

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
 Data File : VU041343.D
 Acq On : 19 Nov 2020 15:07
 Operator : SY/MD
 Sample : L4790-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4414

Quant Time: Nov 20 06:37:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 20 05:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	51772	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	52677	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	21250	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	14138	3.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.20%
7) Chloroethane-d5	1.92	69	14586	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.58	63	24143	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	4.65	46	87655	55.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.64%
24) Chloroform-d	5.08	84	43111	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	5.72	65	27451	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.74	84	68603	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.70	67	24843	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.91	98	52022	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
43) trans-1,3-Dichloropropene-	8.19	79	9974	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.64	63	60297	53.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.20%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24764	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	23190	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

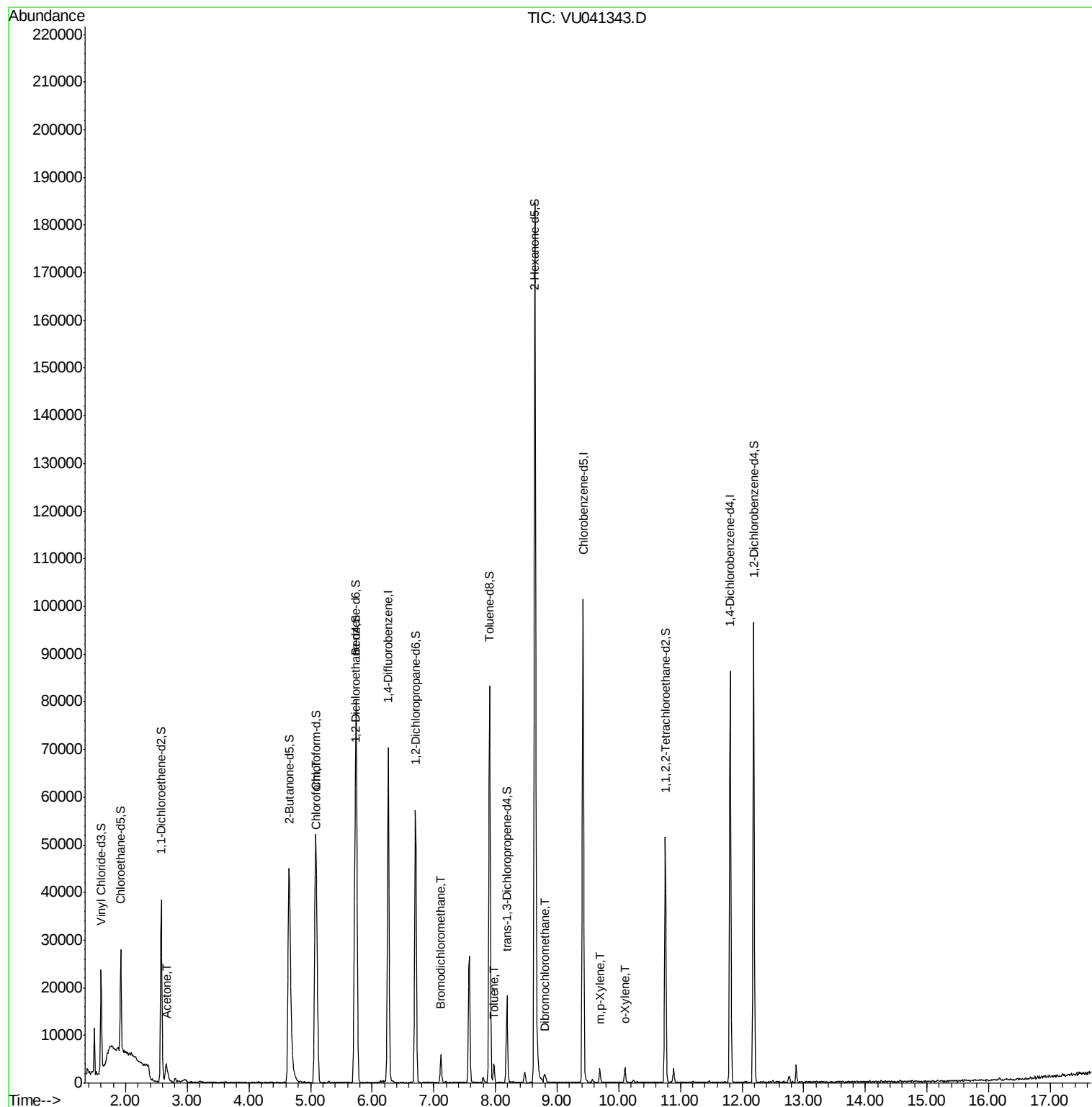
					Ovalue
13) Acetone	2.66	43	7733	7.424 ug/L	# 61
25) Chloroform	5.11	83	16682	2.096 ug/L	95
38) Bromodichloromethane	7.12	83	3692	0.677 ug/L	90
42) Toluene	7.98	91	2814	0.184 ug/L	98
49) Dibromochloromethane	8.81	129	737	0.193 ug/L	93
53) m,p-Xylene	9.70	106	814	0.138 ug/L	94
54) o-Xylene	10.10	106	824	0.145 ug/L	93

