

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040120\
 Data File : VU037539.D
 Acq On : 01 Apr 2020 22:54
 Operator : JC/MD
 Sample : L2065-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBF14

Quant Time: Apr 02 03:34:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 02 01:37:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.34	114	78892	5.00	ug/L	0.05
28) Chlorobenzene-d5	9.45	117	74121	5.00	ug/L	0.01
60) 1,4-Dichlorobenzene-d4	11.83	152	39810	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.66	65	20547	3.11	ug/L	0.05
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.20%
7) Chloroethane-d5	1.99	69	18247	3.59	ug/L	0.06
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.80%
11) 1,1-Dichloroethene-d2	2.64	63	29278	2.49	ug/L	0.05
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.80%#
20) 2-Butanone-d5	4.81	46	74418	41.50	ug/L	0.13
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.00%
24) Chloroform-d	5.18	84	44707	3.95	ug/L	0.08
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.00%
26) 1,2-Dichloroethane-d4	5.81	65	24033	3.84	ug/L	0.07
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
32) Benzene-d6	5.83	84	84847	3.71	ug/L	0.07
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.20%
36) 1,2-Dichloropropane-d6	6.77	67	29618	3.95	ug/L	0.05
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.00%
41) Toluene-d8	7.95	98	71865	3.43	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.60%#
43) trans-1,3-Dichloropropene-	8.23	79	11360	3.36	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.20%
46) 2-Hexanone-d5	8.68	63	70163	42.91	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.82%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	25546	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	31733	3.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.40%#

Target Compounds

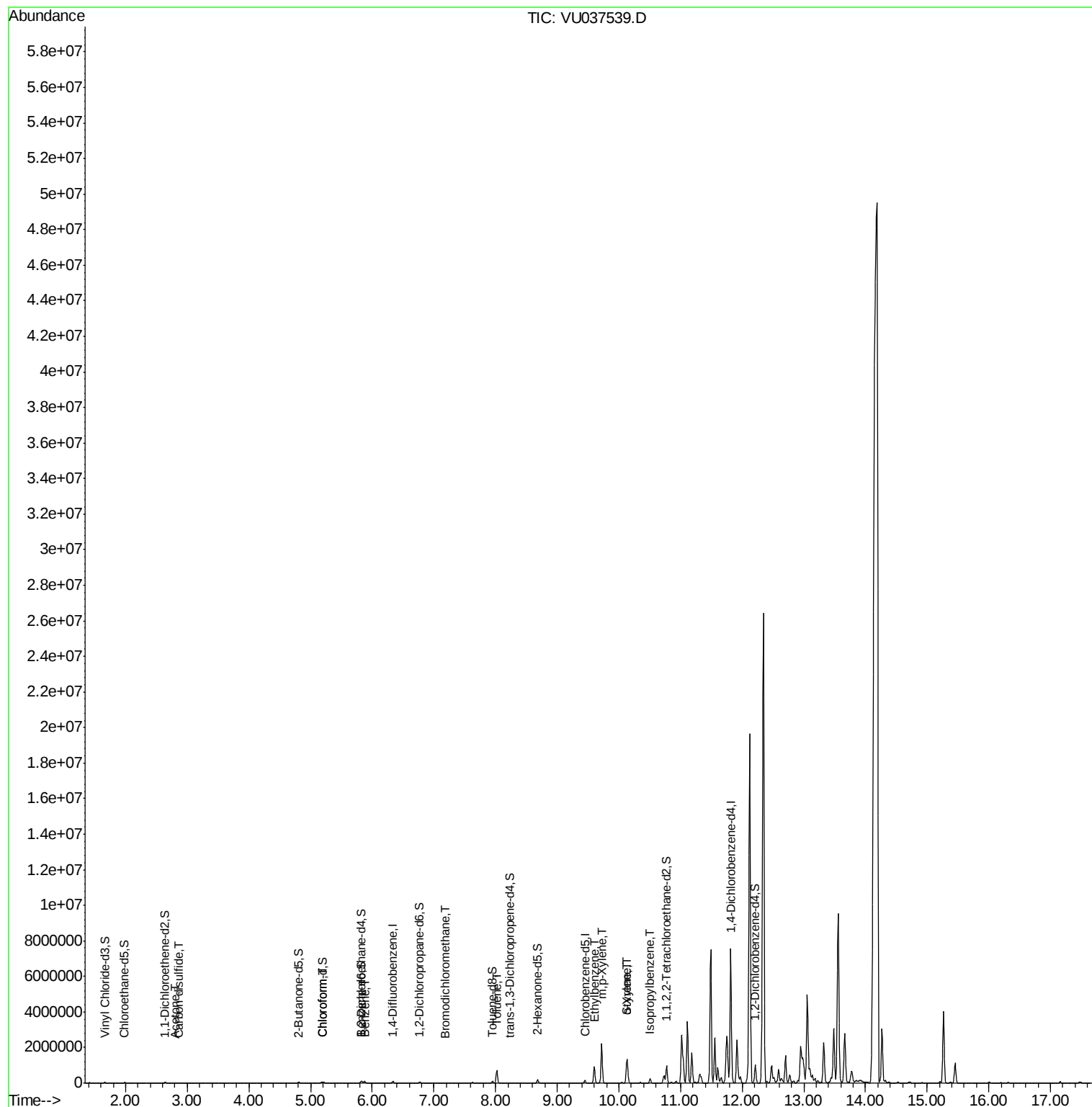
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.81	43	16340	16.164	ug/L	42
14) Carbon disulfide	2.87	76	12181	0.711	ug/L #	89
25) Chloroform	5.20	83	42801	3.906	ug/L	98
33) Benzene	5.88	78	72376	3.076	ug/L	100
38) Bromodichloromethane	7.17	83	3743	0.462	ug/L	94
42) Toluene	8.02	91	502203	20.082	ug/L	96
52) Ethylbenzene	9.60	91	641188	22.503	ug/L	100
53) m,p-Xylene	9.72	106	580829	54.232	ug/L	95
54) o-Xylene	10.13	106	231697	22.462	ug/L	99
55) Styrene	10.14	104	344865	19.357	ug/L	98
56) Isopropylbenzene	10.51	105	149619	5.326	ug/L	99

