

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
 Data File : VU032864.D
 Acq On : 19 Jun 2019 17:41
 Operator : JC/SP
 Sample : K3413-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALG7

Manual Integrations
 APPROVED

MMDadoda
 6/20/2019 10:25:17 AM

Quant Time: Jun 20 08:12:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 20 07:24:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	124463	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	155359	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	93284	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	32055	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.68	69	35752	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.27	63	53656	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.18	46	120275	53.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.52%
24) Chloroform-d	4.64	84	70615	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.31	65	61822	8.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	163.20%#
32) Benzene-d6	5.34	84	145295	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.20%
36) 1,2-Dichloropropane-d6	6.33	67	48688	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.80%
41) Toluene-d8	7.59	98	176608	4.95	ug/L	0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	7.86	79	42155	8.29	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	165.80%#
46) 2-Hexanone-d5	8.31	63	144887	56.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	56385	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	86211	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
14) Carbon disulfide	2.47	76	9421m	0.372	ug/L	
27) 1,2-Dichloroethane	5.39	62	228413	22.276	ug/L #	81
30) Cyclohexane	4.99	56	3489422	174.393	ug/L	92
33) Benzene	5.38	78	20997561m	458.410	ug/L	
35) Methylcyclohexane	6.41	83	1558894	73.566	ug/L #	86
42) Toluene	7.63	91	73992762m	1449.409	ug/L	
52) Ethylbenzene	9.24	91	32620869m	579.820	ug/L	
53) m,p-Xylene	9.39	106	39049908m	1830.832	ug/L	
54) o-Xylene	9.79	106	27901449m	1310.721	ug/L	
56) Isopropylbenzene	10.17	105	2814350	50.122	ug/L	98

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

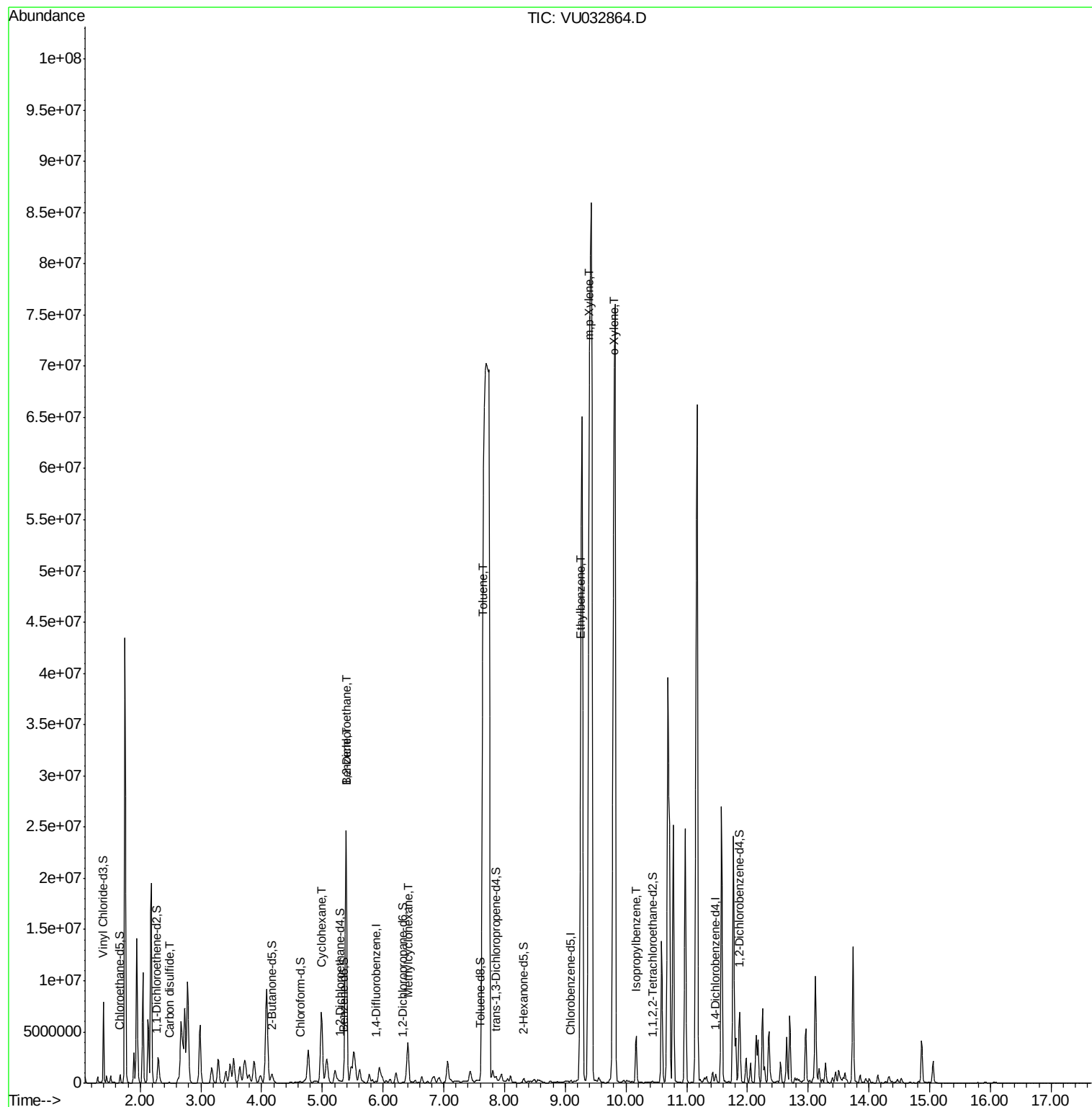
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
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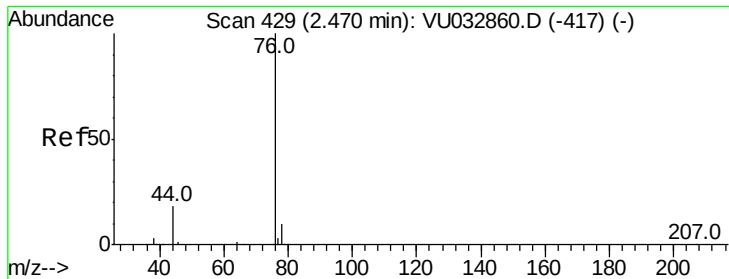
Instrument :
MSVOA_U
ClientSampleId :
GALG7

