

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011520\
 Data File : VU036485.D
 Acq On : 15 Jan 2020 22:34
 Operator : JC/MD
 Sample : L1118-11
 Misc : 5.01G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GASK2

Manual Integrations
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Quant Time: Jan 16 20:33:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 06:52:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	584213	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	583674	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	305283	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	151288	39.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.88%
7) Chloroethane-d5	1.89	69	104702	31.93	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	63.86%#
11) 1,1-Dichloroethene-d2	2.56	63	230202m	31.65	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.30%
21) 2-Butanone-d5	4.69	46	270395	83.03	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.03%
24) Chloroform-d	5.11	84	320029	42.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.88%
26) 1,2-Dichloroethane-d4	5.74	65	220670	44.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.04%
32) Benzene-d6	5.76	84	648669	42.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.98%
36) 1,2-Dichloropropane-d6	6.73	67	212823	42.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.74%
41) Toluene-d8	7.93	98	626865	43.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.84%
43) trans-1,3-Dichloropropene-	8.21	79	111569	41.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.44%
47) 2-Hexanone-d5	8.68	63	253403	99.61	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.61%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	336212	45.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.04%
64) 1,2-Dichlorobenzene-d4	12.22	152	262068	43.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Methyl Acetate	2.99	43	4129	0.876	ug/L	92
33) Benzene	5.81	78	212077	12.645	ug/L	100
34) Trichloroethene	6.57	95	4629	1.022	ug/L	94
35) Methylcyclohexane	6.79	83	10945	1.570	ug/L	92
42) Toluene	8.00	91	4119781	226.159	ug/L	100
52) Ethylbenzene	9.60	91	1913323	94.038	ug/L	98
53) m,p-Xylene	9.72	106	4803802	631.378	ug/L	98
54) o-xylene	10.13	106	2141489	281.939	ug/L	96
55) Styrene	10.15	104	2259156	183.390	ug/L	99
56) Isopropylbenzene	10.51	105	134430	6.896	ug/L	97

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

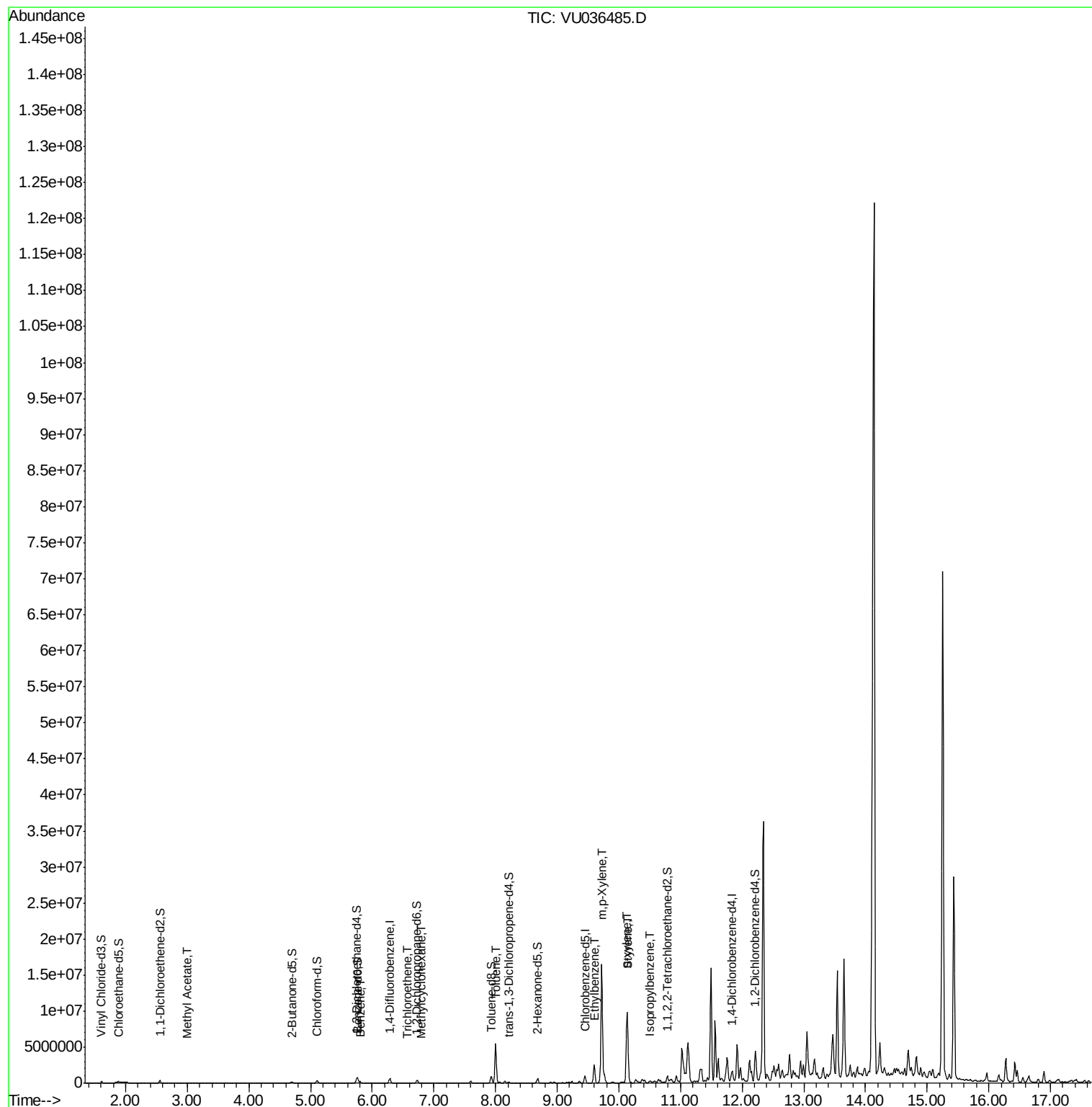
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU011520\
Data File : VU036485.D
Acq On : 15 Jan 2020 22:34
Operator : JC/MD
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Misc : 5.01G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