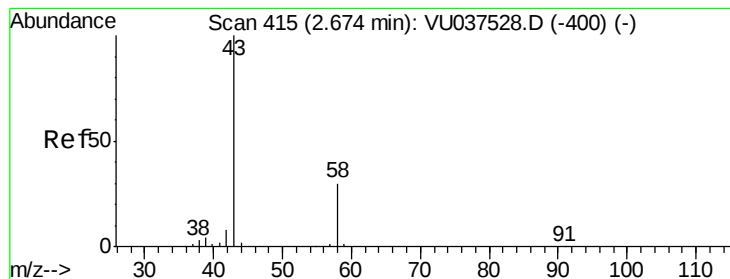
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 16.164 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.13 min

Lab File: VU037539.D

Acq: 01 Apr 2020 22:54

Instrument :

MSVOA_U

ClientSampleId :

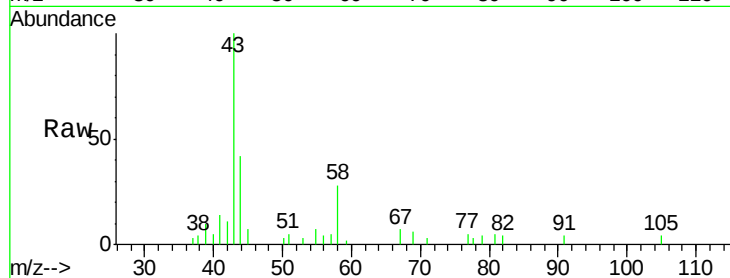
DBF14

Tot Ion: 43 Resp: 16340

Ion Ratio Lower Upper

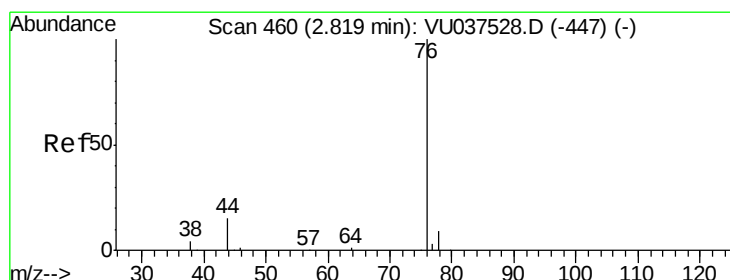
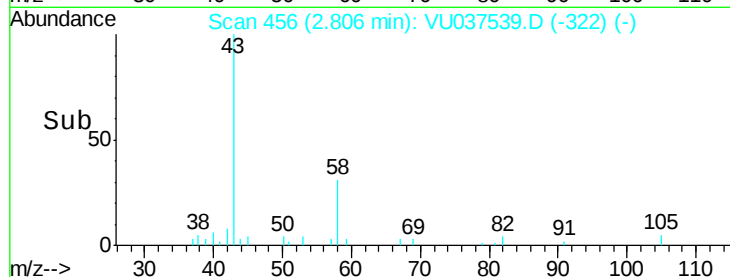
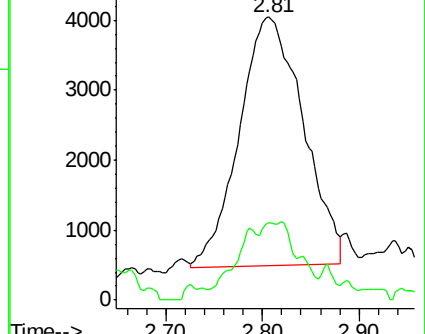
43 100