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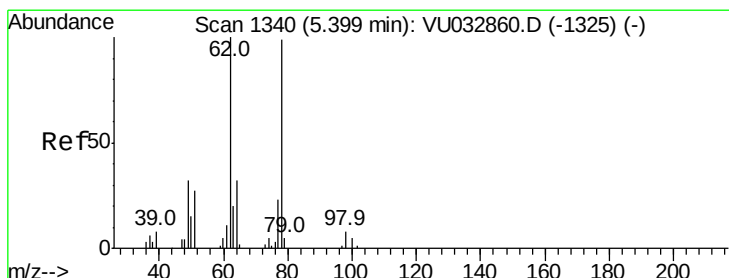
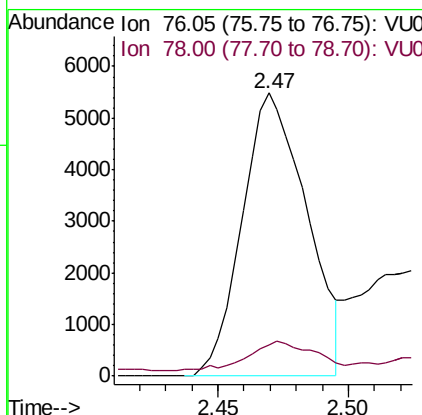
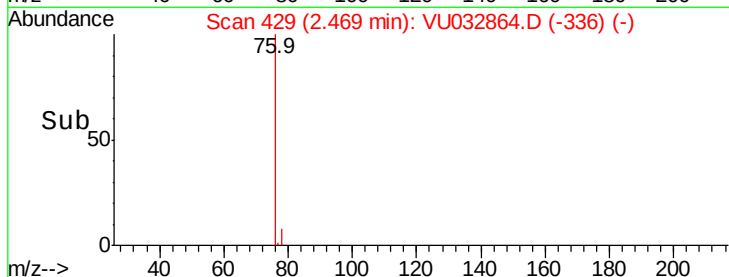
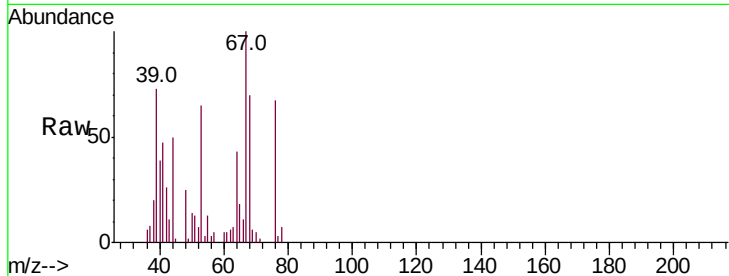
#14
Carbon disulfide
Concen: 0.372 ug/L m
RT: 2.47 min Scan# 429
Delta R.T. -0.00 min
Lab File: VU032864.D
Acq: 19 Jun 2019 17:41