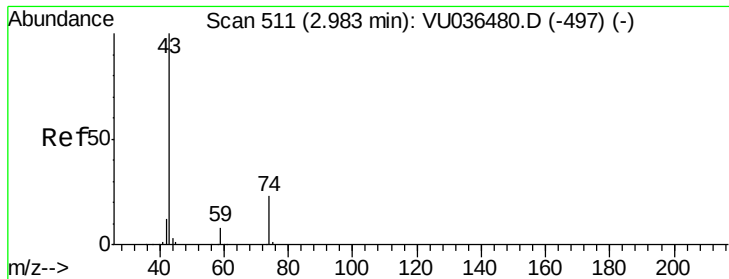
Instrument :
MSVOA_U
ClientSampleId :
GASK2

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Quant Time: Jan 16 20:33:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis
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Response via : Initial Calibration





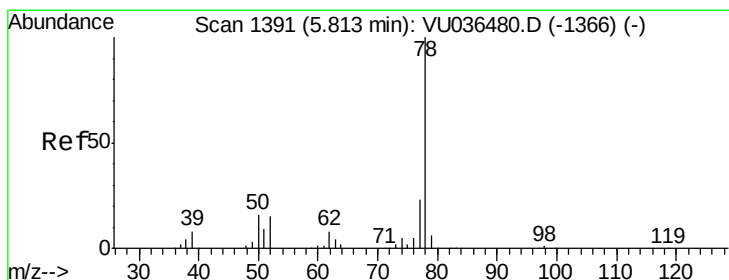
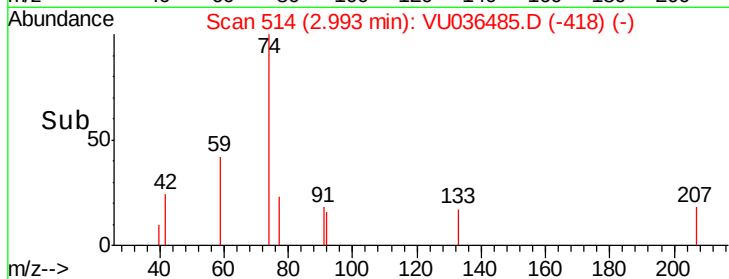
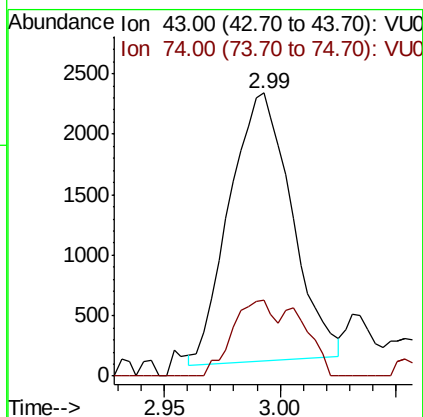
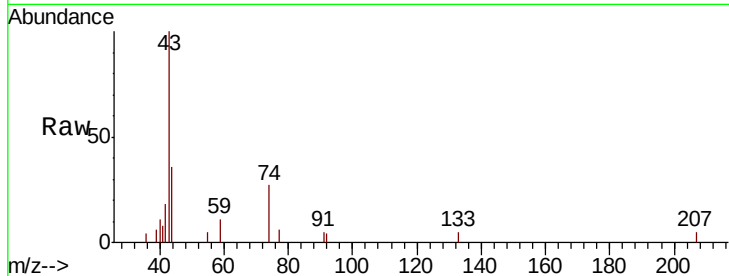
#15
Methvl Acetate
Concen: 0.876 ug/L
RT: 2.99 min Scan# 514
Delta R.T. 0.01 min
Lab File: VU036485.D
Acq: 15 Jan 2020 22:34