58 0.9 0.0 68.2



Abundance Ion 43.05 (42.75 to 43.75): VU037528.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU037528.D (-400) (-)



#14

Carbon disulfide

Concen: 0.711 ug/L

RT: 2.87 min Scan# 475

Delta R.T. 0.05 min

Lab File: VU037539.D

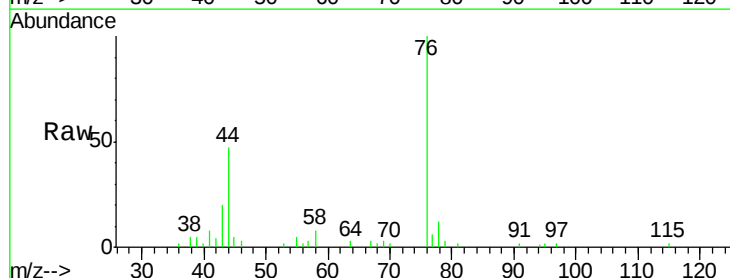
Acq: 01 Apr 2020 22:54

Tgt Ion: 76 Resp: 12181

Ion Ratio Lower Upper

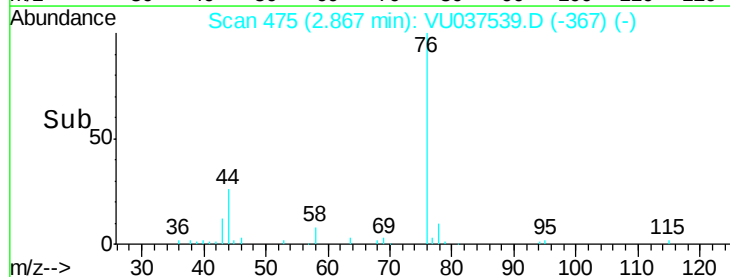
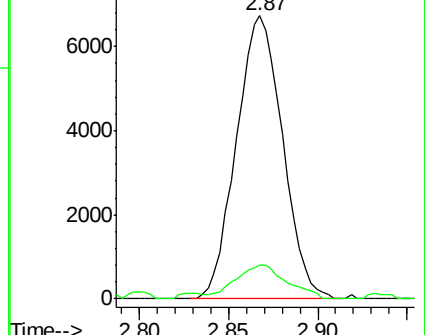
76 100

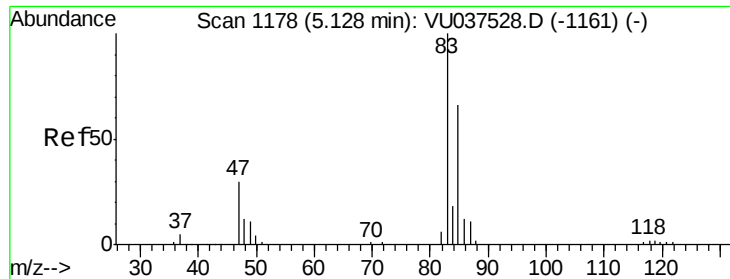
78 11.8 6.3 9.5#



Abundance Ion 76.05 (75.75 to 76.75): VU037528.D (-447) (-)

Ion 78.00 (77.70 to 78.70): VU037528.D (-447) (-)

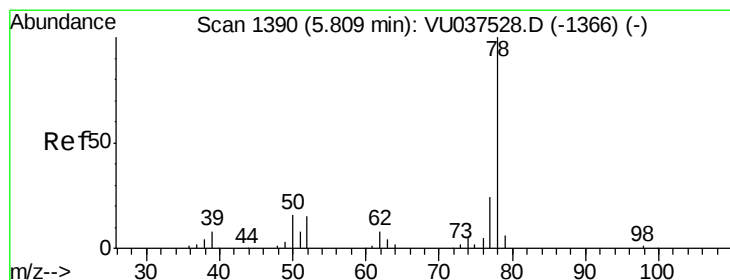
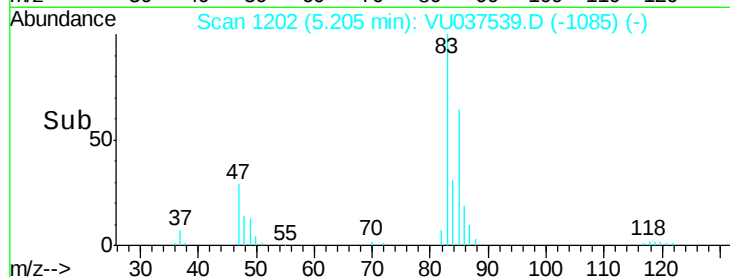
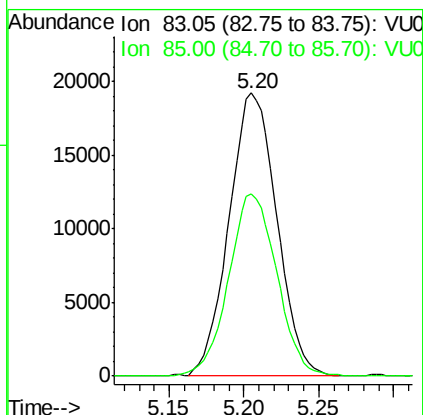
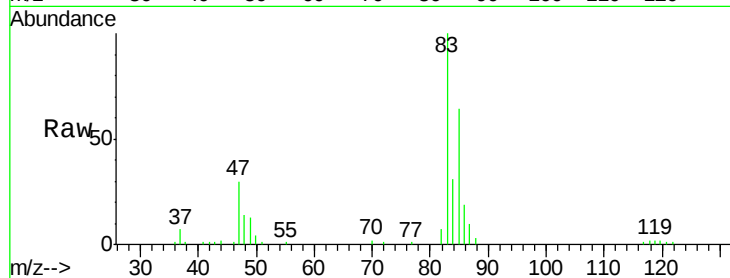




