

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111819\
 Data File : VU035757.D
 Acq On : 18 Nov 2019 20:52
 Operator : JC/SP
 Sample : K5910-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQK3

Manual Integrations
 APPROVED

MMDADODA
 11/19/2019 10:55:20 AM

Quant Time: Nov 19 03:36:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 19 00:32:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	250915	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	266683	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	180519	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	87924	3.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.00%
7) Chloroethane-d5	1.93	69	85677	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.00%
11) 1,1-Dichloroethene-d2	2.59	63	142591	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.70	46	264516	46.39	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.78%
24) Chloroform-d	5.11	84	151993	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.80%
26) 1,2-Dichloroethane-d4	5.75	65	83923	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
32) Benzene-d6	5.77	84	362863	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	6.73	67	122248	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.93	98	359481	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	8.21	79	51185m	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.68	63	225755	53.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.28%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	105507	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	163323	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
14) Carbon disulfide	2.83	76	28516	0.399	ug/L #	93
21) 2-Butanone	4.78	43	97117	15.909	ug/L	96
30) Cyclohexane	5.43	56	6259208	178.331	ug/L #	93
33) Benzene	5.82	78	756335	8.059	ug/L	100
35) Methylcyclohexane	6.80	83	2765469	75.579	ug/L #	84
42) Toluene	8.00	91	155951	1.579	ug/L	98
52) Ethylbenzene	9.60	91	6890353	66.306	ug/L	99
53) m,p-Xylene	9.73	106	6238793	158.551	ug/L	97
54) o-Xylene	10.13	106	650063	17.094	ug/L	99
56) Isopropylbenzene	10.51	105	4079573	40.652	ug/L	100

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

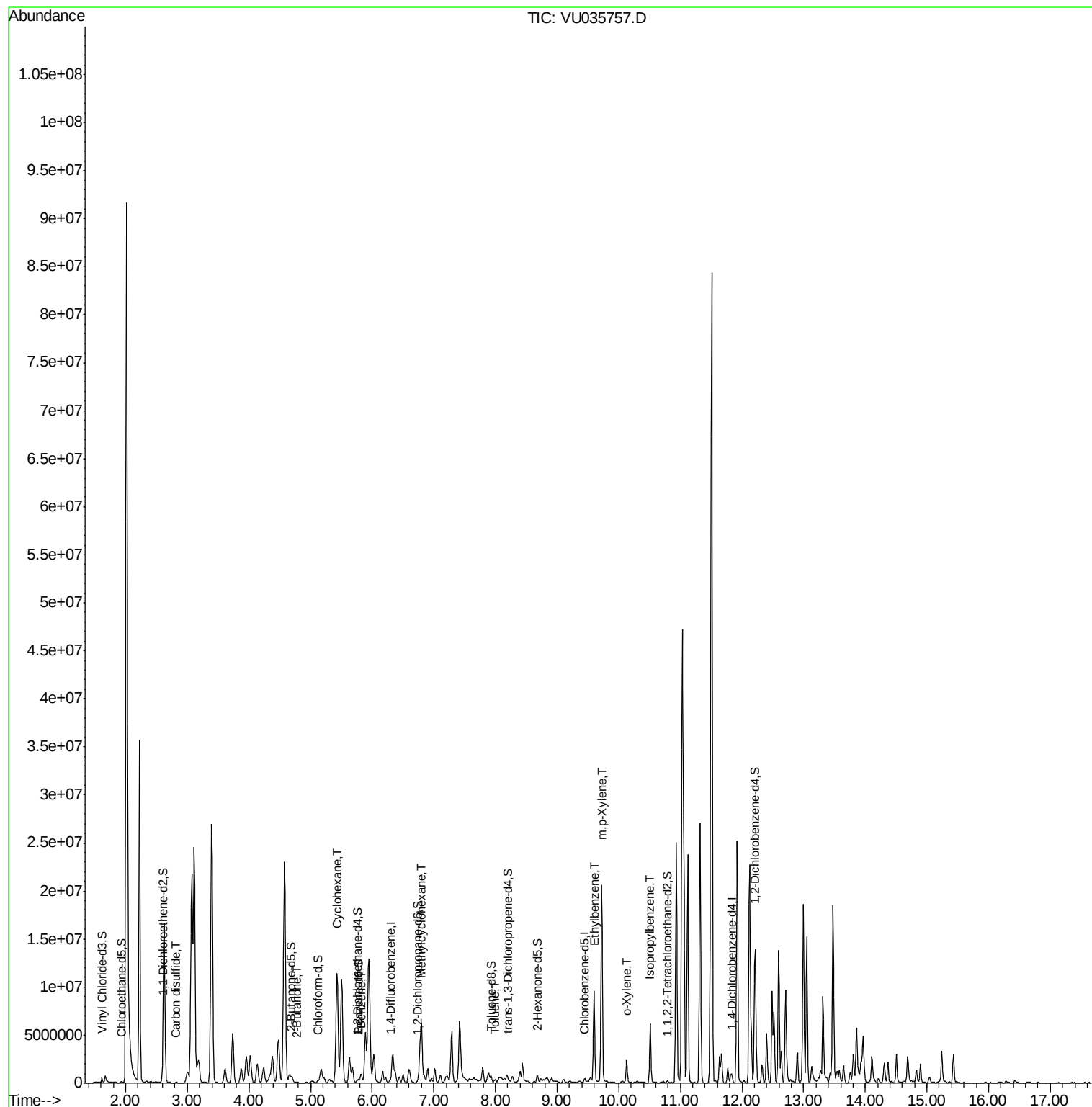
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111819\
Data File : VU035757.D
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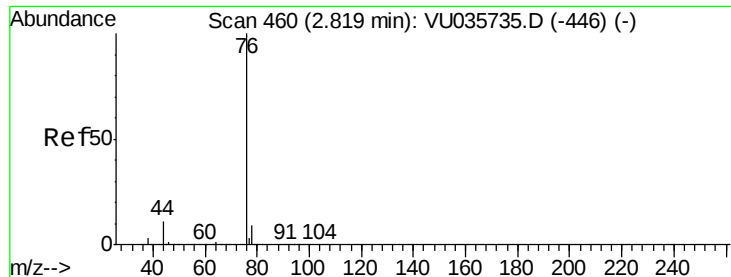
Instrument :
MSVOA_U
ClientSampleId :
GAQK3