Instrument :
MSVOA_U
ClientSampled :
GASK2

Tot Ion: 43 Resp: 4129
Ion Ratio Lower Upper
43 100
74 19.6 19.0 28.4

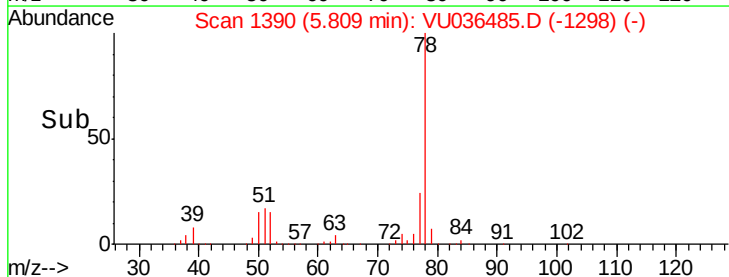
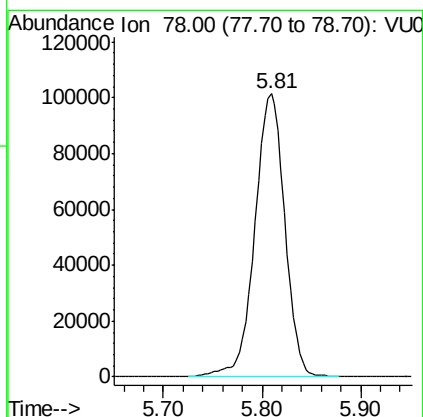
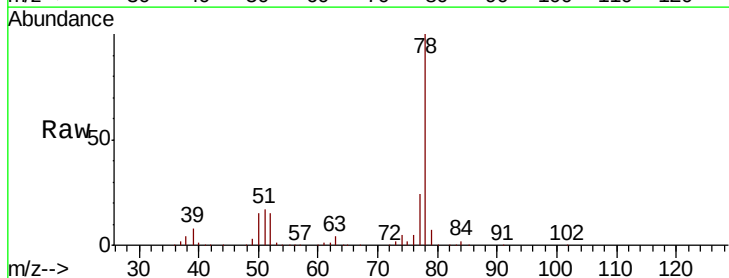
Manual Integrations
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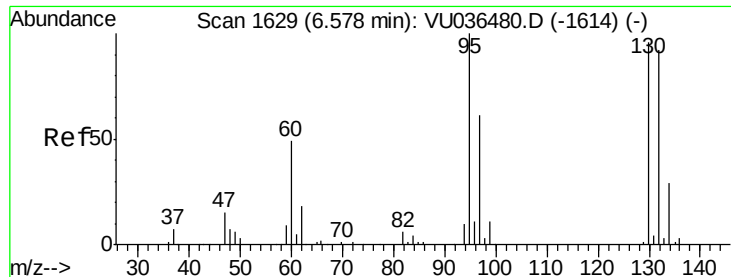
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#33
Benzene
Concen: 12.645 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU036485.D
Acq: 15 Jan 2020 22:34

