

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061719\
 Data File : VU032788.D
 Acq On : 17 Jun 2019 17:27
 Operator : JC/SP
 Sample : K3363-07ME
 Misc : 3.26g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JX0ME

Manual Integrations
 APPROVED

MMDadoda
 6/18/2019 11:28:01 AM

Quant Time: Jun 18 04:19:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 18 02:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	243592	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	235570	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	131063	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	61278	36.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.62%
7) Chloroethane-d5	1.64	69	35688m	26.88	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	53.76%#
11) 1,1-Dichloroethene-d2	2.23	63	102842m	30.67	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.34%
21) 2-Butanone-d5	4.19	46	114948	82.96	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.96%
24) Chloroform-d	4.64	84	128042	39.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.12%
26) 1,2-Dichloroethane-d4	5.30	65	89195	41.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.76%
32) Benzene-d6	5.32	84	254796	41.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.98%
36) 1,2-Dichloropropane-d6	6.32	67	82068	41.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.90%
41) Toluene-d8	7.56	98	237800	41.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.70%
43) trans-1,3-Dichloropropene-	7.85	79	41766	41.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.08%
47) 2-Hexanone-d5	8.32	63	79912	87.49	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.49%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	125596	41.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	105448	41.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.16%

Target Compounds

					Ovalue
15) Methyl Acetate	2.63	43	7548	3.479 ug/L	94
17) trans-1,2-Dichloroethene	2.96	96	49535	29.778 ug/L	99
20) cis-1,2-Dichloroethene	4.21	96	1663895	918.179 ug/L	97
34) Trichloroethene	6.18	95	3356893	1851.396 ug/L	97
42) Toluene	7.63	91	145306	19.790 ug/L	98
52) Ethylbenzene	9.25	91	12246	1.507 ug/L	97
53) m,p-Xylene	9.37	106	12039	3.926 ug/L	97
54) o-xylene	9.78	106	5244	1.751 ug/L	98