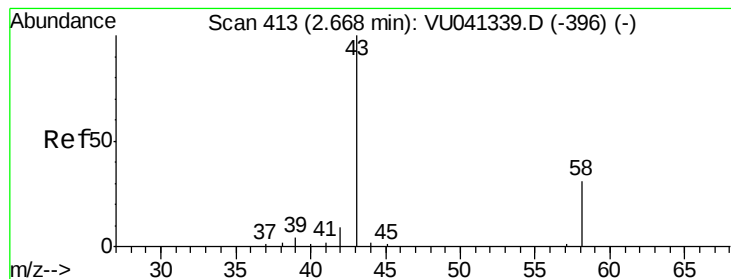
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 7.424 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU041343.D

Acq: 19 Nov 2020 15:07

Instrument :

MSVOA_U

ClientSampleId :

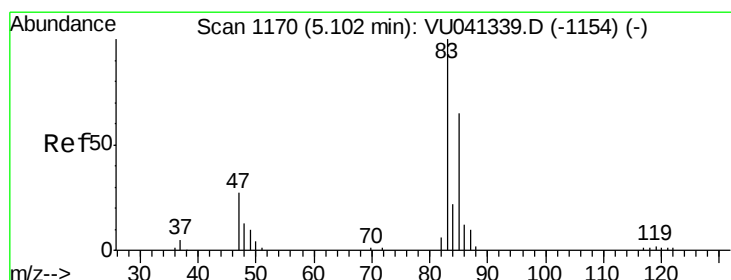
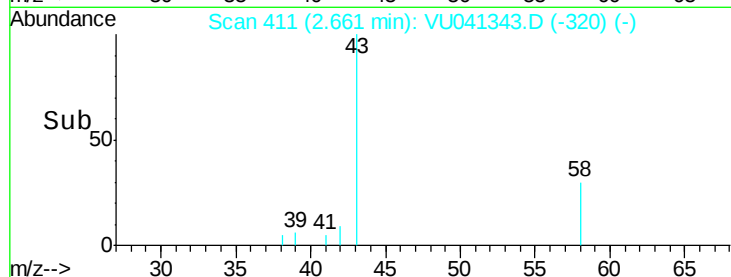
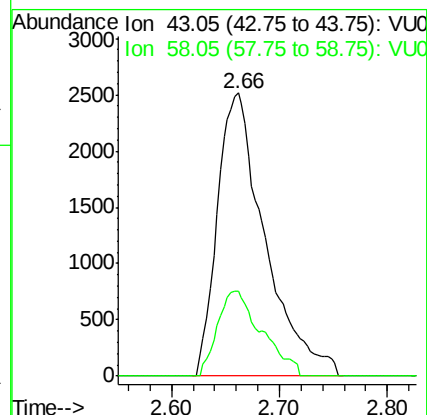
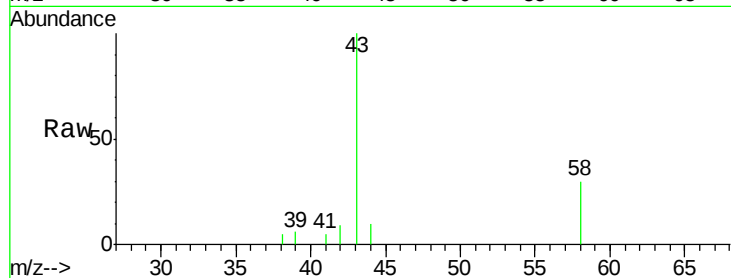
H4414