Tgt Ion: 78 Resp: 212077





#34

Trichloroethene

Concen: 1.022 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VU036485.D

Acq: 15 Jan 2020 22:34

Instrument :

MSVOA_U

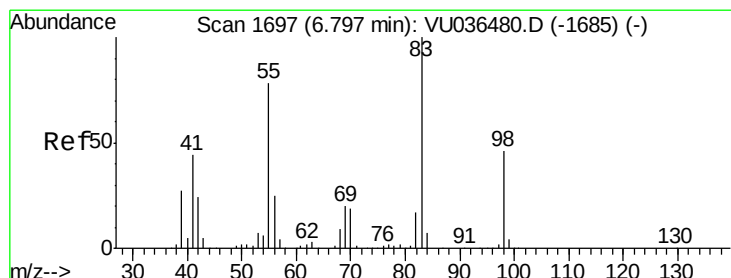
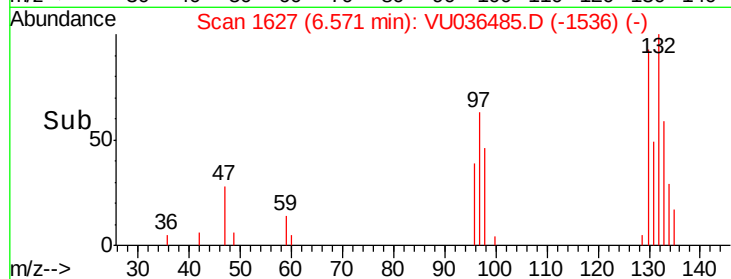
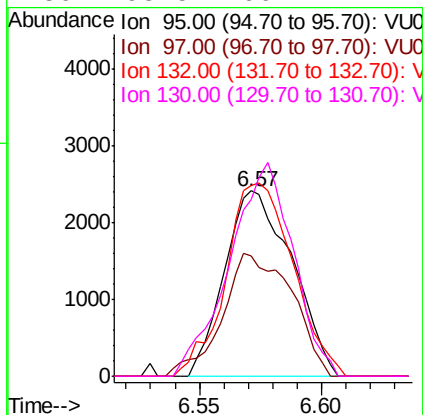
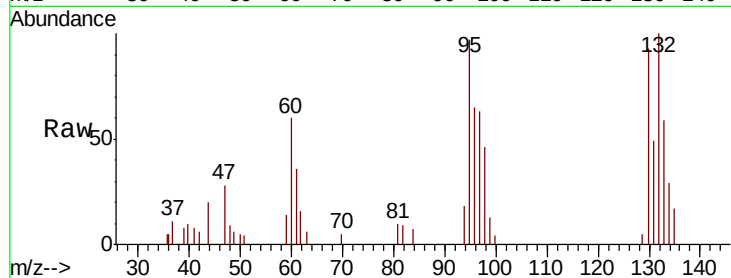
ClientSampled :

GASK2

Tot Ion:	95	Resp:	4629
Ion	Ratio	Lower	Upper
95	100		
97	65.1	44.2	82.2
132	103.1	62.8	116.6
130	95.5	66.1	122.7

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#35

Methylcyclohexane

Concen: 1.570 ug/L

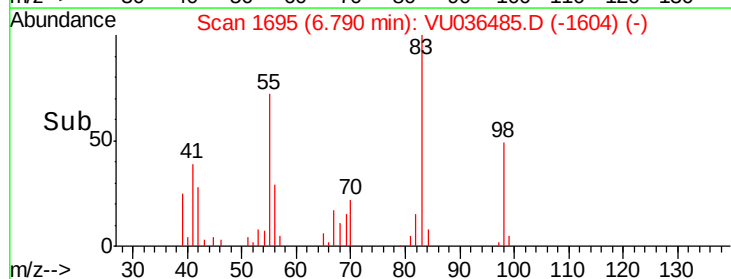
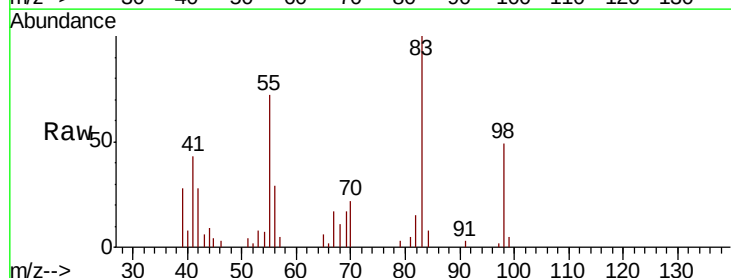
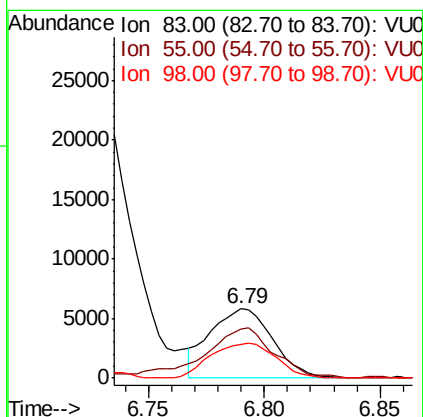
RT: 6.79 min Scan# 1695

