

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110119\
 Data File : VU035595.D
 Acq On : 01 Nov 2019 12:16
 Operator : JC/SP
 Sample : K5631-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE879

Quant Time: Nov 01 17:07:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 01 17:03:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	678256	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	652972	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	215783	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	224657	41.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.02%
7) Chloroethane-d5	1.93	69	198220	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.62%
11) 1,1-Dichloroethene-d2	2.59	63	292293	34.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.62%
21) 2-Butanone-d5	4.69	46	332921	104.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.04%
24) Chloroform-d	5.11	84	419712	49.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.22%
26) 1,2-Dichloroethane-d4	5.75	65	260363	50.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.48%
32) Benzene-d6	5.77	84	876725	51.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.02%
36) 1,2-Dichloropropane-d6	6.74	67	286336	51.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.76%
41) Toluene-d8	7.93	98	802155	49.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.94%
43) trans-1,3-Dichloropropene-	8.21	79	128218	50.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.86%
47) 2-Hexanone-d5	8.68	63	217144	102.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.64%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	384819	49.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.04%
64) 1,2-Dichlorobenzene-d4	12.22	152	231080	53.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.18%

Target Compounds

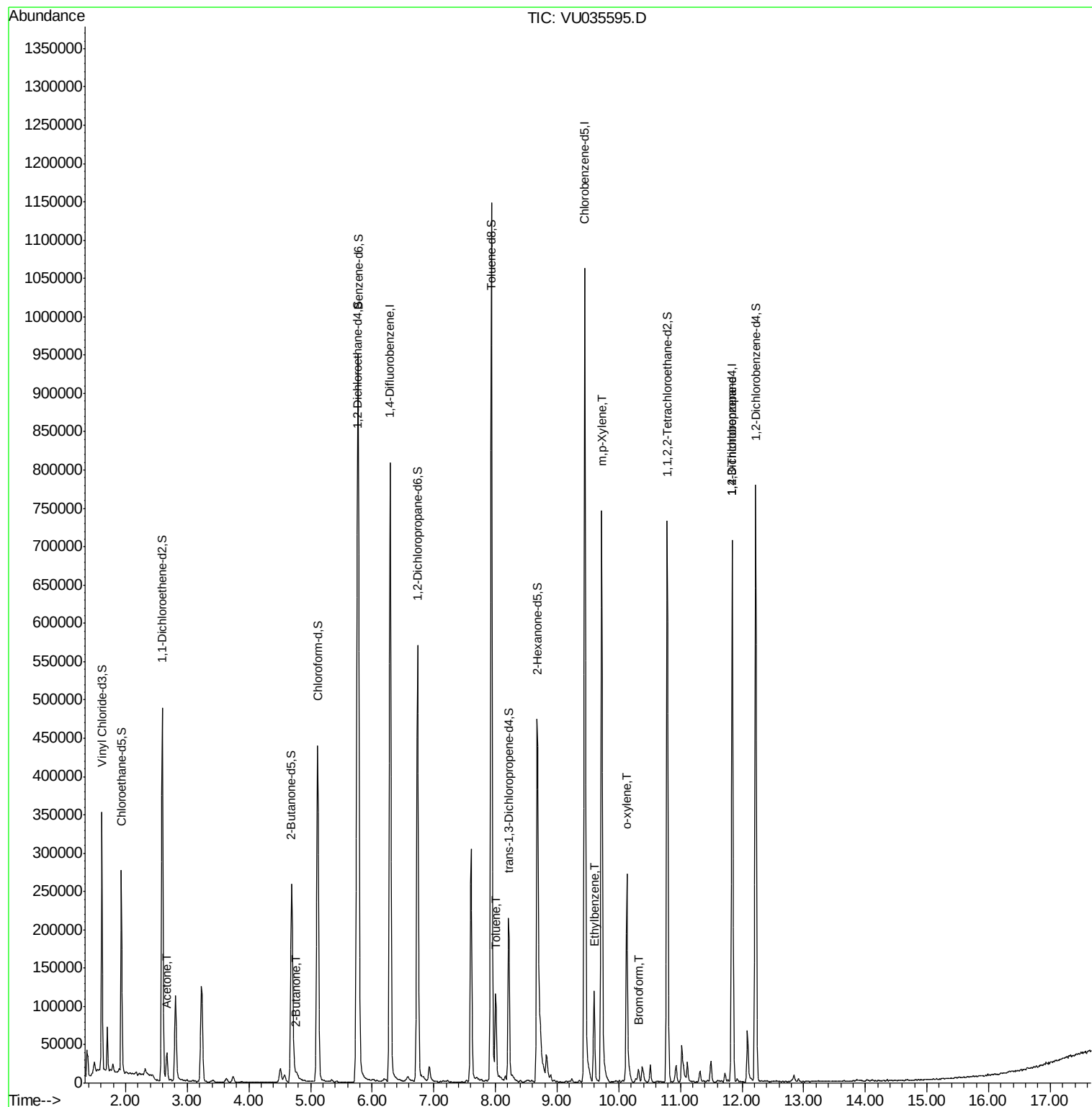
					Qvalue
13) Acetone	2.67	43	39211	13.928 ug/L	99
22) 2-Butanone	4.77	43	7679	2.066 ug/L #	73
42) Toluene	8.01	91	79222	4.119 ug/L	98
52) Ethylbenzene	9.60	91	86141	4.189 ug/L	97
53) m,p-Xylene	9.72	106	232197	30.094 ug/L	97
54) o-xylene	10.13	106	79082	10.487 ug/L	98
59) 1,2,3-Trichloropropane	11.84	75	23830	3.719 ug/L	97
61) Bromoform	10.32	173	7903	2.401 ug/L #	95