Tot Ion: 43 Resp: 7733

Ion Ratio Lower Upper

43 100

58 27.9 0.0 25.4#



#25

Chloroform

Concen: 2.096 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU041343.D

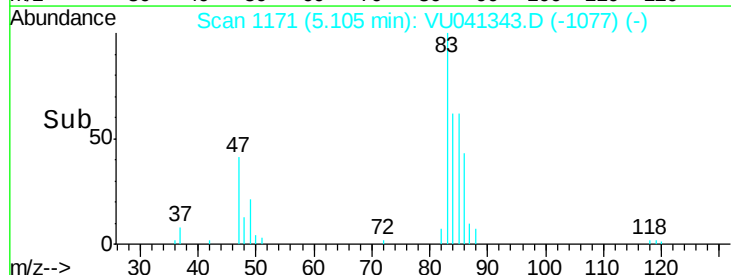
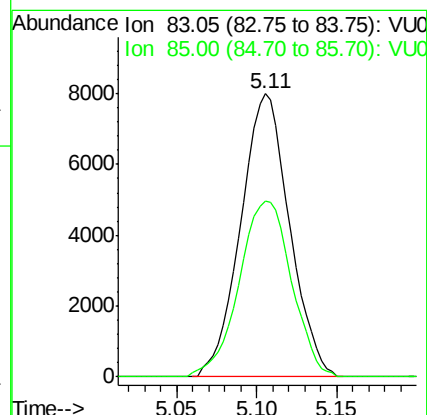
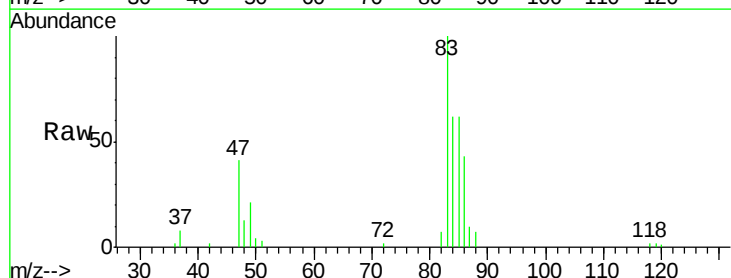
Acq: 19 Nov 2020 15:07