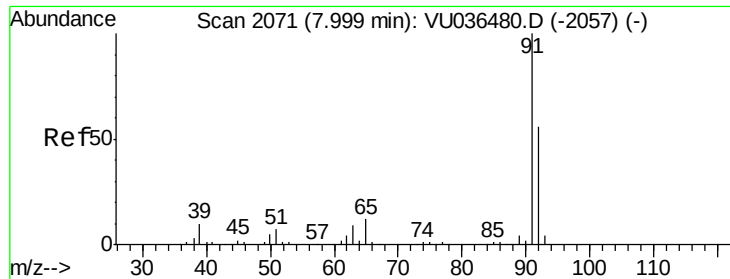
Delta R.T. -0.01 min

Lab File: VU036485.D

Acq: 15 Jan 2020 22:34

Tgt Ion:	83	Resp:	10945
Ion	Ratio	Lower	Upper
83	100		
55	80.9	59.9	89.9
98	52.3	36.4	54.6





#42

Toluene

Concen: 226.159 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VU036485.D

Acq: 15 Jan 2020 22:34

Instrument :

MSVOA_U

ClientSampled :

GASK2

Tot Ion: 91 Resp: 4119781

Ion Ratio Lower Upper

91 100

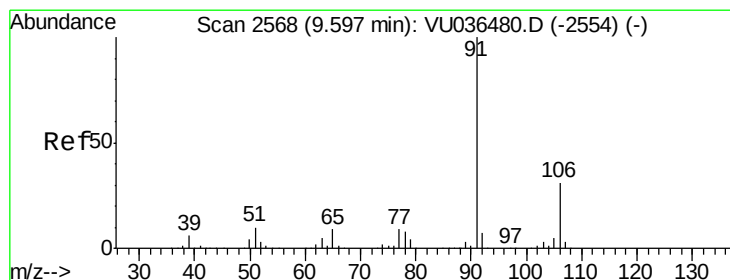
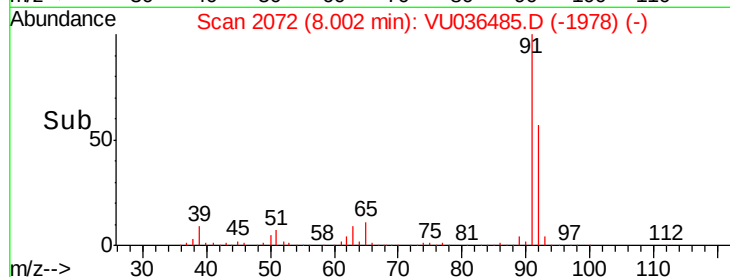
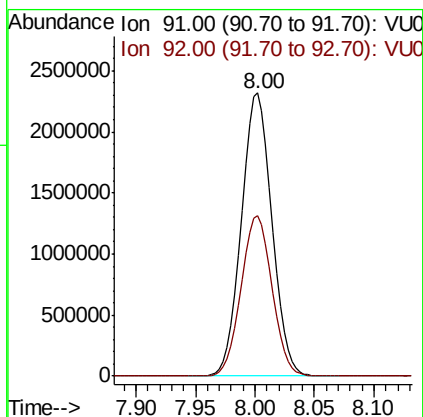
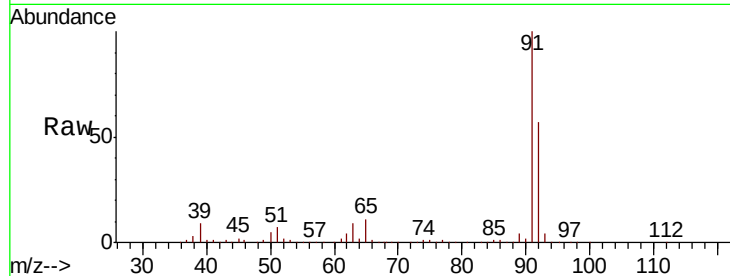
92 56.5 39.5 73.3