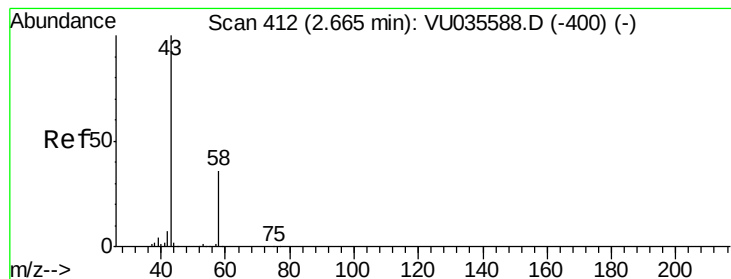
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.928 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.00 min

Lab File: VU035595.D

Acq: 01 Nov 2019 12:16

Instrument :

MSVOA_U

ClientSampleId :

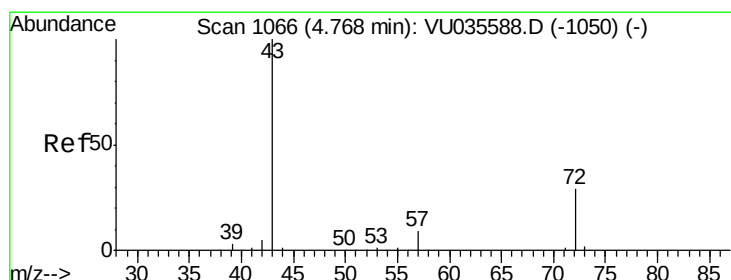
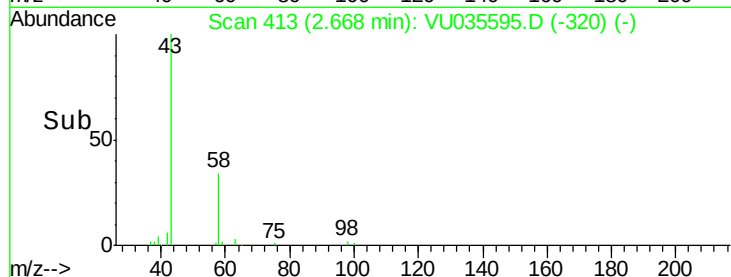
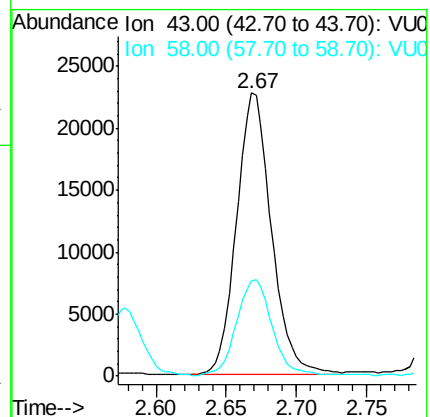