#25
Chloroform
Concen: 3.906 ug/L
RT: 5.20 min Scan# 1202
Delta R.T. 0.08 min
Lab File: VU037539.D
Acq: 01 Apr 2020 22:54

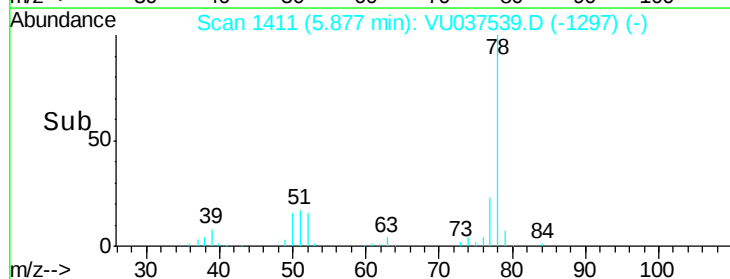
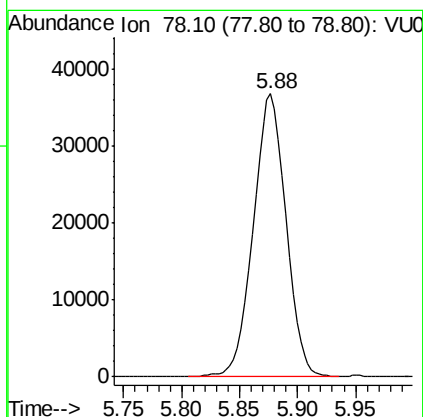
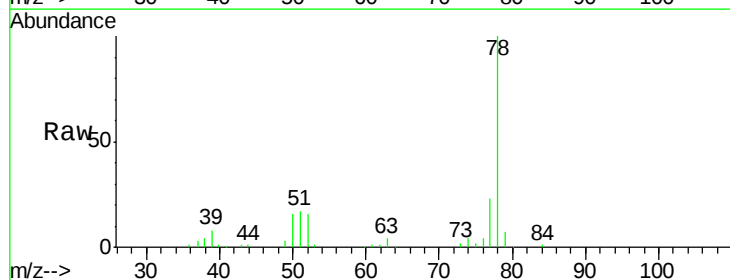
Instrument :
MSVOA_U
ClientSampleId :
DBF14

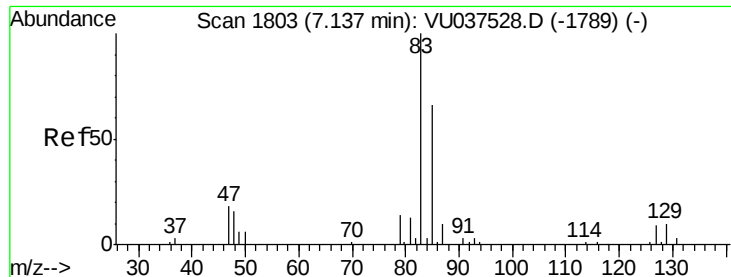
Tot Ion: 83 Resp: 42801
Ion Ratio Lower Upper
83 100
85 64.3 45.8 85.2



#33
Benzene
Concen: 3.076 ug/L
RT: 5.88 min Scan# 1411
Delta R.T. 0.07 min
Lab File: VU037539.D
Acq: 01 Apr 2020 22:54