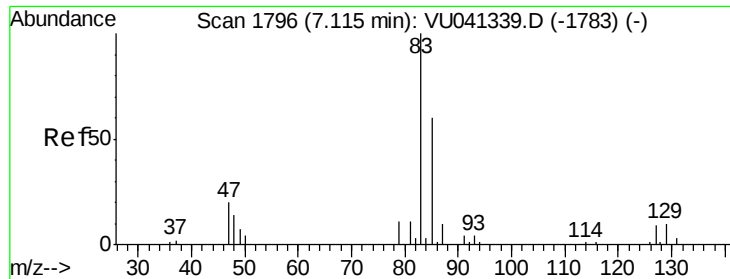
Tgt Ion: 83 Resp: 16682

Ion Ratio Lower Upper

83 100

85 62.3 46.1 85.7

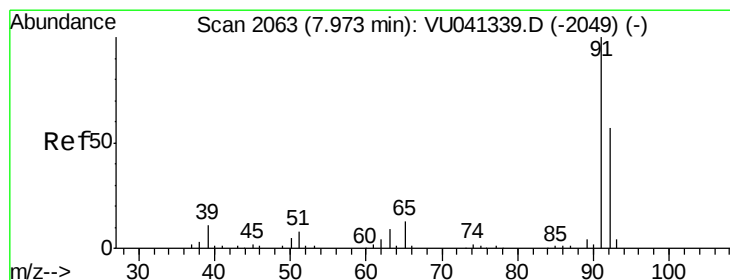
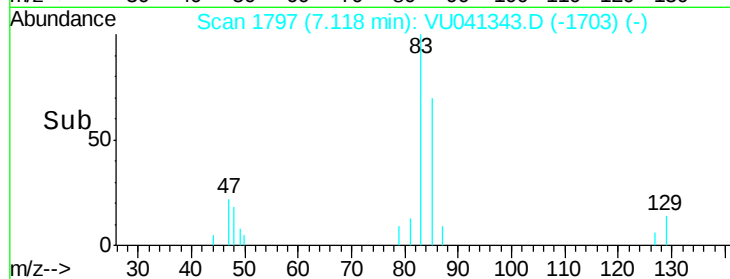
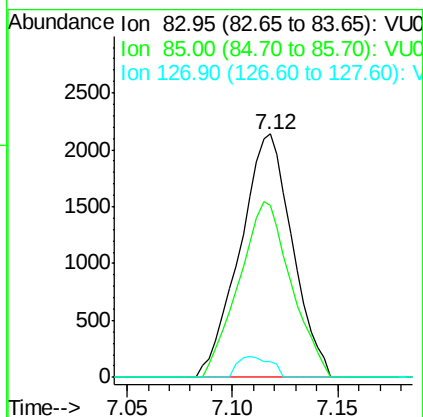
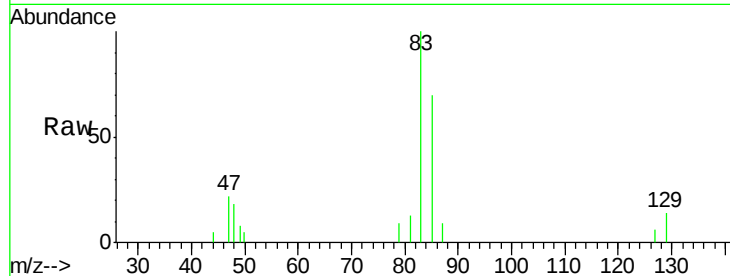




#38
 Bromodichloromethane
 Concen: 0.677 ug/L
 RT: 7.12 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VU041343.D
 Acq: 19 Nov 2020 15:07

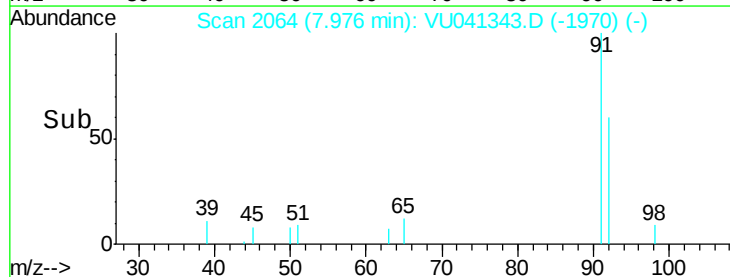
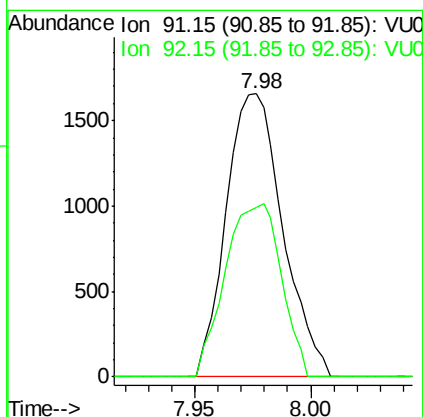
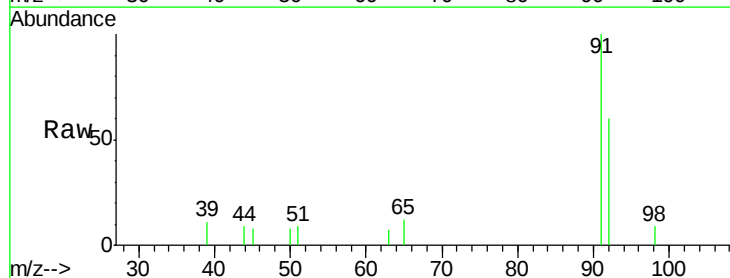
Instrument :
 MSVOA_U
 ClientSampled :
 H4414