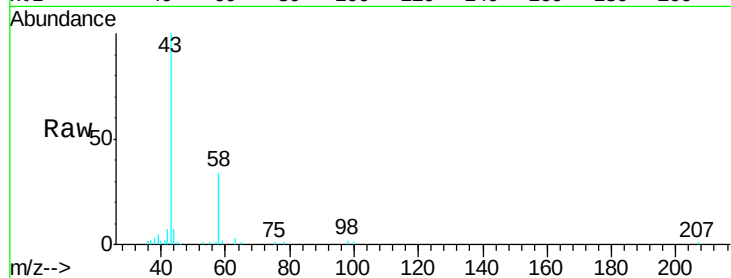
BE879

Tgt Ion: 43 Resp: 39211

Ion Ratio Lower Upper

43 100

58 35.4 0.0 70.0



#22

2-Butanone

Concen: 2.066 ug/L

RT: 4.77 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VU035595.D

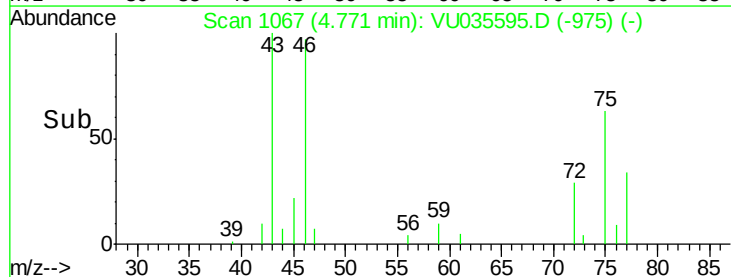
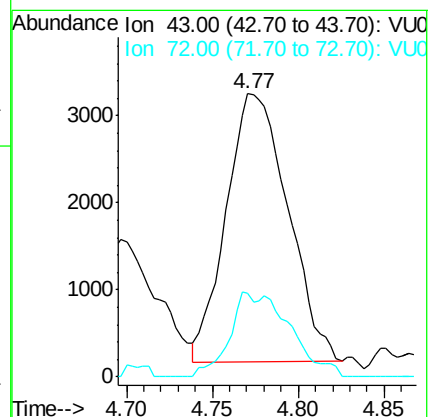
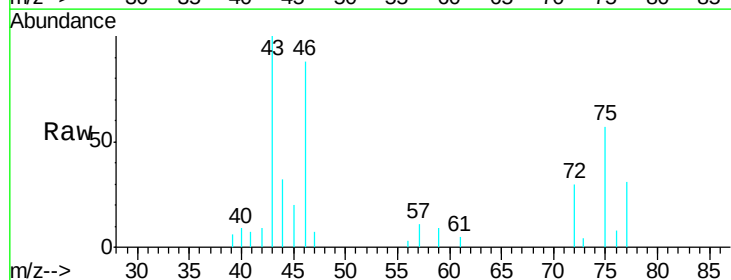
Acq: 01 Nov 2019 12:16