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 00:32:50 2019
Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.399 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.01 min

Lab File: VU035757.D

Acq: 18 Nov 2019 20:52

Instrument :

MSVOA_U

ClientSampled :

GAQK3

Tot Ion: 76 Resp: 28516

Ion Ratio Lower Upper

76 100

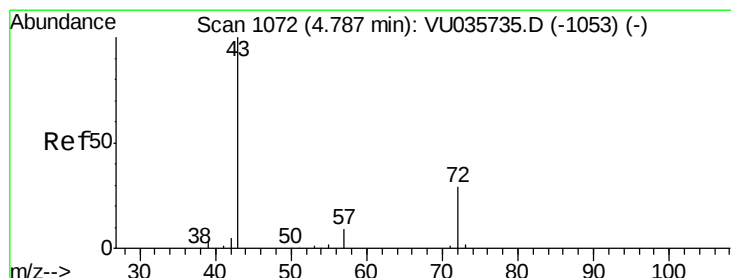
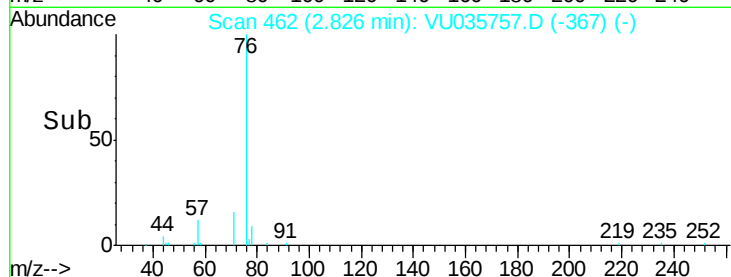
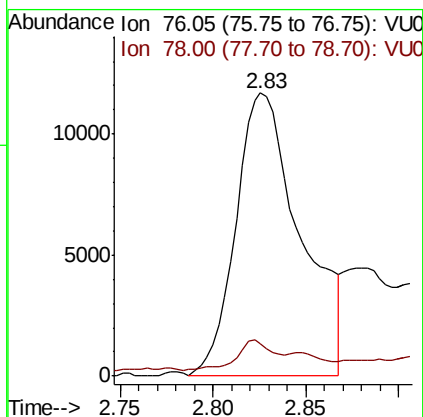
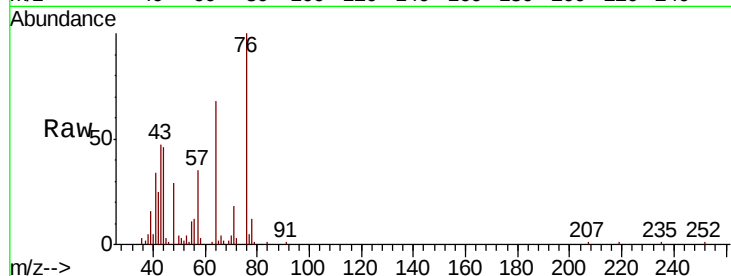
78 11.6 7.4 11.0#