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

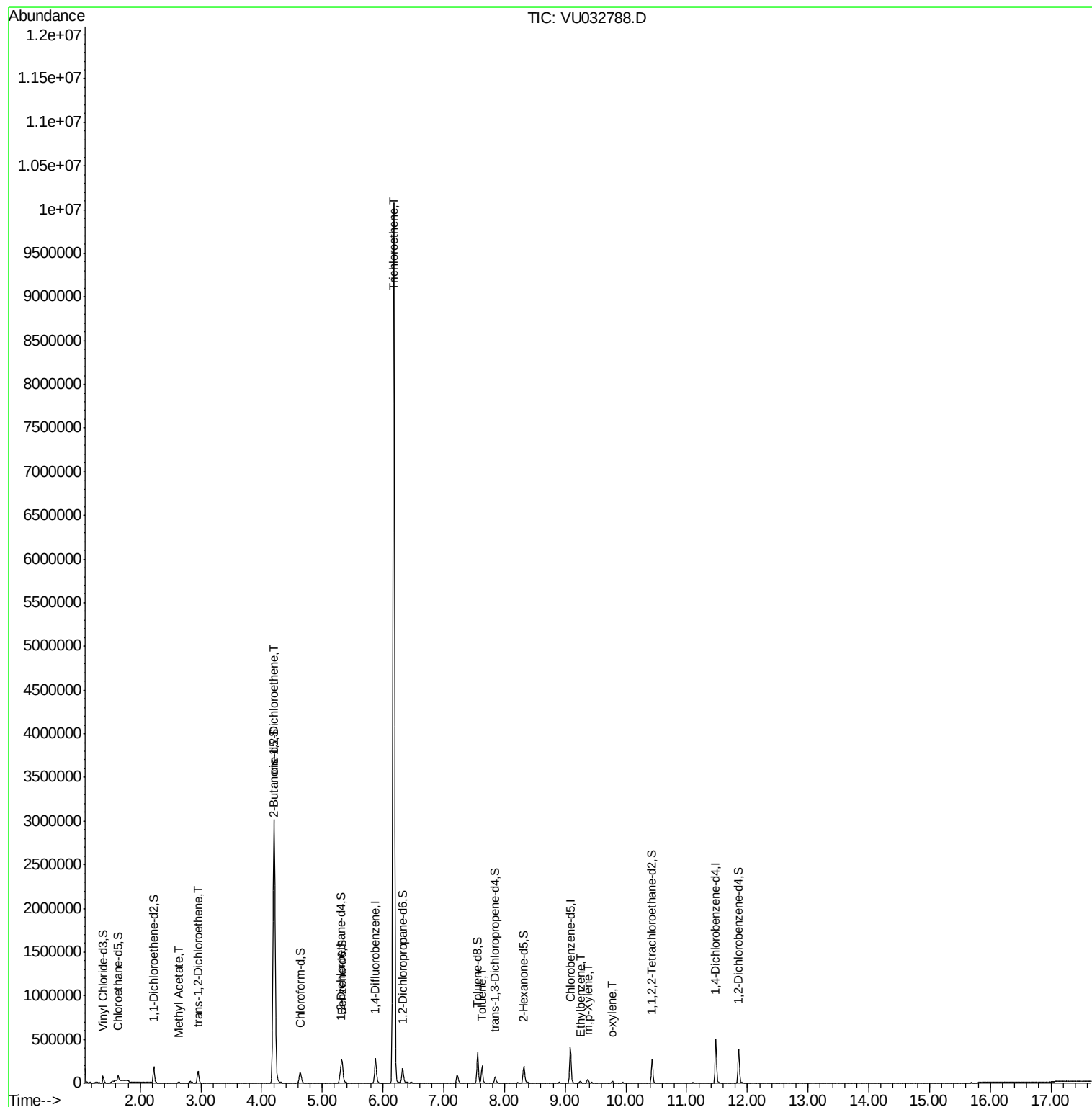
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU061719\
Data File : VU032788.D
Acq On : 17 Jun 2019 17:27
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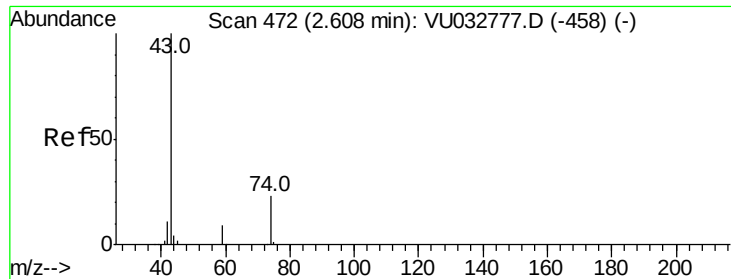
Instrument :
MSVOA_U
ClientSampleId :
C0JX0ME

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 18 02:39:23 2019
Response via : Initial Calibration





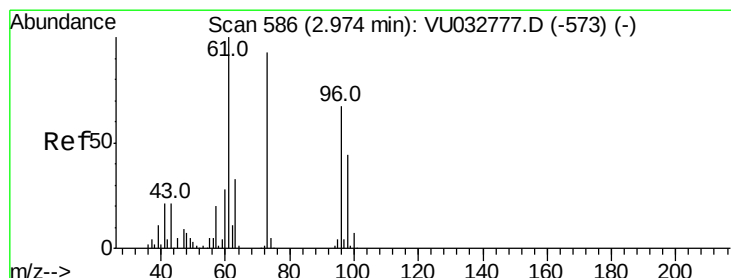
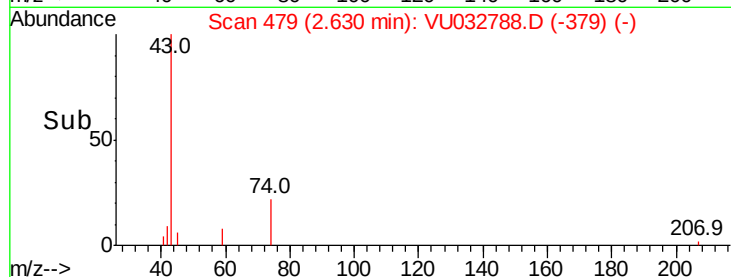
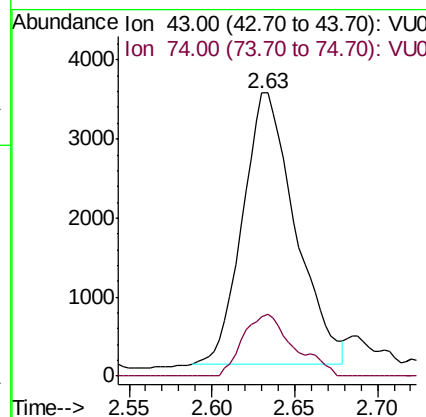
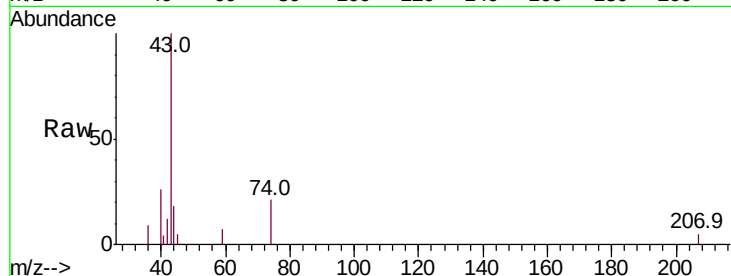
#15
Methyl Acetate
Concen: 3.479 ug/L
RT: 2.63 min Scan# 479
Delta R.T. 0.02 min
Lab File: VU032788.D
Acq: 17 Jun 2019 17:27