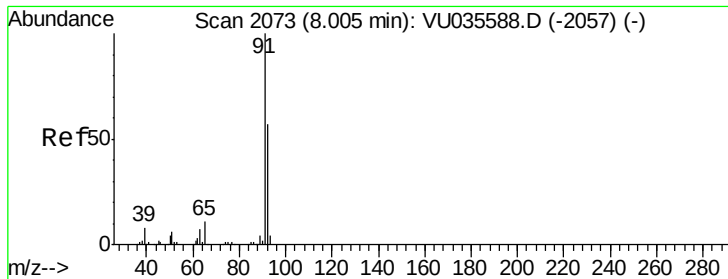
Tgt Ion: 43 Resp: 7679

Ion Ratio Lower Upper

43 100

72 13.0 13.5 40.4#





#42

Toluene

Concen: 4.119 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VU035595.D

Acq: 01 Nov 2019 12:16

Instrument :

MSVOA_U

ClientSampleId :

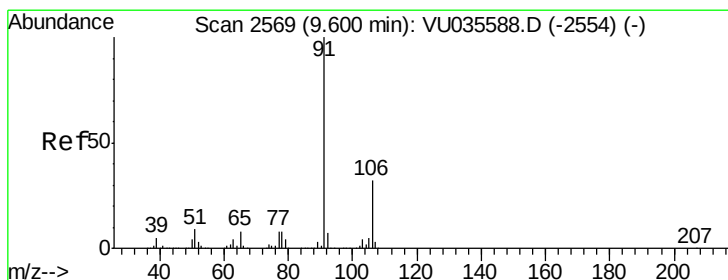
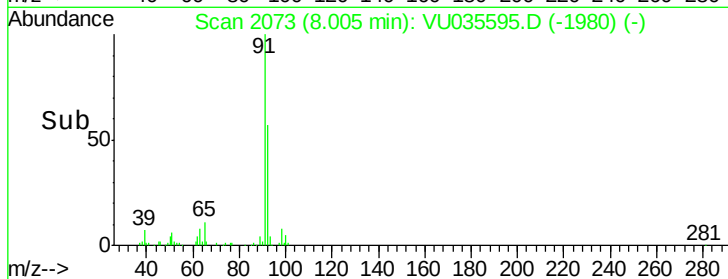
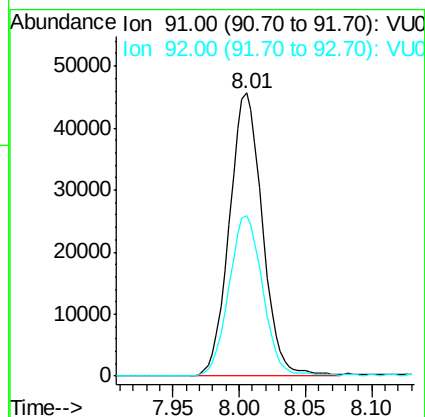
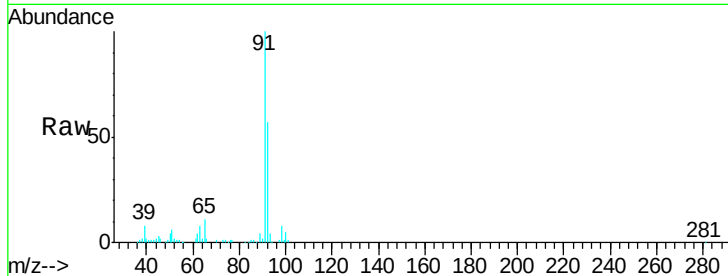
BE879