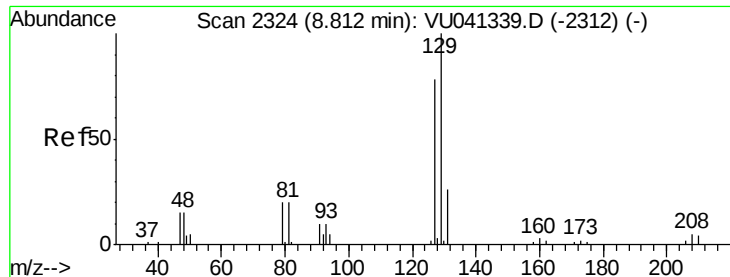
Tot Ion: 83 Resp: 3692
 Ion Ratio Lower Upper
 83 100
 85 70.4 43.3 80.3
 127 6.4 5.9 8.9



#42
 Toluene
 Concen: 0.184 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VU041343.D
 Acq: 19 Nov 2020 15:07

Tgt Ion: 91 Resp: 2814
 Ion Ratio Lower Upper
 91 100
 92 59.7 40.6 75.4





#49

Dibromochloromethane

Concen: 0.193 ug/L

RT: 8.81 min Scan# 2324

Delta R.T. -0.00 min

Lab File: VU041343.D

Acq: 19 Nov 2020 15:07

Instrument :

MSVOA_U

ClientSampleId :

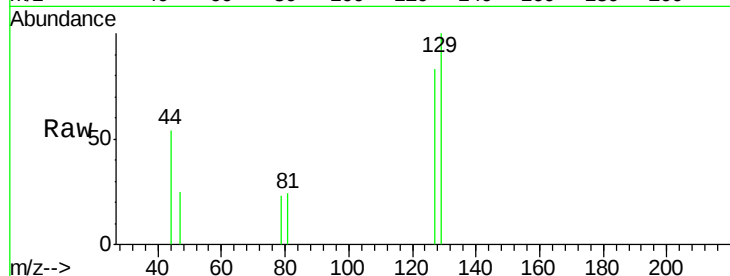
H4414

Tot Ion:129 Resp: 737

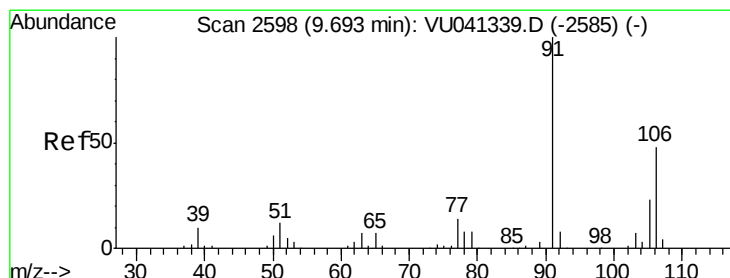
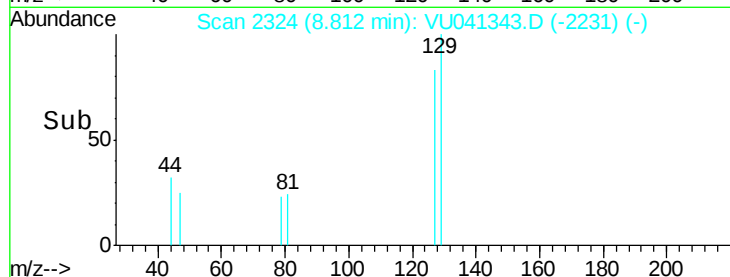
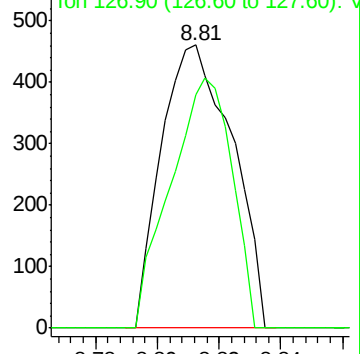
Ion Ratio Lower Upper