Instrument :
MSVOA_U
ClientSampleId :
GALG7

Tot Ion: 76 Resp: 9421
Ion Ratio Lower Upper
76 100
78 11.2 7.3 10.9#

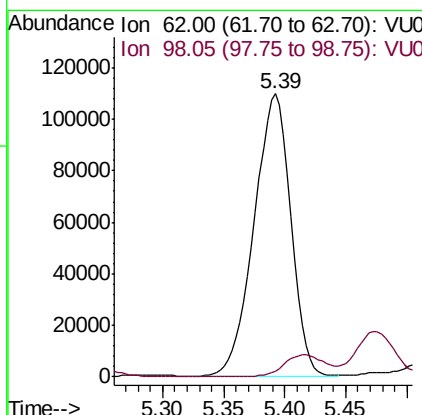
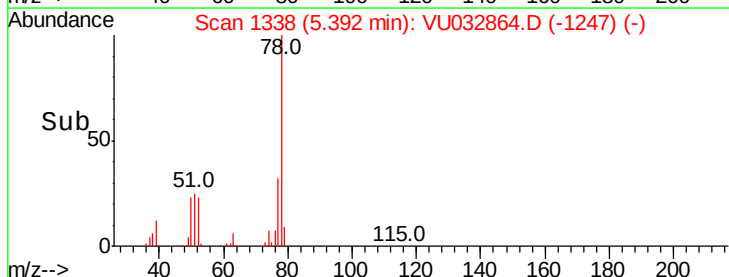
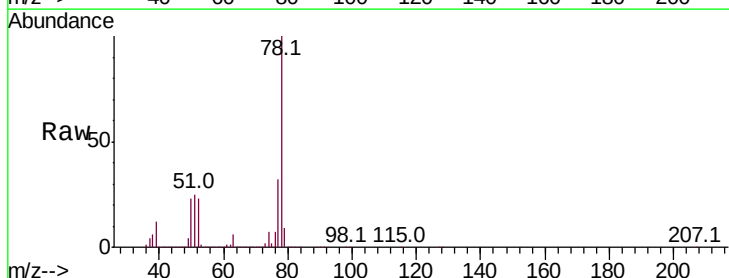
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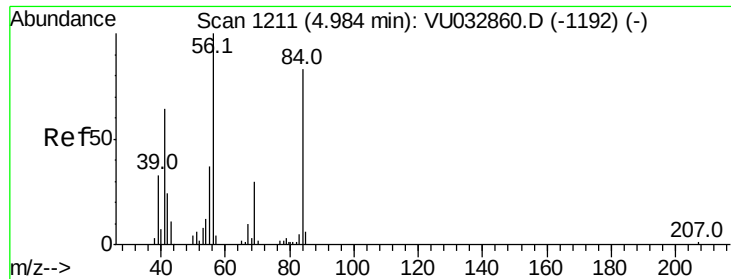
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#27
1,2-Dichloroethane
Concen: 22.276 ug/L
RT: 5.39 min Scan# 1338
Delta R.T. -0.01 min
Lab File: VU032864.D
Acq: 19 Jun 2019 17:41