Tgt Ion: 91 Resp: 79222

Ion Ratio Lower Upper

91 100

92 56.7 40.5 75.1



#52

Ethylbenzene

Concen: 4.189 ug/L

RT: 9.60 min Scan# 2569

Delta R.T. -0.00 min

Lab File: VU035595.D

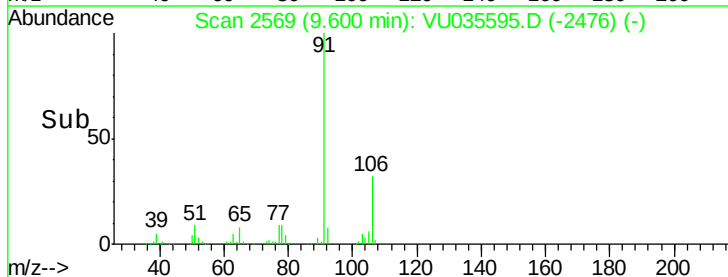
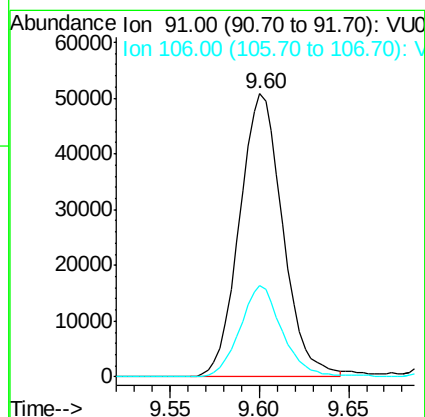
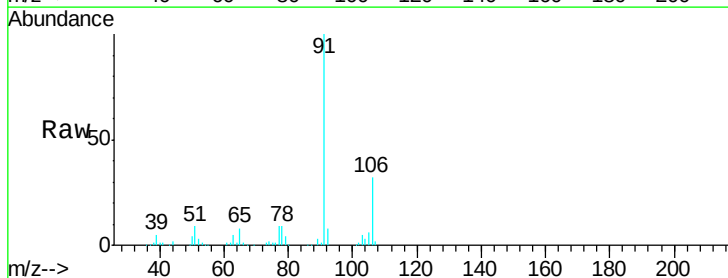
Acq: 01 Nov 2019 12:16

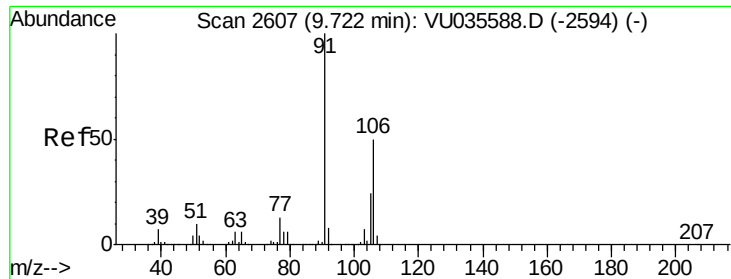
Tgt Ion: 91 Resp: 86141

Ion Ratio Lower Upper

91 100

106 32.4 21.6 40.0





#53

m,p-Xylene

Concen: 30.094 ug/L

RT: 9.72 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VU035595.D

Acq: 01 Nov 2019 12:16

Instrument :

MSVOA_U

ClientSampleId :