129 100

127 82.6 53.4 99.2



Abundance Ion 128.95 (128.65 to 129.65): V



#53

m,p-Xylene

Concen: 0.138 ug/L

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU041343.D

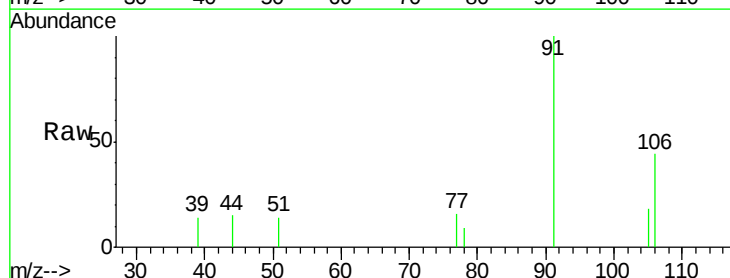
Acq: 19 Nov 2020 15:07

Tgt Ion:106 Resp: 814

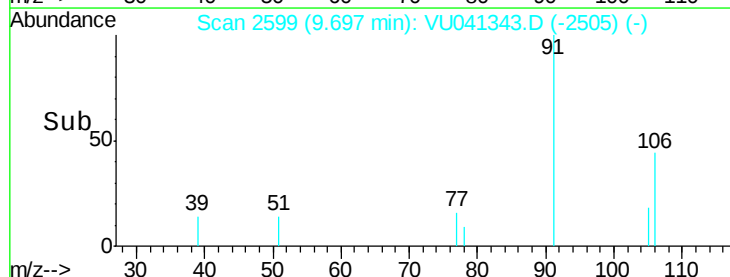
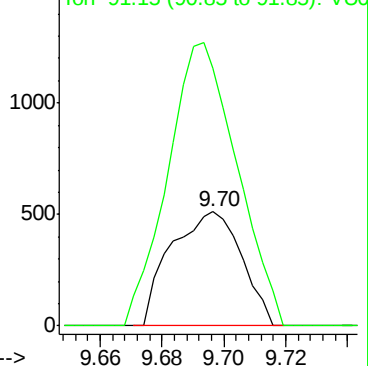
Ion Ratio Lower Upper

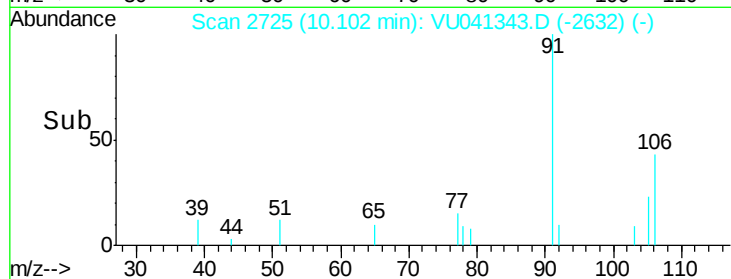
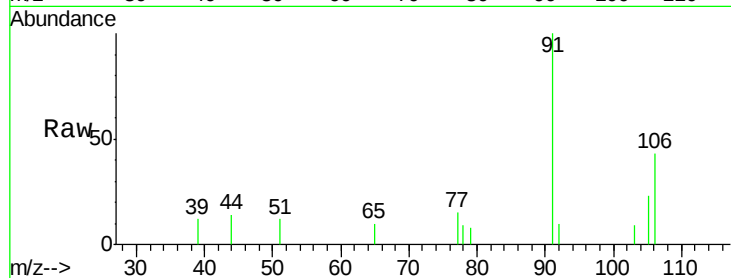
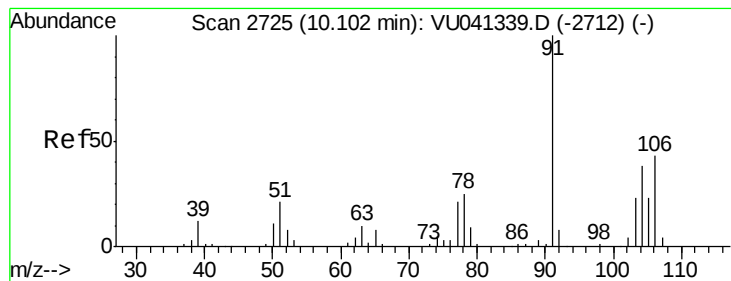
106 100

91 225.4 150.9 280.3



Abundance Ion 106.15 (105.85 to 106.85): V





#54

o-Xylene

Concen: 0.145 ug/L

RT: 10.10 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VU041343.D

Acq: 19 Nov 2020 15:07

Instrument :

MSVOA_U

ClientSampleId :

H4414

Tot Ion:106 Resp: 824

Ion Ratio Lower Upper

106 100

91 231.4 154.3 286.5

Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