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#52

Ethylbenzene

Concen: 94.038 ug/L

RT: 9.60 min Scan# 2569

Delta R.T. 0.00 min

Lab File: VU036485.D

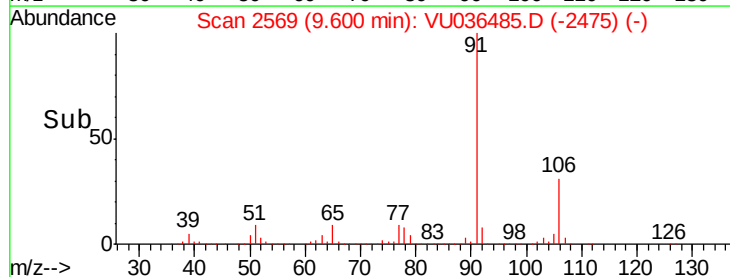
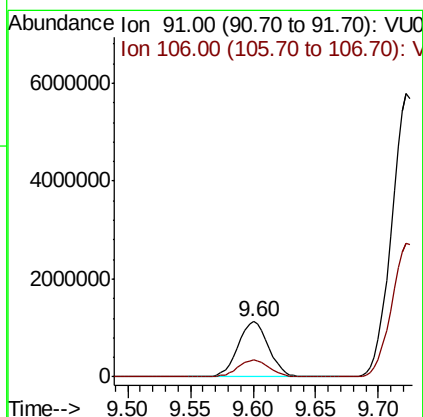
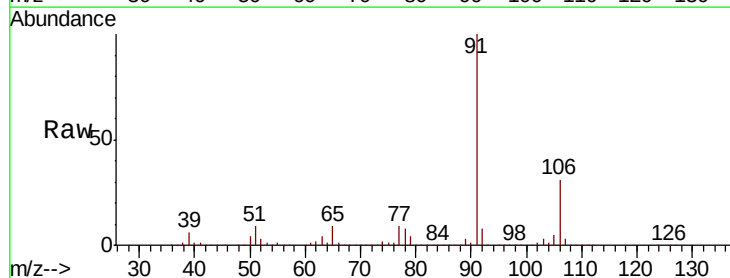
Acq: 15 Jan 2020 22:34

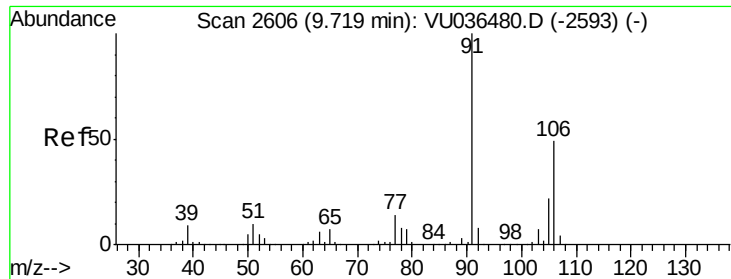
Tgt Ion: 91 Resp: 1913323

Ion Ratio Lower Upper

91 100

106 30.8 22.3 41.3





#53

m,p-Xylene

Concen: 631.378 ug/L

RT: 9.72 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VU036485.D

Acq: 15 Jan 2020 22:34

Instrument :

MSVOA_U

ClientSampled :