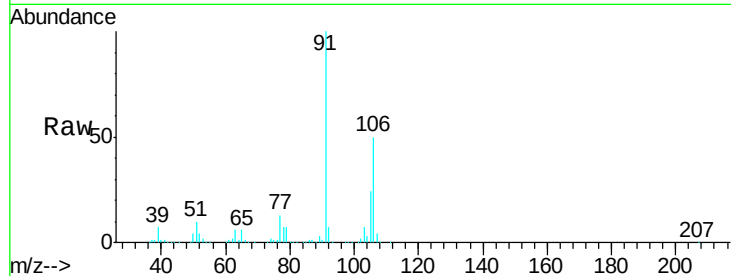
BE879

Tgt Ion:106 Resp: 232197

Ion Ratio Lower Upper

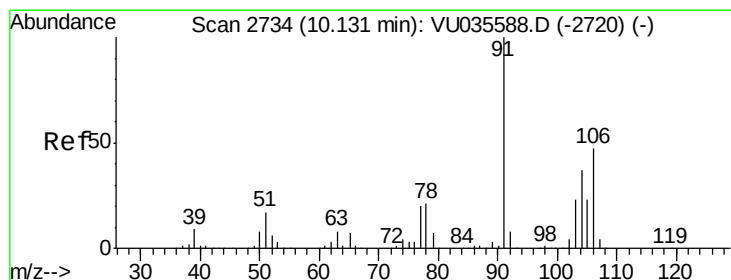
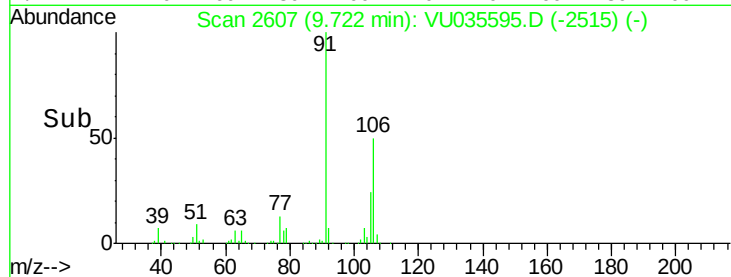
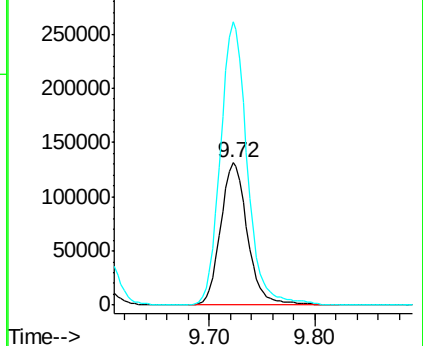
106 100

91 199.3 142.7 264.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 10.487 ug/L

RT: 10.13 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VU035595.D

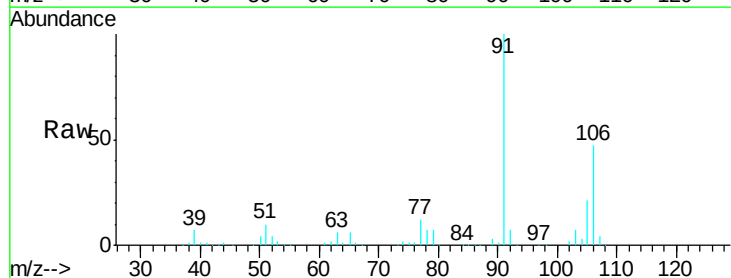
Acq: 01 Nov 2019 12:16

Tgt Ion:106 Resp: 79082

Ion Ratio Lower Upper

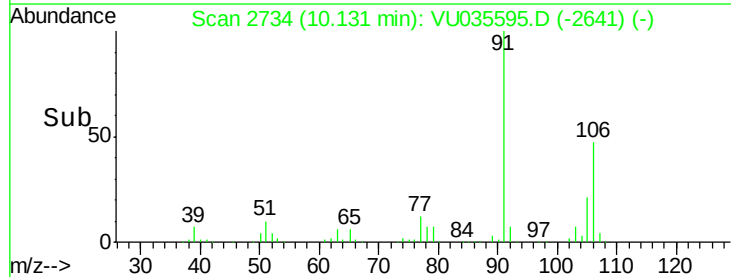
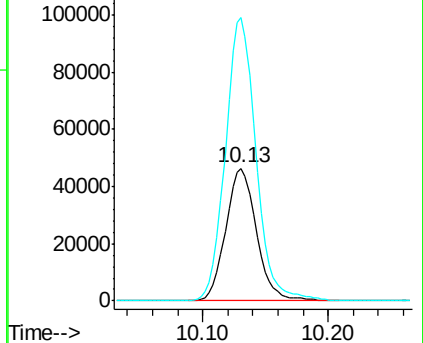
106 100