Manual Integrations

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11/19/2019 10:55:20 AM



#21

2-Butanone

Concen: 15.909 ug/L

RT: 4.78 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VU035757.D

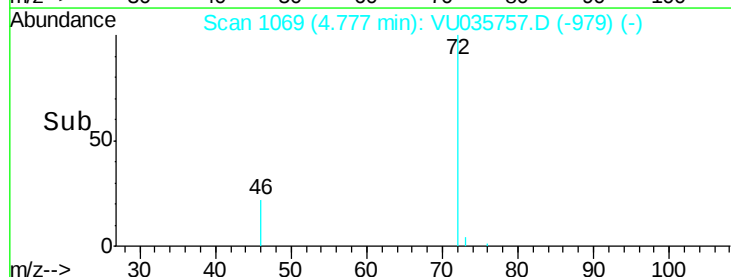
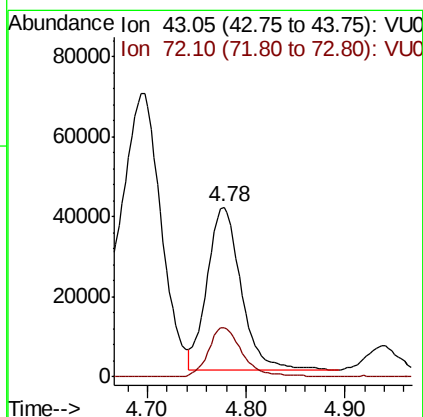
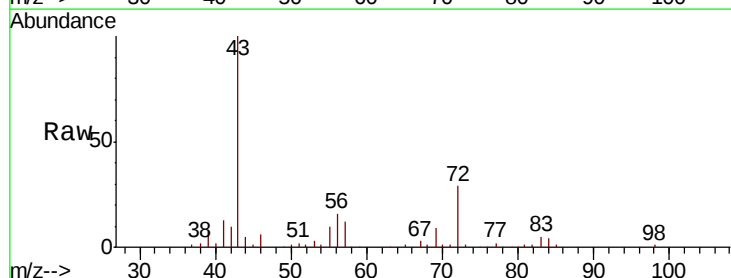
Acq: 18 Nov 2019 20:52