Tgt Ion: 62 Resp: 228413
Ion Ratio Lower Upper
62 100
98 2.1 7.0 10.6#





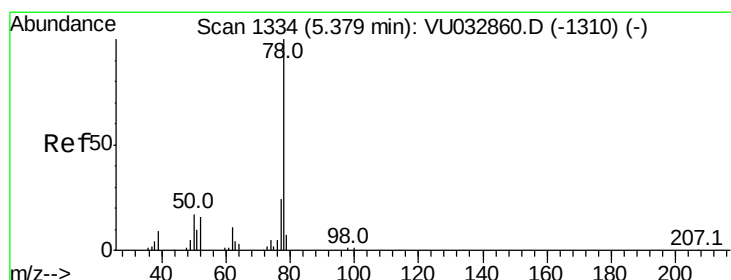
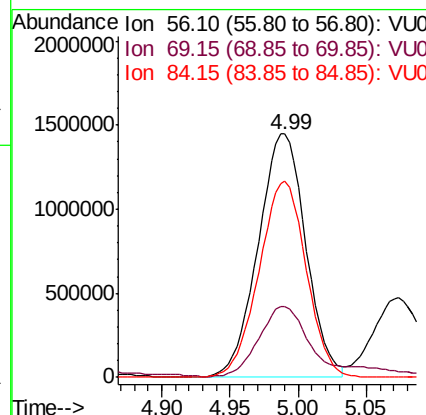
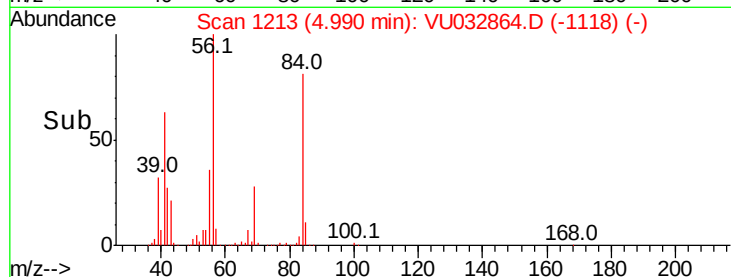
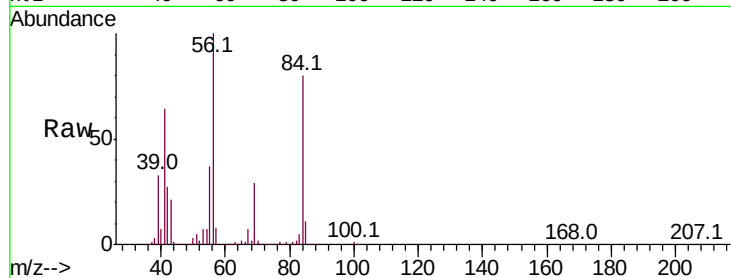
#30
Cyclohexane
Concen: 174.393 ug/L
RT: 4.99 min Scan# 1213
Delta R.T. 0.01 min
Lab File: VU032864.D
Acq: 19 Jun 2019 17:41

Instrument :
MSVOA_U
ClientSampleId :
GALG7

Tot Ion: 56 Resp: 3489422
Ion Ratio Lower Upper
56 100
69 35.7 24.9 37.3
84 80.5 70.2 105.2

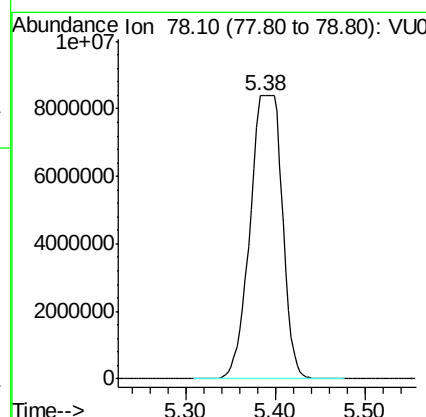
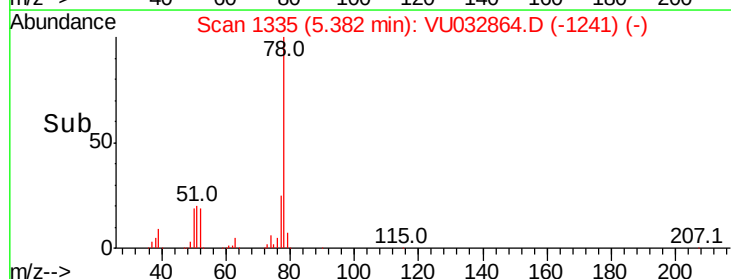
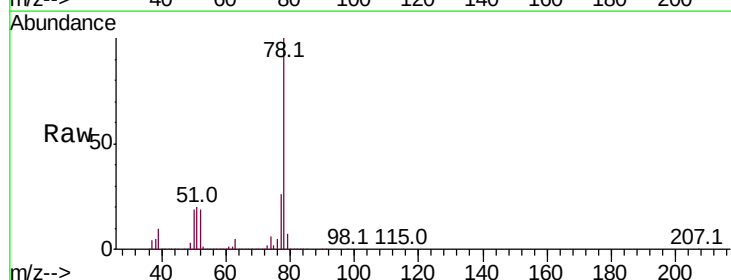
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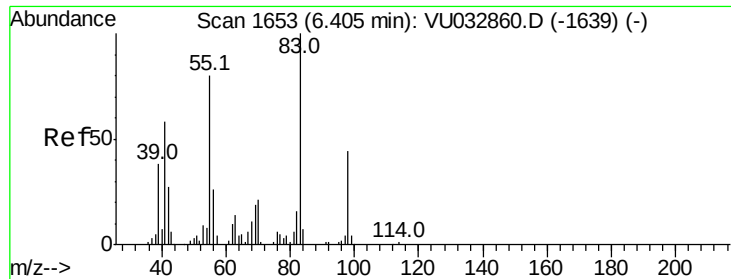
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#33
Benzene
Concen: 458.410 ug/L m
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU032864.D
Acq: 19 Jun 2019 17:41