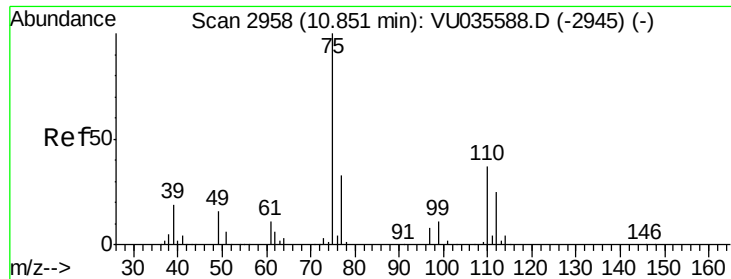
91 213.2 147.1 273.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

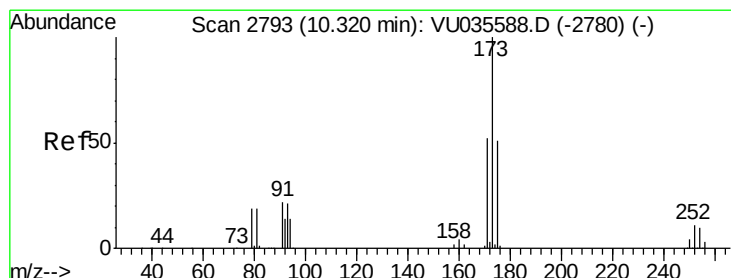
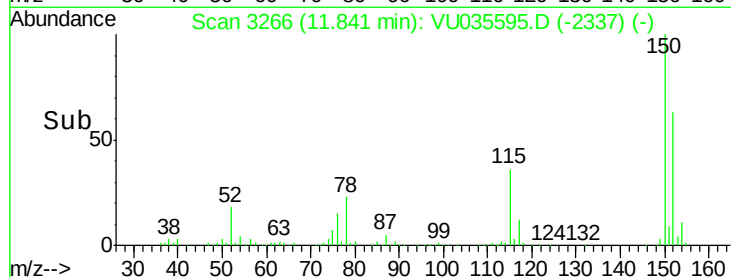
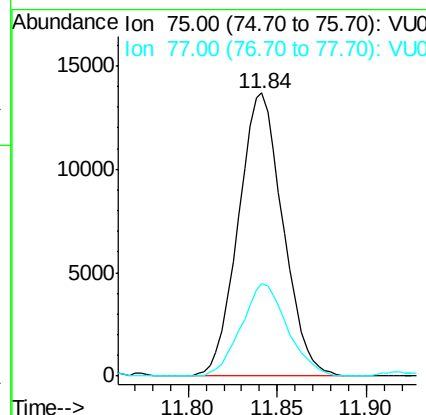
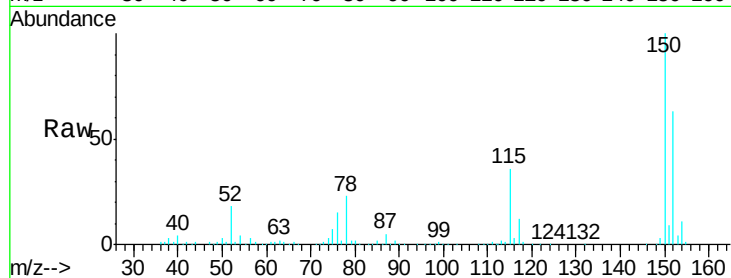




#59
 1,2,3-Trichloropropane
 Concen: 3.719 ug/L
 RT: 11.84 min Scan# 3266
 Delta R.T. 0.99 min
 Lab File: VU035595.D
 Acq: 01 Nov 2019 12:16

Instrument :
 MSVOA_U
 ClientSampled :
 BE879

Tgt Ion: 75 Resp: 23830
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.7 38.5



#61
 Bromoform
 Concen: 2.401 ug/L
 RT: 10.32 min Scan# 2794
 Delta R.T. -0.00 min
 Lab File: VU035595.D
 Acq: 01 Nov 2019 12:16

Tgt Ion: 173 Resp: 7903
 Ion Ratio Lower Upper
 173 100
 175 46.8 39.4 59.0
 254 4.8 8.1 12.1#