Instrument :
MSVOA_U
ClientSampleId :
C0JX0ME

Tot Ion: 43 Resp: 7548
Ion Ratio Lower Upper
43 100
74 19.7 18.1 27.1

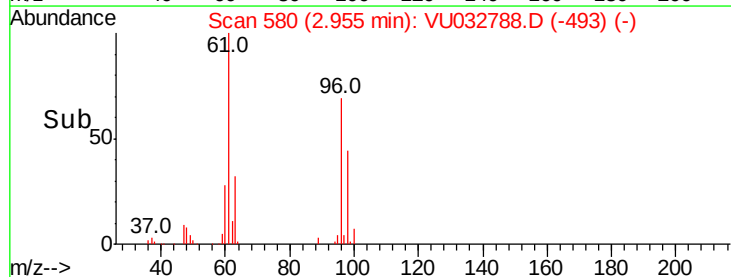
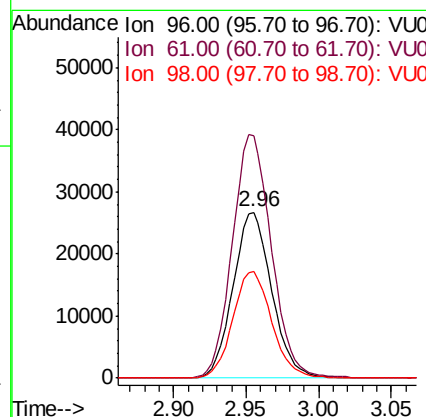
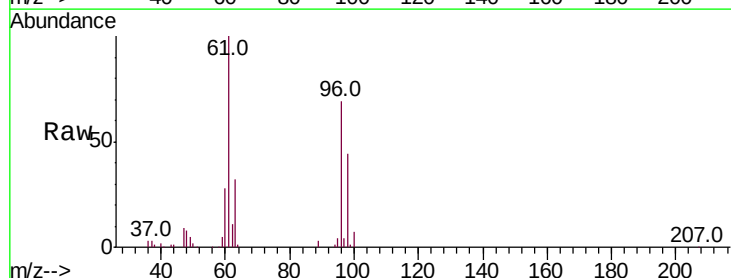
Manual Integrations
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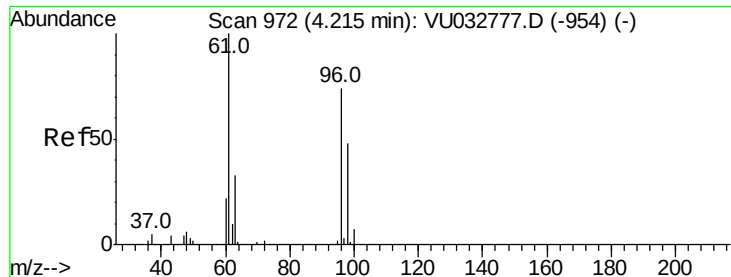
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#17
trans-1,2-Dichloroethene
Concen: 29.778 ug/L
RT: 2.96 min Scan# 580
Delta R.T. -0.02 min
Lab File: VU032788.D
Acq: 17 Jun 2019 17:27