Tgt Ion: 78 Resp: 72376

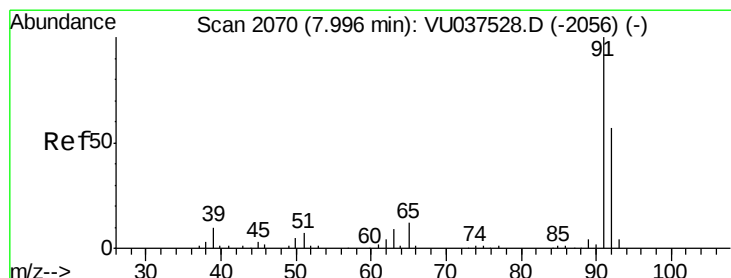
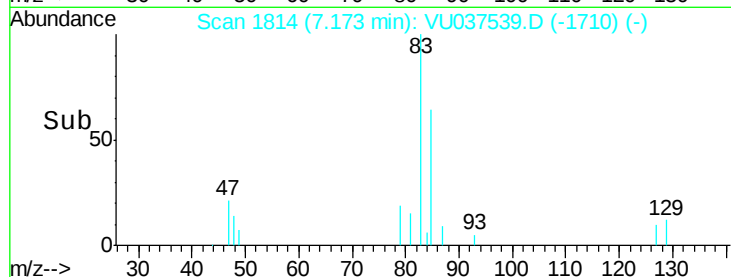
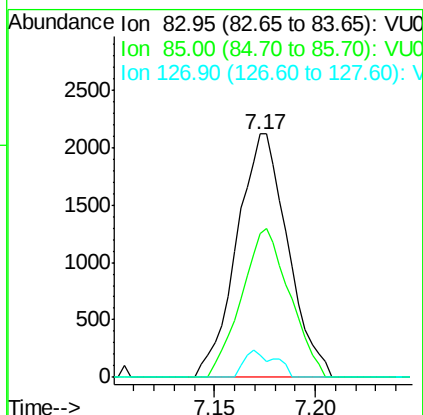
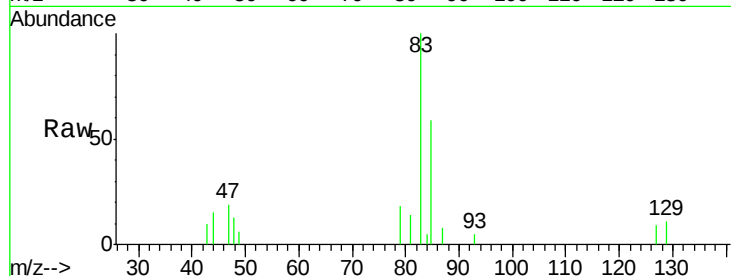




#38
 Bromodichloromethane
 Concen: 0.462 ug/L
 RT: 7.17 min Scan# 1814
 Delta R.T. 0.04 min
 Lab File: VU037539.D
 Acq: 01 Apr 2020 22:54

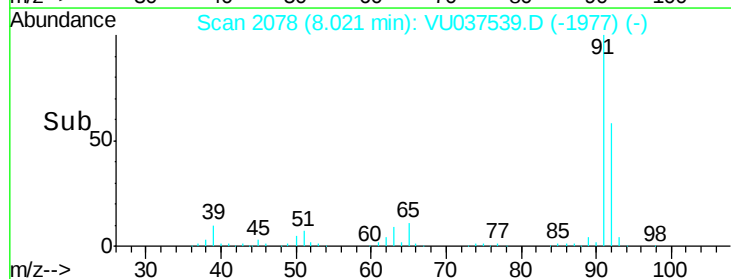
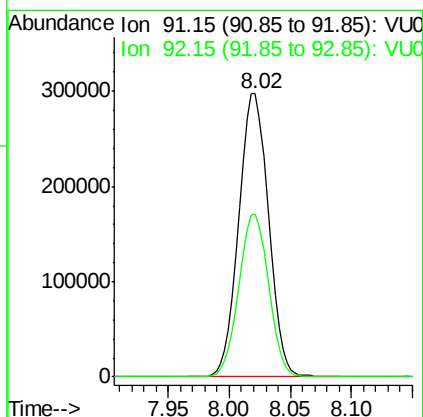
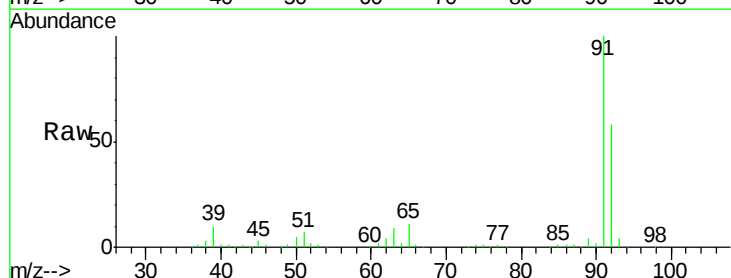
Instrument :
 MSVOA_U
 ClientSampleId :
 DBF14