GASK2

Tot Ion:106 Resp: 4803802

Ion Ratio Lower Upper

106 100

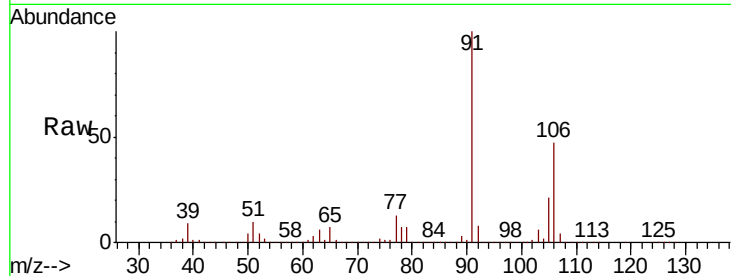
91 211.7 145.9 270.9

Manual Integrations

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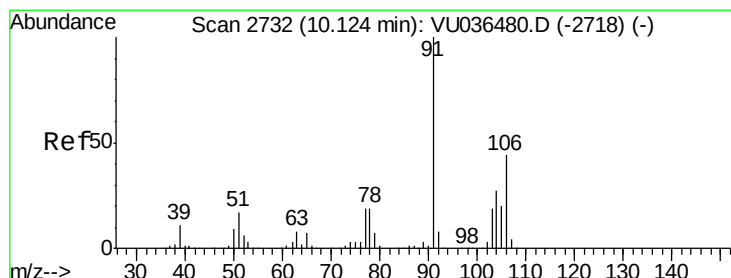
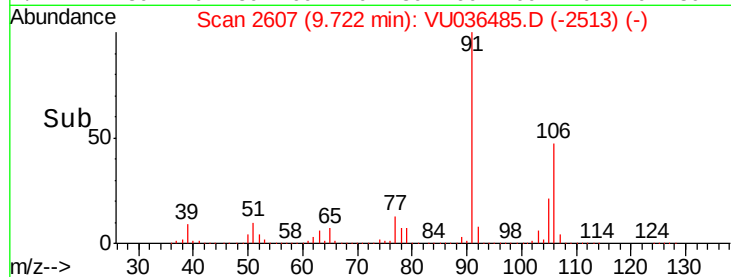
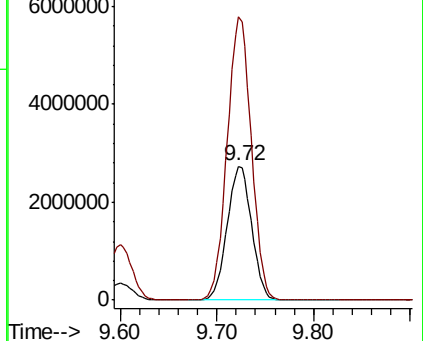
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 281.939 ug/L

RT: 10.13 min Scan# 2734

Delta R.T. 0.01 min

Lab File: VU036485.D

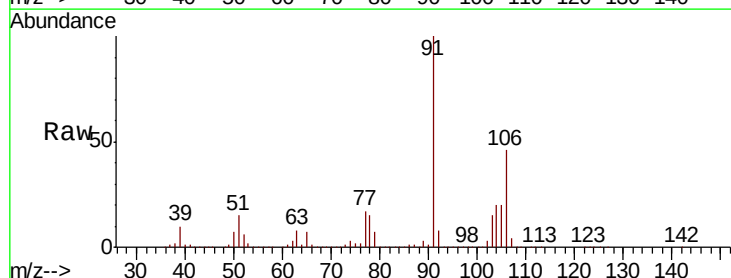
Acq: 15 Jan 2020 22:34

Tgt Ion:106 Resp: 2141489

Ion Ratio Lower Upper

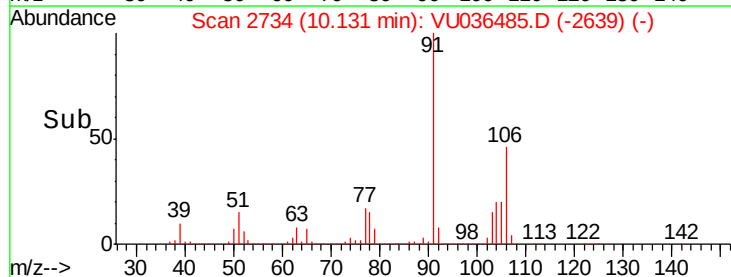
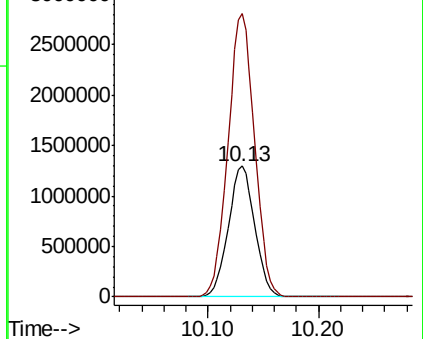
106 100