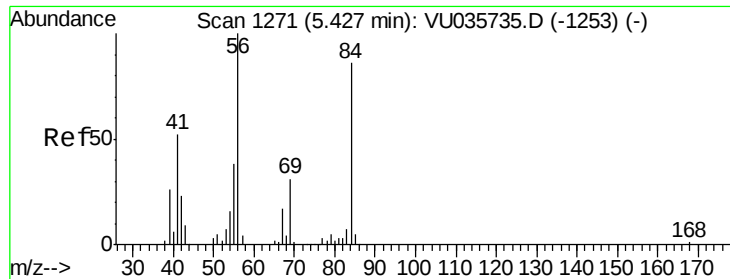
Tgt Ion: 43 Resp: 97117

Ion Ratio Lower Upper

43 100

72 30.6 14.3 42.9





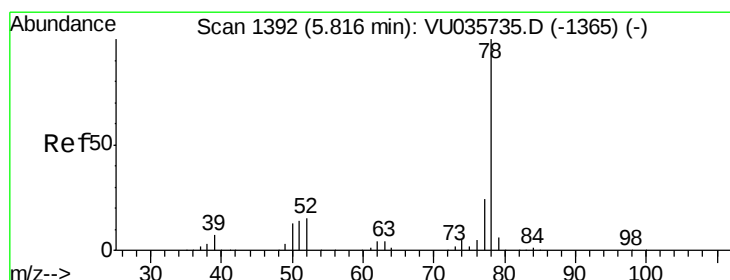
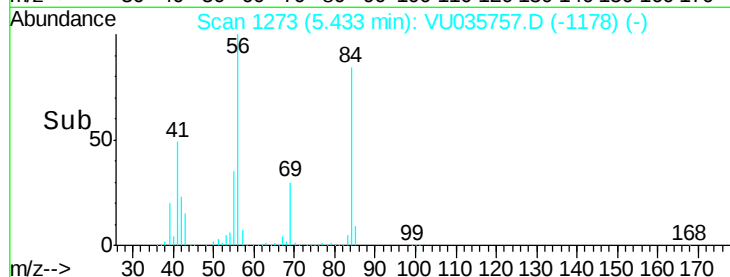
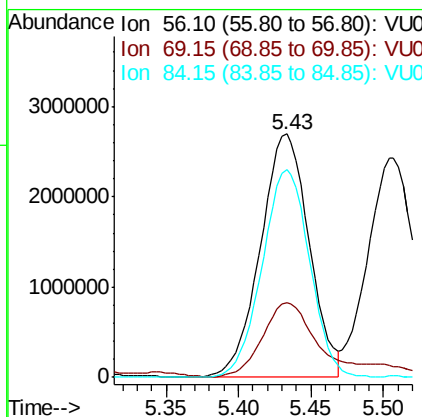
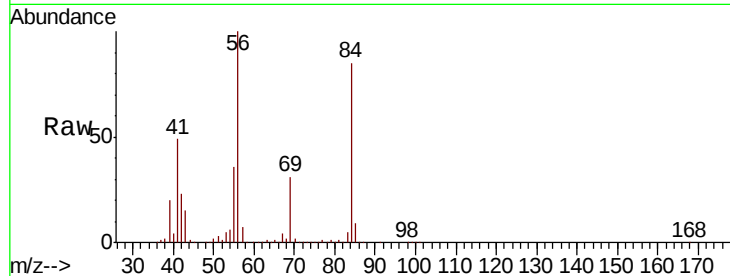
#30
Cyclohexane
Concen: 178.331 ug/L
RT: 5.43 min Scan# 1273
Delta R.T. 0.01 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Instrument :
MSVOA_U
ClientSampleId :
GAQK3

Tot Ion: 56 Resp: 6259208
Ion Ratio Lower Upper
56 100
69 39.7 24.6 37.0#
84 83.8 69.7 104.5

