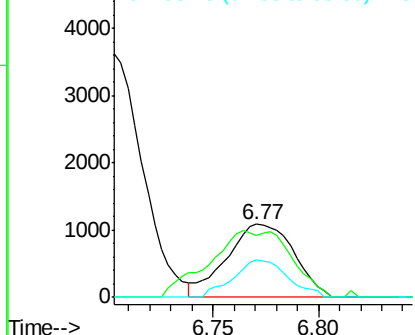
#35
Methvlcvclohexane
Concen: 0.386 ug/L
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU041191.D
Acq: 10 Nov 2020 20:43

Instrument :
MSVOA_U
ClientSampleId :
GB0T8DL

Tot Ion: 83 Resp: 2407
Ion Ratio Lower Upper
83 100
55 66.1 72.0 108.0#
98 41.7 36.6 55.0

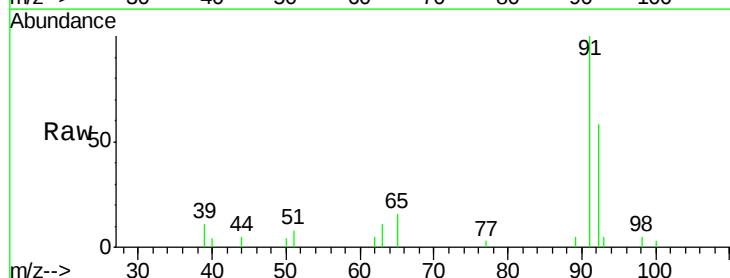


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

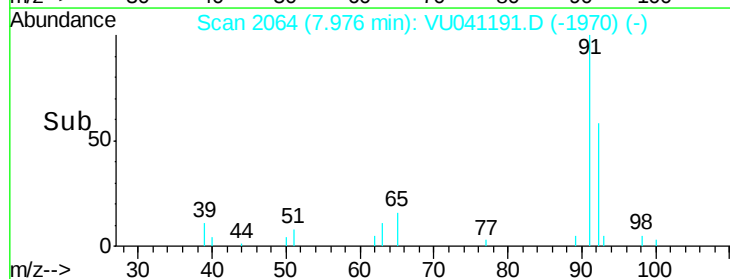
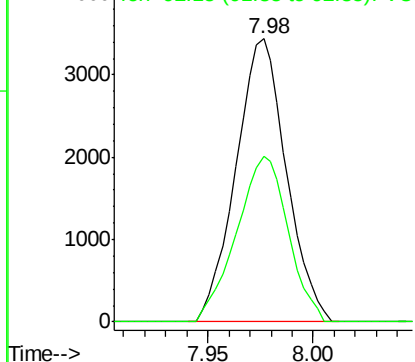


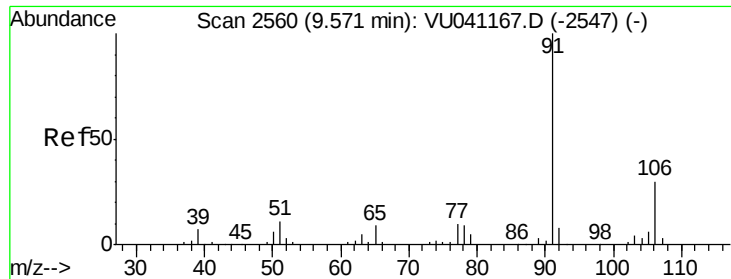
#42
Toluene
Concen: 0.342 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU041191.D
Acq: 10 Nov 2020 20:43

Tgt Ion: 91 Resp: 5696
Ion Ratio Lower Upper
91 100
92 58.4 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU0
Ion 92.15 (91.85 to 92.85): VU0





#52

Ethylbenzene

Concen: 0.474 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU041191.D

Acq: 10 Nov 2020 20:43

Instrument :

MSVOA_U

ClientSampleId :

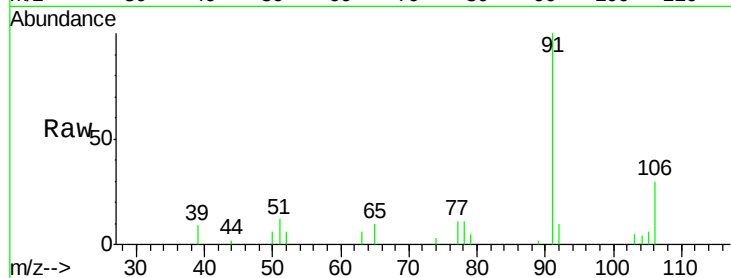
GB0T8DL

Tot Ion: 91 Resp: 8296

Ion Ratio Lower Upper

91 100

106 29.9 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): VU041167.D (-2547) (-)

Ion 106.15 (105.85 to 106.85): VU041167.D (-2547) (-)