Tgt Ion: 96 Resp: 49535
Ion Ratio Lower Upper
96 100
61 145.7 100.9 187.5
98 63.9 44.0 81.8





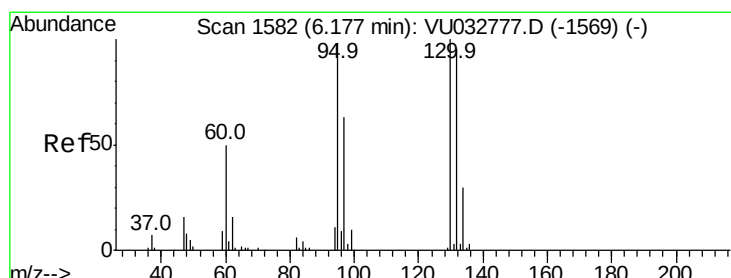
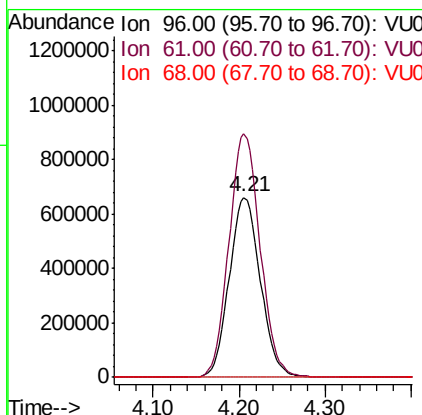
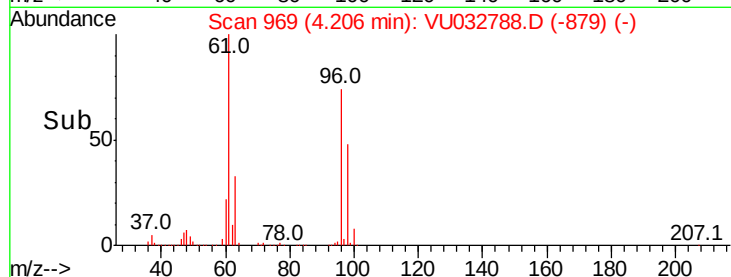
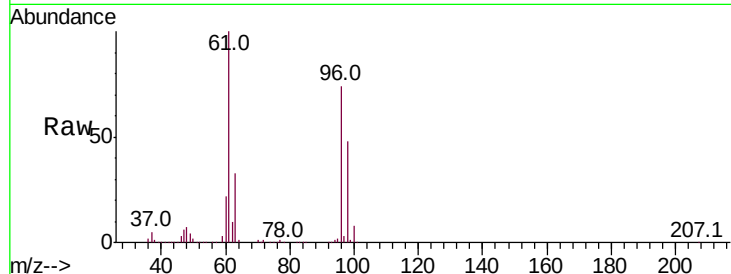
#20
cis-1,2-Dichloroethene
Concen: 918.179 ug/L
RT: 4.21 min Scan# 969
Delta R.T. -0.01 min
Lab File: VU032788.D
Acq: 17 Jun 2019 17:27

Instrument :
MSVOA_U
ClientSampleId :
C0JX0ME

Tot Ion: 96 Resp: 1663895
Ion Ratio Lower Upper
96 100
61 135.1 92.4 171.6
68 0.0 0.0 0.0