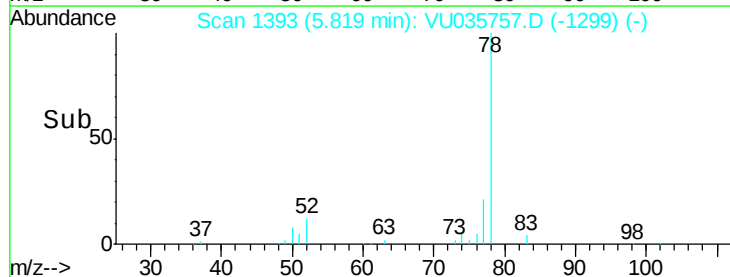
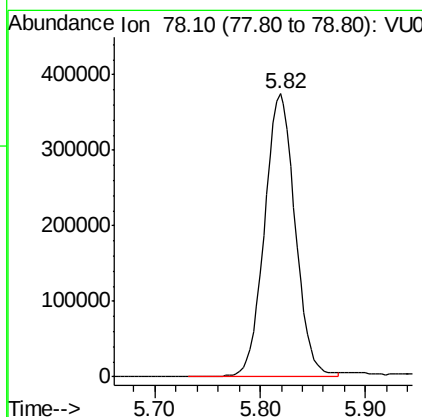
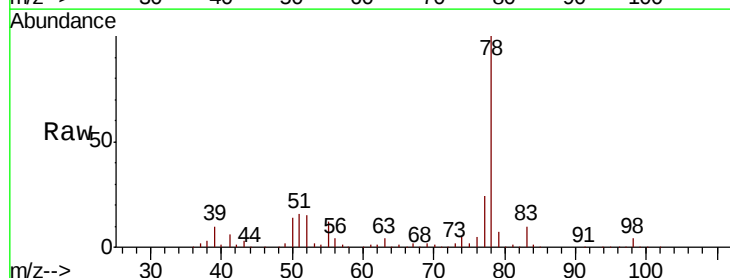
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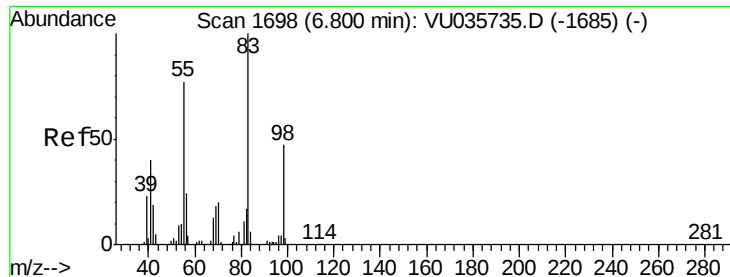
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#33
Benzene
Concen: 8.059 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Tgt Ion: 78 Resp: 756335





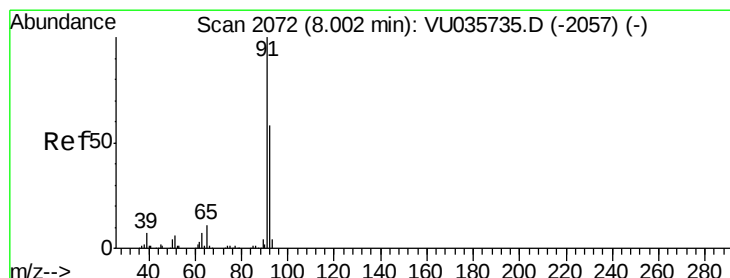
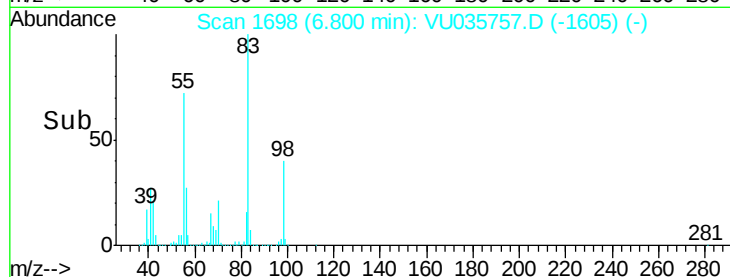
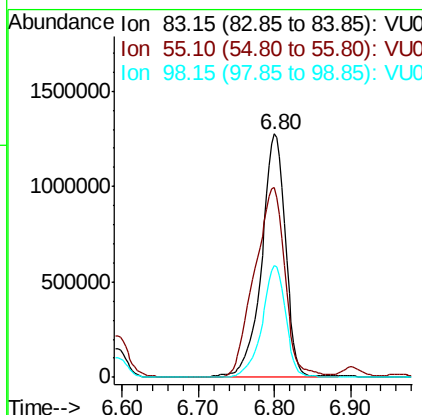
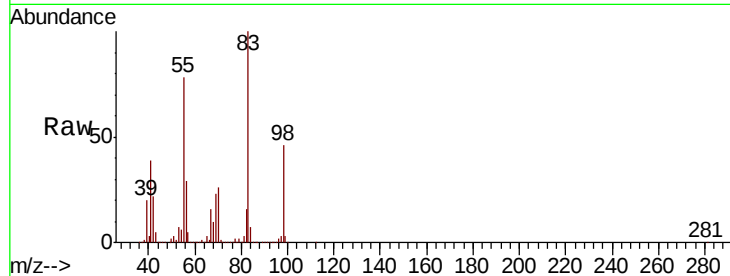
#35
Methvlcvclohexane
Concen: 75.579 ug/L
RT: 6.80 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Instrument :
MSVOA_U
ClientSampleId :
GAQK3