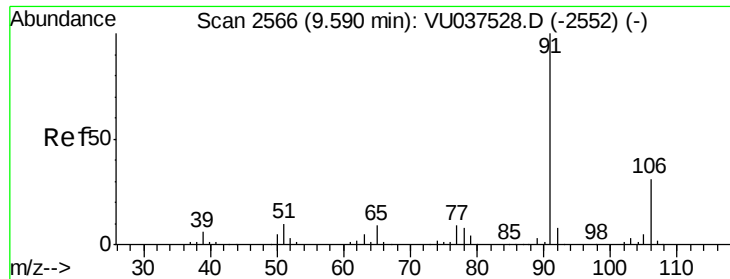
Tot Ion: 83 Resp: 3743
 Ion Ratio Lower Upper
 83 100
 85 58.9 44.4 82.5
 127 9.2 6.5 9.7



#42
 Toluene
 Concen: 20.082 ug/L
 RT: 8.02 min Scan# 2078
 Delta R.T. 0.03 min
 Lab File: VU037539.D
 Acq: 01 Apr 2020 22:54

Tgt Ion: 91 Resp: 502203
 Ion Ratio Lower Upper
 91 100
 92 57.8 38.6 71.8

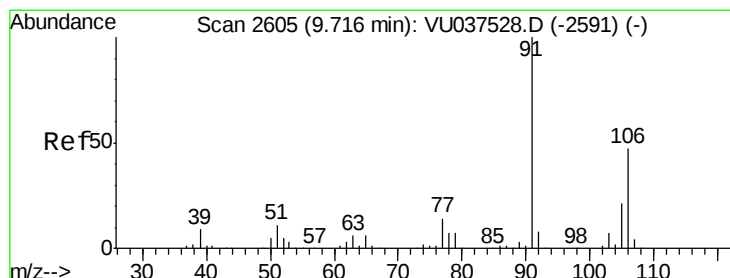
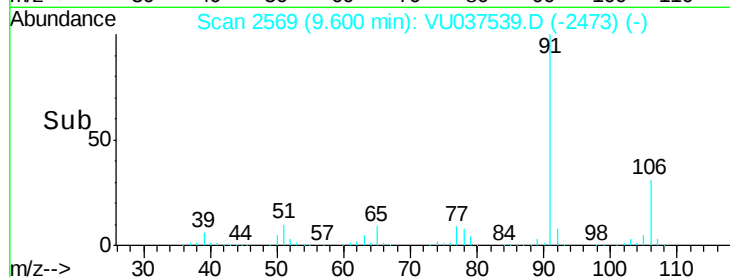
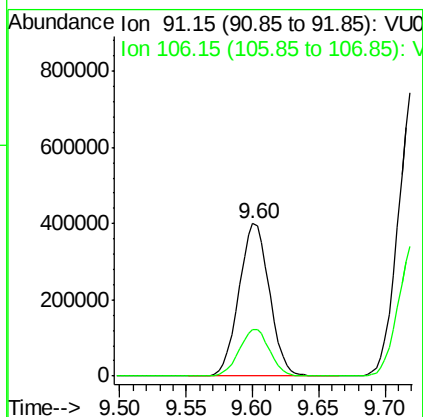
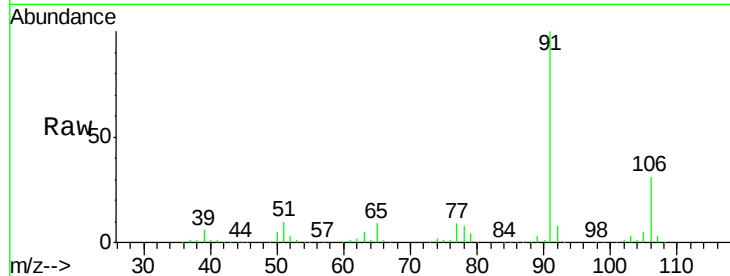




#52
Ethylbenzene
Concen: 22.503 ug/L
RT: 9.60 min Scan# 2569
Delta R.T. 0.01 min
Lab File: VU037539.D
Acq: 01 Apr 2020 22:54