Tgt Ion: 78 Resp:20997561





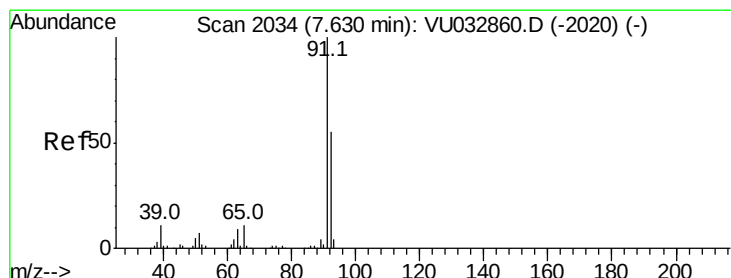
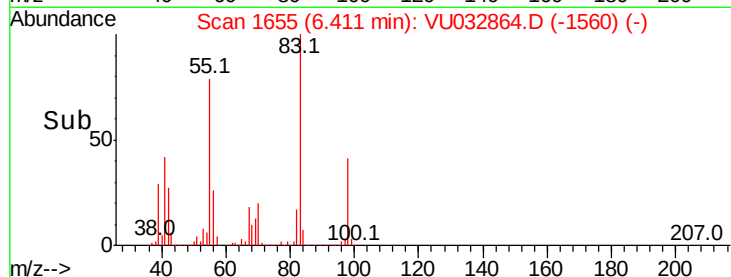
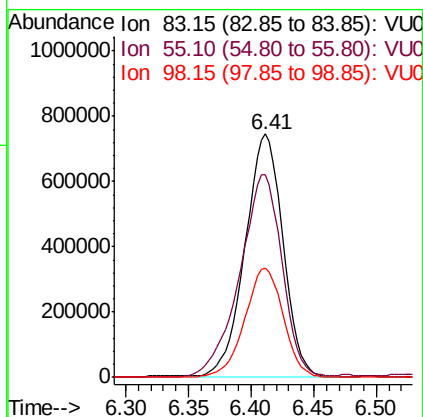
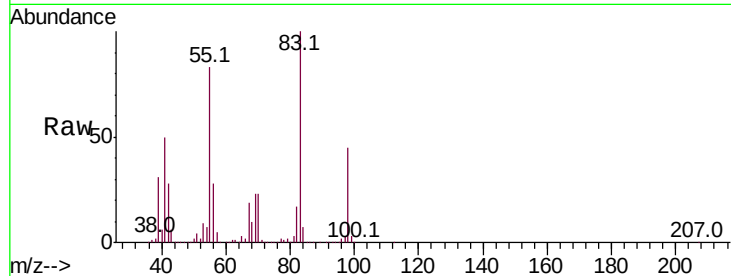
#35
Methylvlcyclohexane
Concen: 73.566 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. 0.01 min
Lab File: VU032864.D
Acq: 19 Jun 2019 17:41