Tot Ion: 83 Resp: 2765469
Ion Ratio Lower Upper
83 100
55 99.5 62.6 93.8#
98 45.2 37.2 55.8

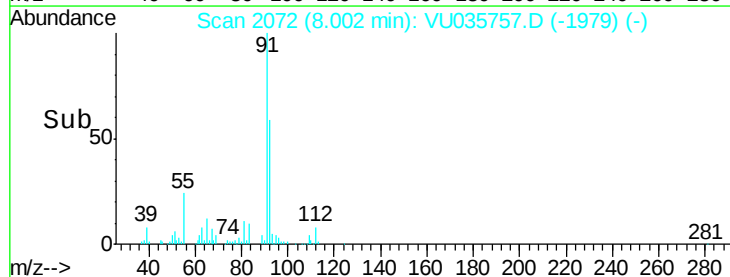
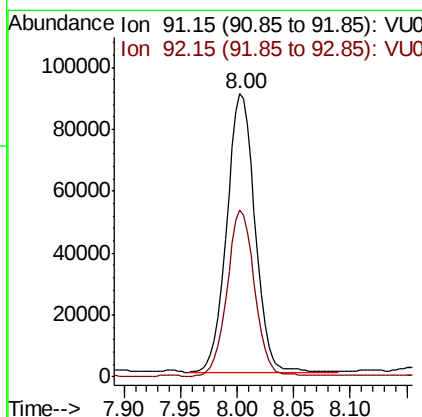
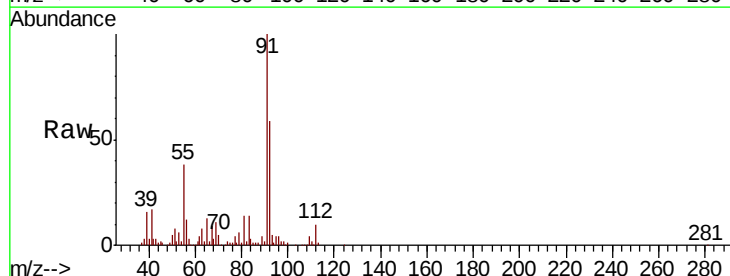
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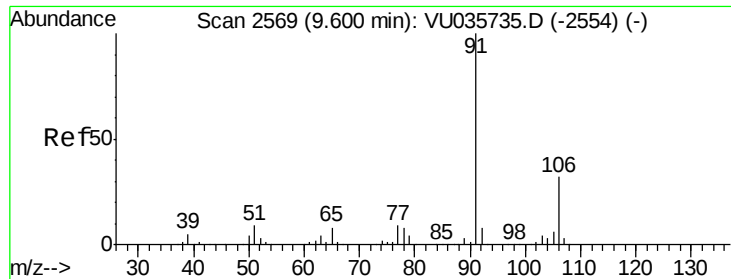
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11/19/2019 10:55:20 AM



#42
Toluene
Concen: 1.579 ug/L
RT: 8.00 min Scan# 2072
Delta R.T. 0.00 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Tgt Ion: 91 Resp: 155951
Ion Ratio Lower Upper
91 100
92 59.0 40.5 75.3