9.57

6000

5000

4000

3000

2000

1000

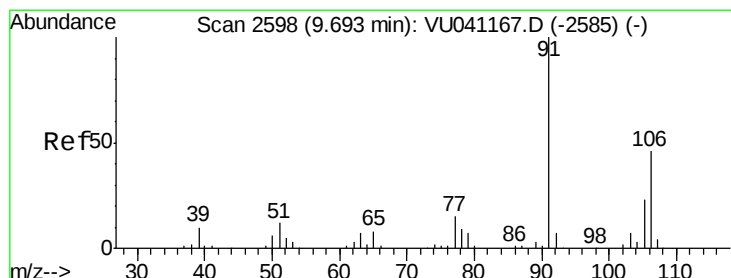
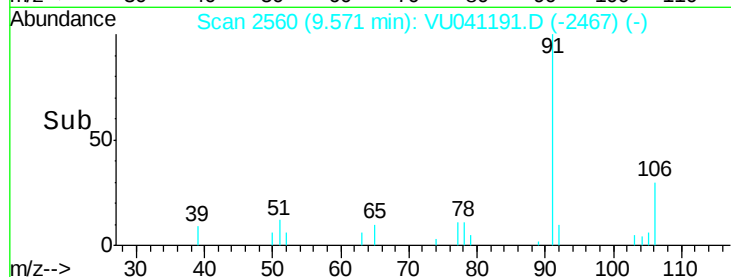
0

Time-->

9.50

9.55

9.60



#53

m,p-Xylene

Concen: 5.104 ug/L

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU041191.D

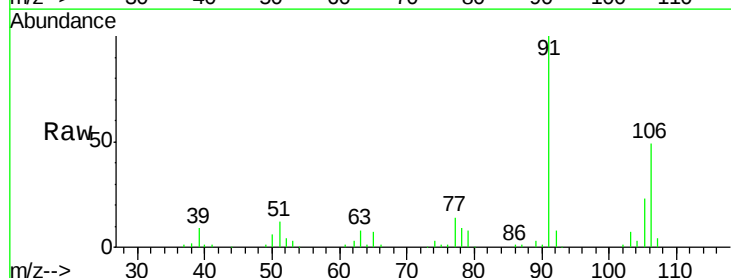
Acq: 10 Nov 2020 20:43

Tgt Ion: 106 Resp: 32615

Ion Ratio Lower Upper

106 100

91 203.1 150.9 280.3



Abundance Ion 106.15 (105.85 to 106.85): VU041167.D (-2585) (-)

Ion 91.15 (90.85 to 91.85): VU041167.D (-2585) (-)

9.70

40000

30000

20000

10000

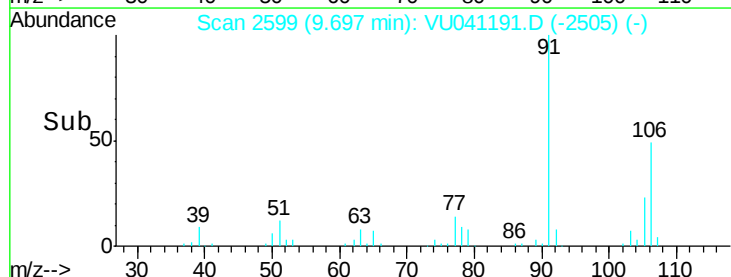
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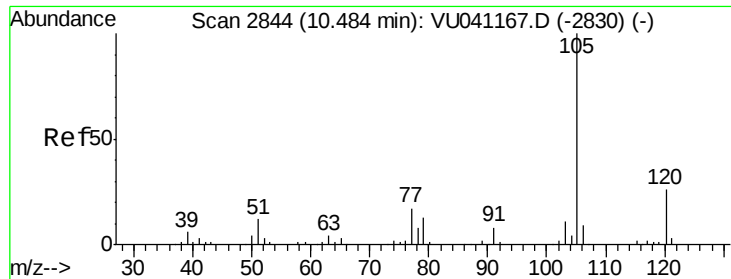
Time-->

9.65

9.70

9.75





#56

Isopropylbenzene

Concen: 0.362 ug/L

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU041191.D

Acq: 10 Nov 2020 20:43

Instrument :

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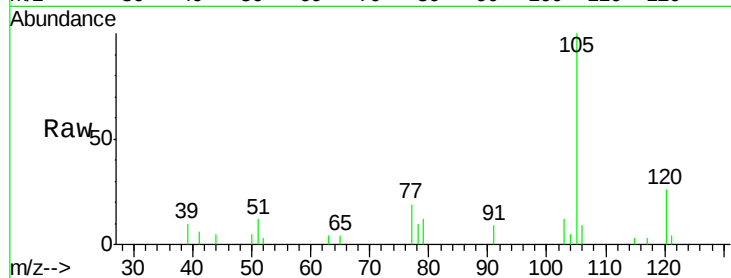
Tot Ion:105 Resp: 5797

Ion Ratio Lower Upper

105 100

120 23.4 20.7 31.1

77 19.1 13.8 20.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V