Instrument :
MSVOA_U
ClientSampleId :
GALG7

Tot Ion: 83 Resp: 1558894
Ion Ratio Lower Upper
83 100
55 93.4 60.0 90.0#
98 45.9 37.8 56.8

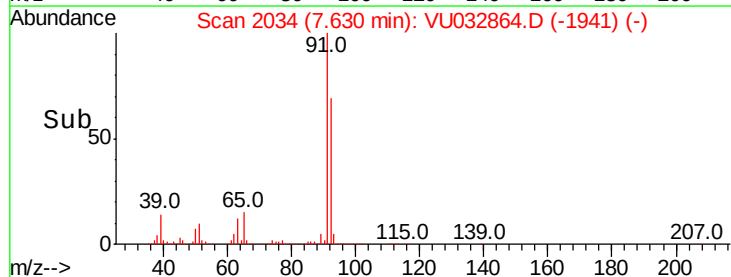
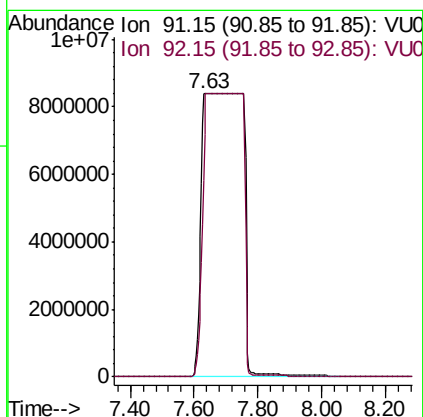
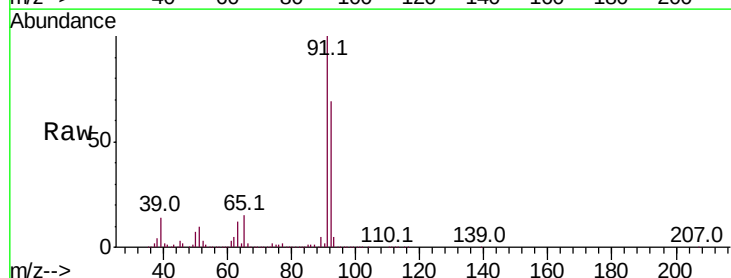
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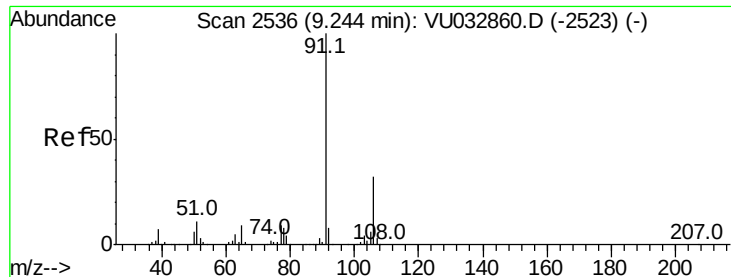
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#42
Toluene
Concen: 1449.409 ug/L m
RT: 7.63 min Scan# 2034
Delta R.T. -0.00 min
Lab File: VU032864.D
Acq: 19 Jun 2019 17:41

Tgt Ion: 91 Resp: 73992762
Ion Ratio Lower Upper
91 100
92 69.4 40.9 75.9





#52

Ethylbenzene

Concen: 579.820 ug/L m

RT: 9.24 min Scan# 2536

Delta R.T. -0.00 min

Lab File: VU032864.D

Acq: 19 Jun 2019 17:41

Instrument :

MSVOA_U

ClientSampleId :