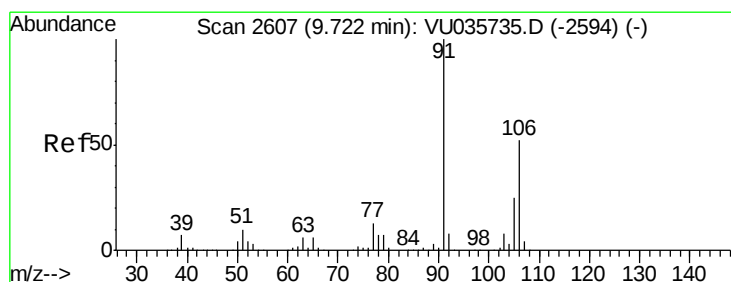
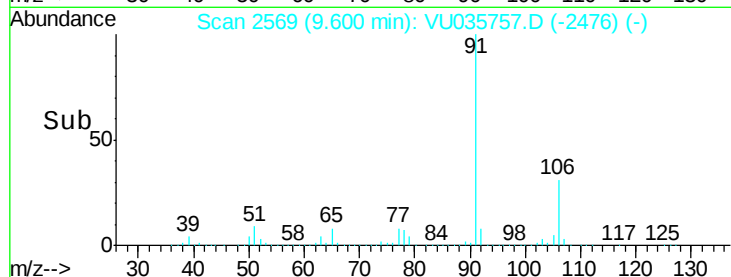
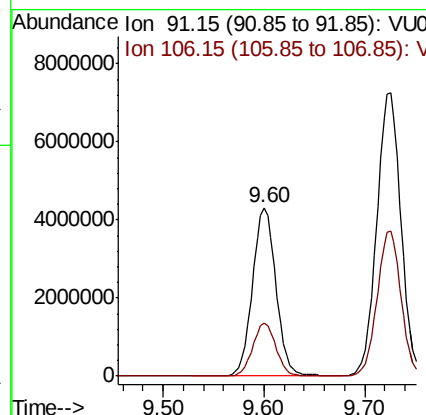
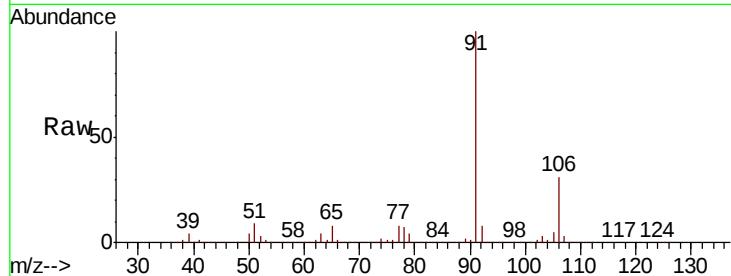
#52
Ethylbenzene
Concen: 66.306 ug/L
RT: 9.60 min Scan# 2569
Delta R.T. 0.00 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Instrument :
MSVOA_U
ClientSampleId :
GAQK3

Tot Ion: 91 Resp: 6890353
Ion Ratio Lower Upper
91 100
106 31.4 22.4 41.6

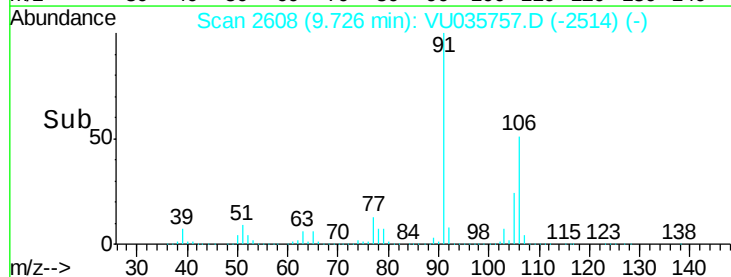
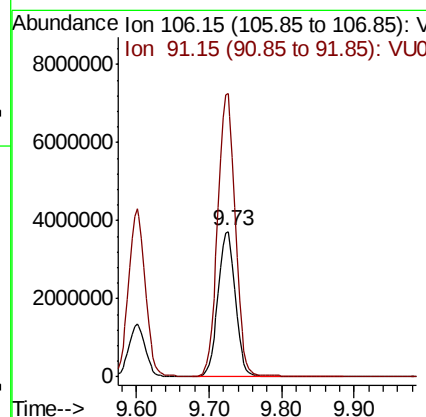
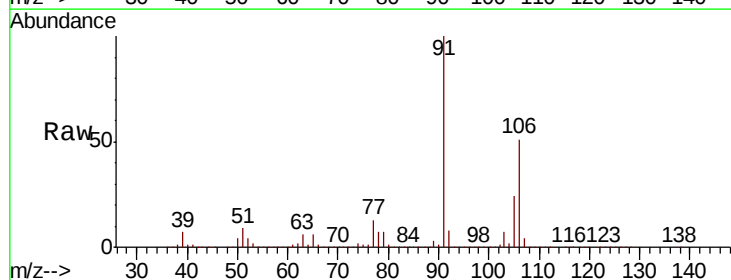
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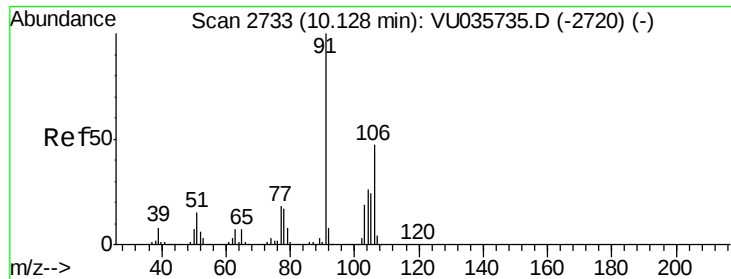
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11/19/2019 10:55:20 AM