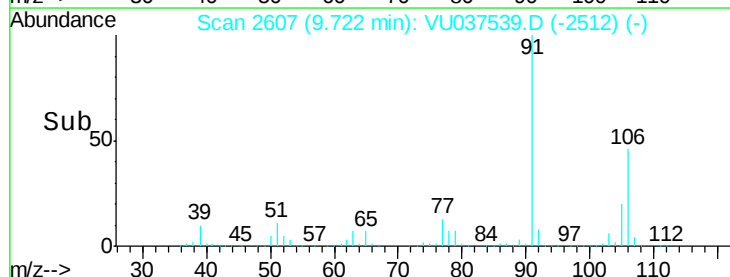
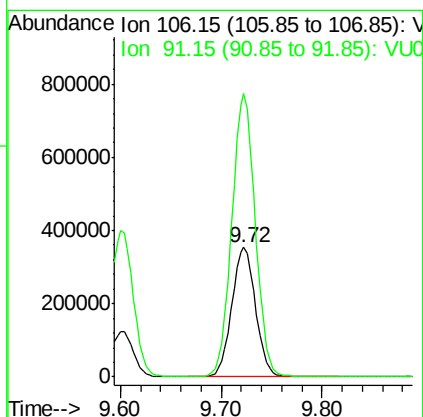
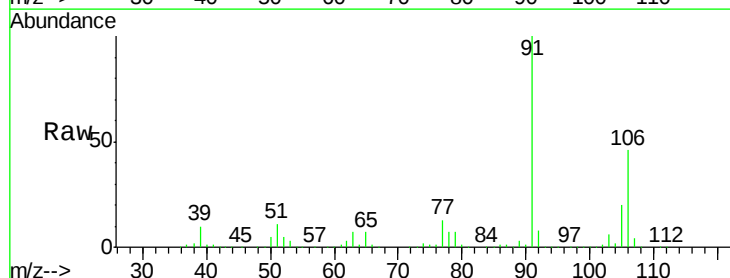
Instrument :
MSVOA_U
ClientSampled :
DBF14

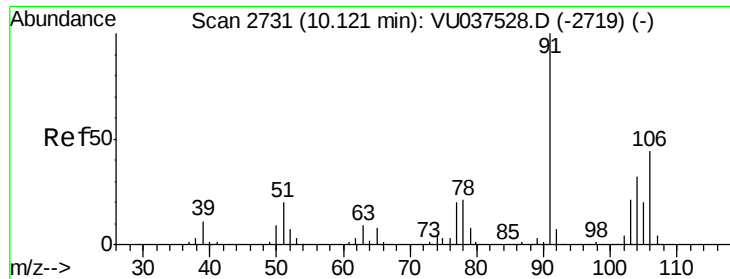
Tot Ion: 91 Resp: 641188
Ion Ratio Lower Upper
91 100
106 30.6 21.3 39.5



#53
m,p-Xylene
Concen: 54.232 ug/L
RT: 9.72 min Scan# 2607
Delta R.T. 0.01 min
Lab File: VU037539.D
Acq: 01 Apr 2020 22:54

Tgt Ion:106 Resp: 580829
Ion Ratio Lower Upper
106 100
91 218.8 147.4 273.8

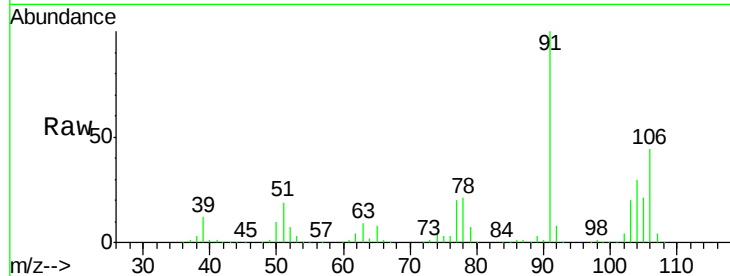




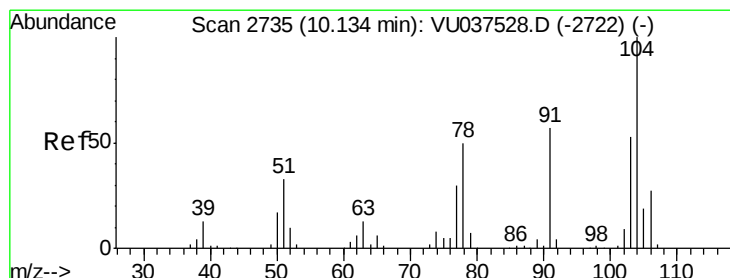
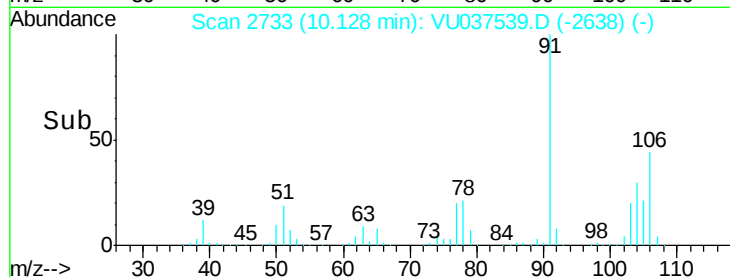
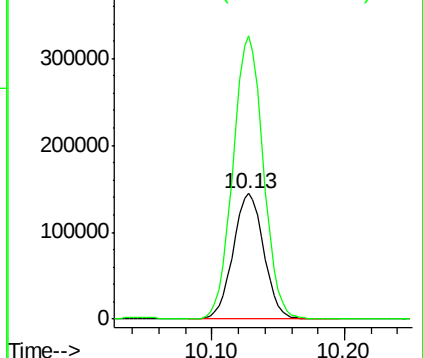
#54
o-Xylene
Concen: 22.462 ug/L
RT: 10.13 min Scan# 2733
Delta R.T. 0.01 min
Lab File: VU037539.D
Acq: 01 Apr 2020 22:54