GALG7

Tot Ion: 91 Resp: 32620869

Ion Ratio Lower Upper

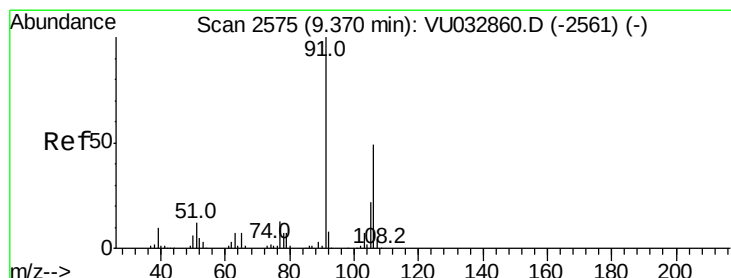
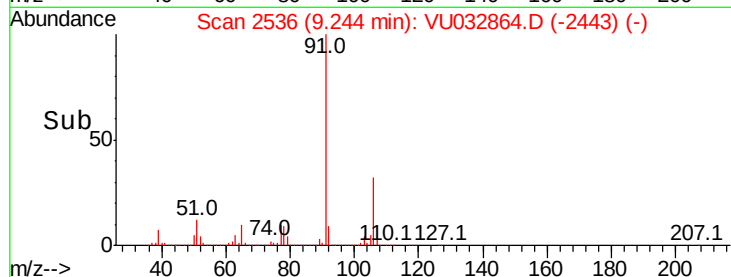
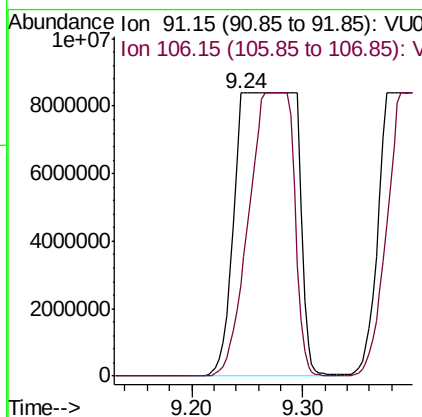
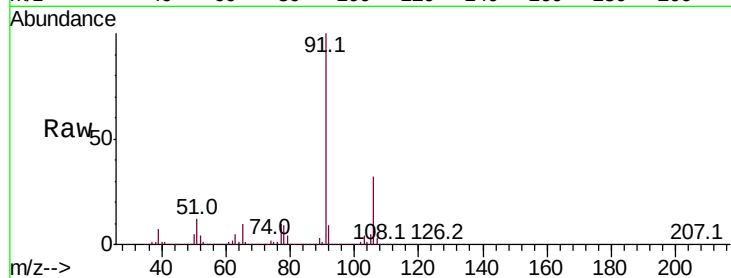
91 100

106 32.2 21.8 40.6

Manual Integrations
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#53

m,p-Xylene

Concen: 1830.832 ug/L m

RT: 9.39 min Scan# 2581

Delta R.T. 0.02 min

Lab File: VU032864.D

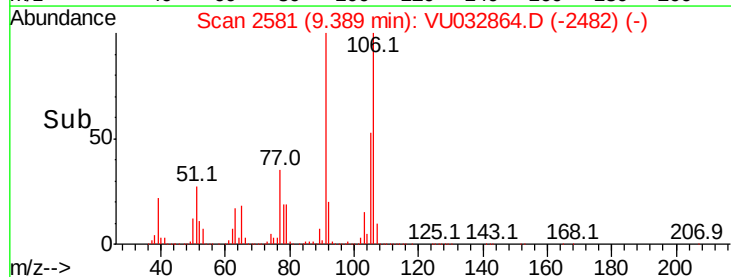
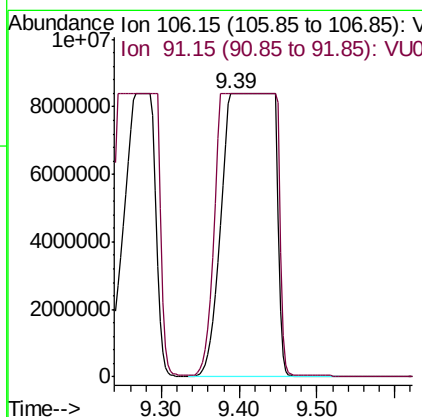
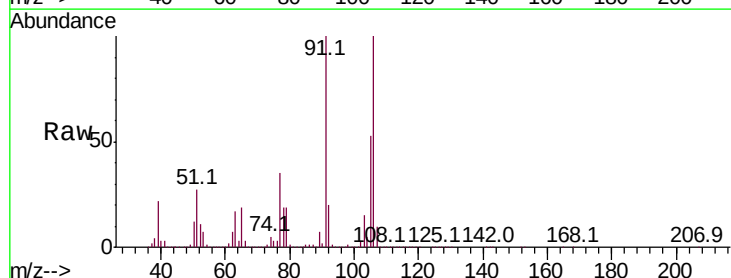
Acq: 19 Jun 2019 17:41