#53
m,p-Xylene
Concen: 158.551 ug/L
RT: 9.73 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Tgt Ion: 106 Resp: 6238793
Ion Ratio Lower Upper
106 100
91 194.6 139.4 259.0





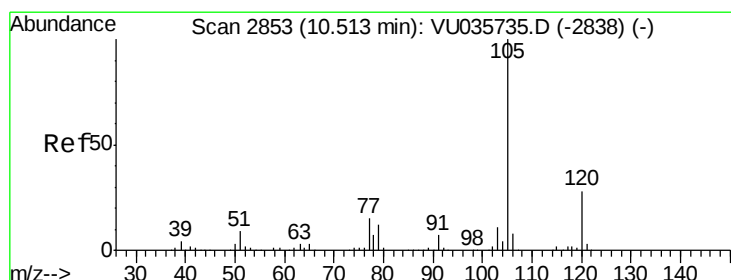
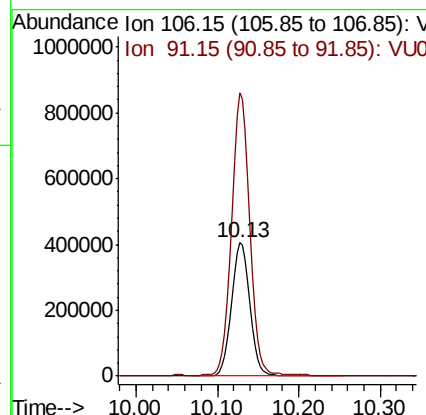
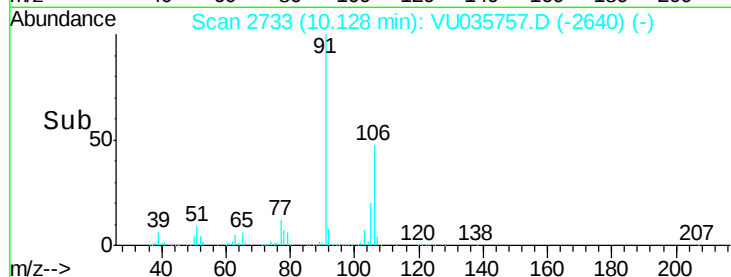
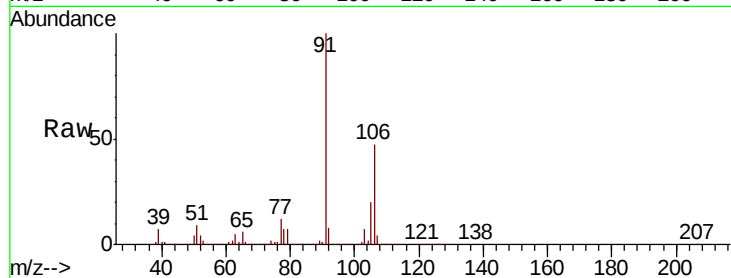
#54
o-Xylene
Concen: 17.094 ug/L
RT: 10.13 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Instrument :
MSVOA_U
ClientSampled :
GAQK3

Tot Ion:106 Resp: 650063
Ion Ratio Lower Upper
106 100
91 212.2 147.7 274.3

Manual Integrations
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MMDADODA
11/19/2019 10:55:20 AM



#56
Isopropylbenzene
Concen: 40.652 ug/L
RT: 10.51 min Scan# 2852
Delta R.T. -0.00 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Tgt Ion:105 Resp: 4079573
Ion Ratio Lower Upper
105 100
120 27.0 21.4 32.2
77 14.8 11.8 17.8