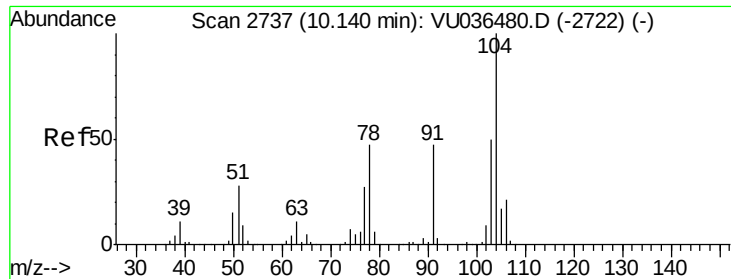
91 216.6 156.4 290.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#55

Stvrene

Concen: 183.390 ug/L

RT: 10.15 min Scan# 2739

Delta R.T. 0.01 min

Lab File: VU036485.D

Acq: 15 Jan 2020 22:34

Instrument :

MSVOA_U

ClientSampled :

GASK2

Tot Ion:104 Resp: 2259156

Ion Ratio Lower Upper

104 100

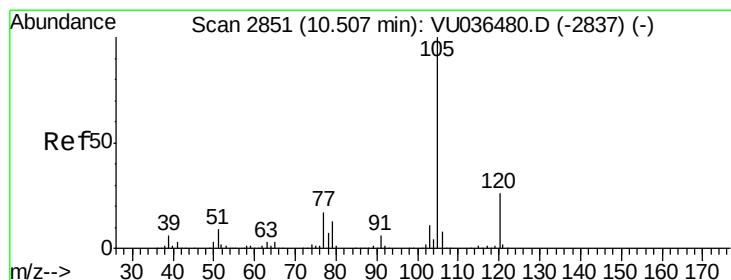
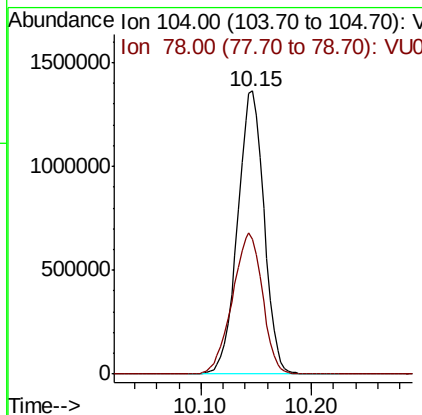
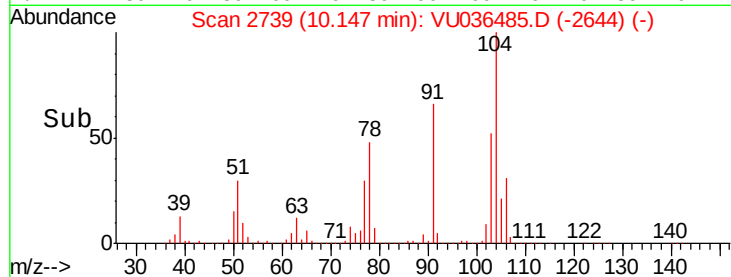
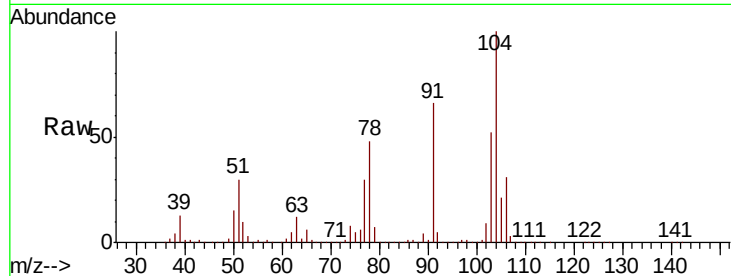
78 47.8 33.2 61.7

Manual Integrations

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#56

Isopropylbenzene

Concen: 6.896 ug/L

RT: 10.51 min Scan# 2852

Delta R.T. 0.00 min

Lab File: VU036485.D

Acq: 15 Jan 2020 22:34

Tgt Ion:105 Resp: 134430

Ion Ratio Lower Upper

105 100

120 26.6 21.5 32.3

77 19.7 13.4 20.2