Instrument :
MSVOA_U
ClientSampled :
DBF14

Tot Ion:106 Resp: 231697
Ion Ratio Lower Upper
106 100
91 225.3 156.8 291.2

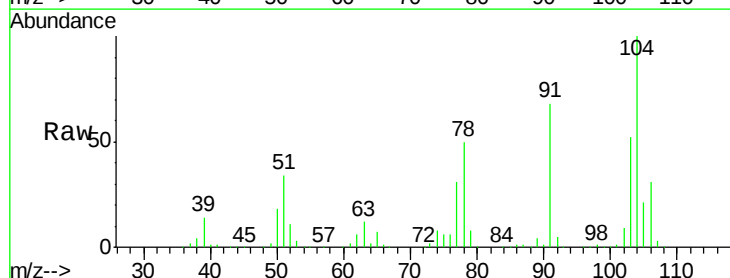


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

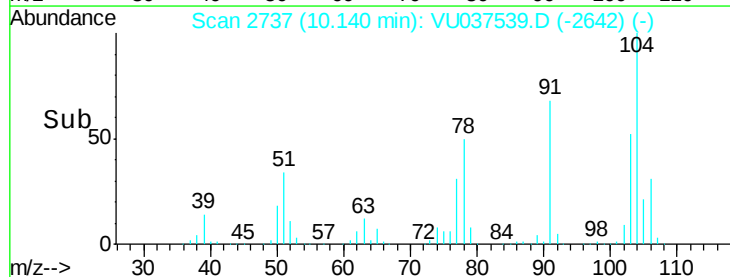
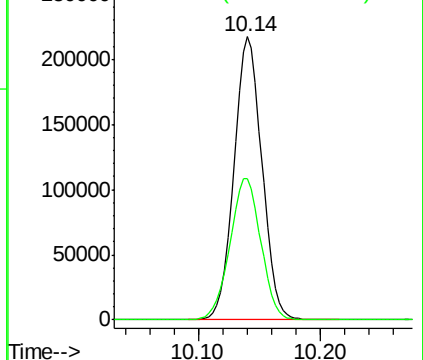


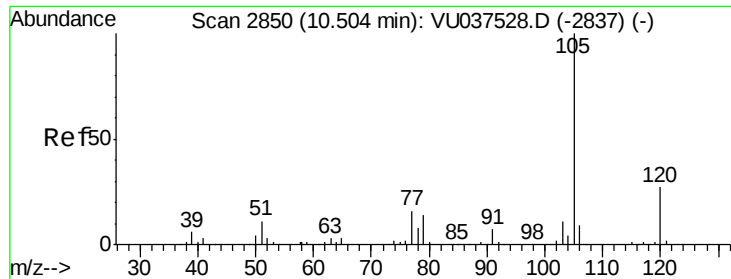
#55
Styrene
Concen: 19.357 ug/L
RT: 10.14 min Scan# 2737
Delta R.T. 0.01 min
Lab File: VU037539.D
Acq: 01 Apr 2020 22:54

Tgt Ion:104 Resp: 344865
Ion Ratio Lower Upper
104 100
78 50.1 36.1 67.1



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 5.326 ug/L

RT: 10.51 min Scan# 2851

Delta R.T. 0.00 min

Lab File: VU037539.D

Acq: 01 Apr 2020 22:54

Instrument :

MSVOA_U

ClientSampleId :

DBF14

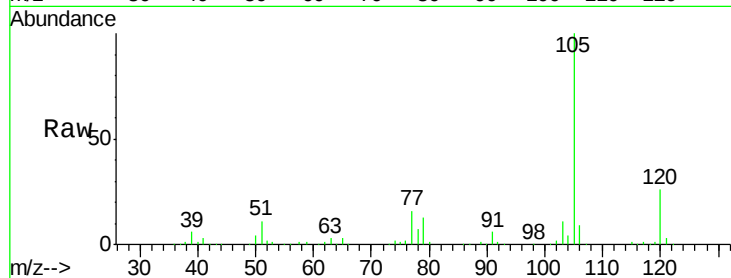
Tot Ion:105 Resp: 149619

Ion Ratio Lower Upper

105 100

120 26.2 20.6 31.0

77 16.6 13.5 20.3



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