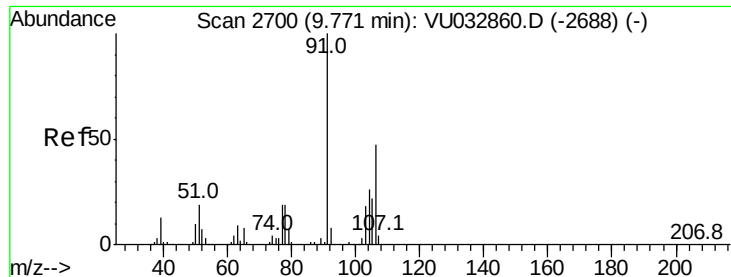
Tgt Ion: 106 Resp: 39049908

Ion Ratio Lower Upper

106 100

91 100.0 142.4 264.4#





#54

o-Xylene

Concen: 1310.721 ug/L m

RT: 9.79 min Scan# 2707

Delta R.T. 0.02 min

Lab File: VU032864.D

Acq: 19 Jun 2019 17:41

Instrument :

MSVOA_U

ClientSampleId :

GALG7

Tot Ion:106 Resp:27901449

Ion Ratio Lower Upper

106 100

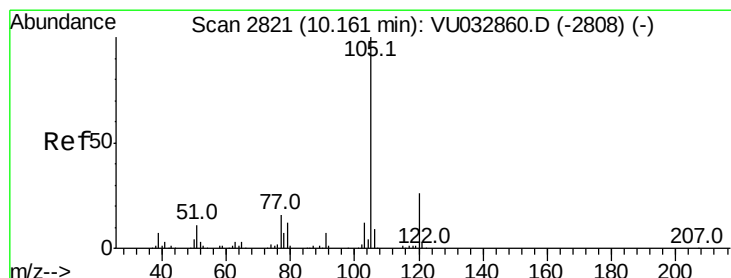
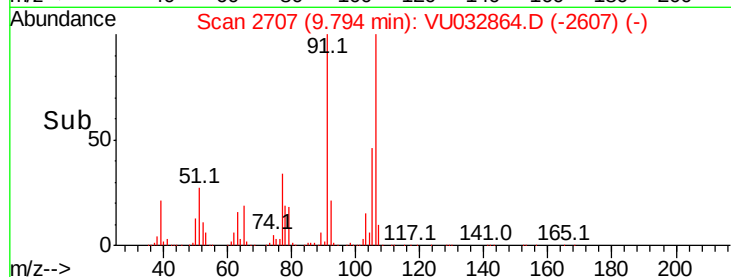
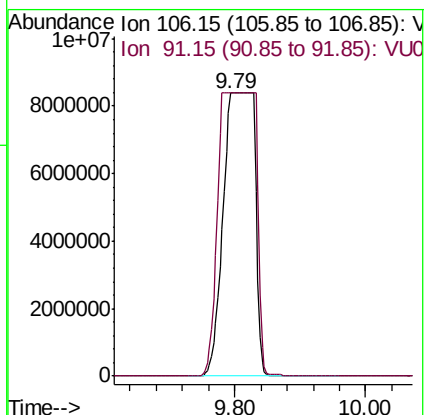
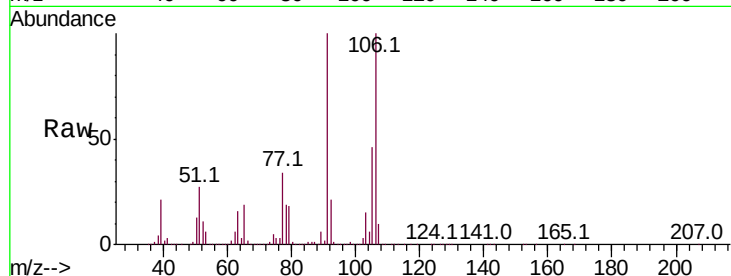
91 100.0 148.8 276.4#

Manual Integrations

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6/20/2019 10:25:17 AM



#56

Isopropylbenzene

Concen: 50.122 ug/L

RT: 10.17 min Scan# 2823

Delta R.T. 0.01 min

Lab File: VU032864.D

Acq: 19 Jun 2019 17:41

Tgt Ion:105 Resp: 2814350

Ion Ratio Lower Upper

105 100

120 26.2 21.6 32.4

77 16.3 12.3 18.5