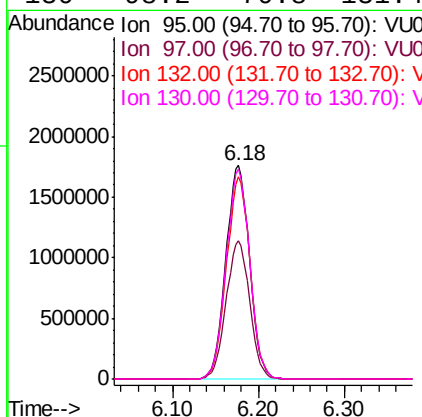
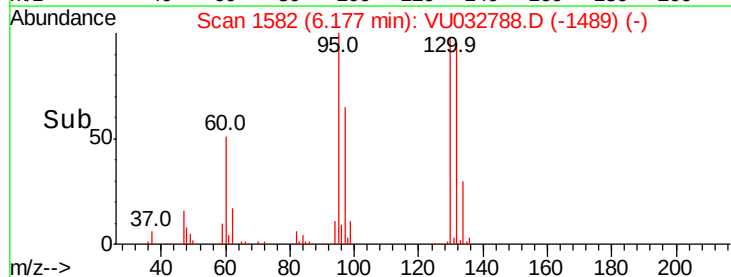
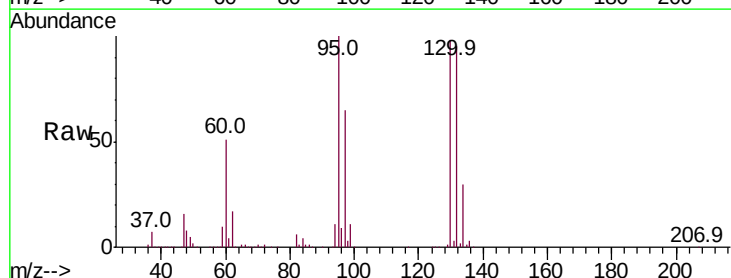
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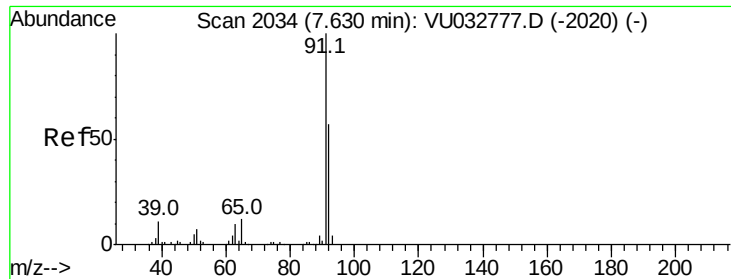
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#34
Trichloroethene
Concen: 1851.396 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VU032788.D
Acq: 17 Jun 2019 17:27

Tgt Ion: 95 Resp: 3356893
Ion Ratio Lower Upper
95 100
97 64.7 45.9 85.3
132 94.5 68.5 127.3
130 98.2 70.8 131.4





#42

Toluene

Concen: 19.790 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU032788.D

Acq: 17 Jun 2019 17:27

Instrument :

MSVOA_U

ClientSampleId :

C0JX0ME

Tot Ion: 91 Resp: 145306

Ion Ratio Lower Upper

91 100

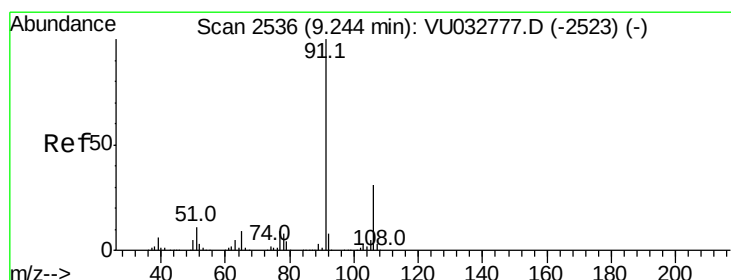
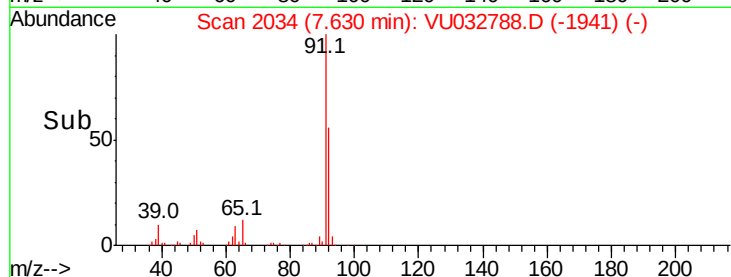
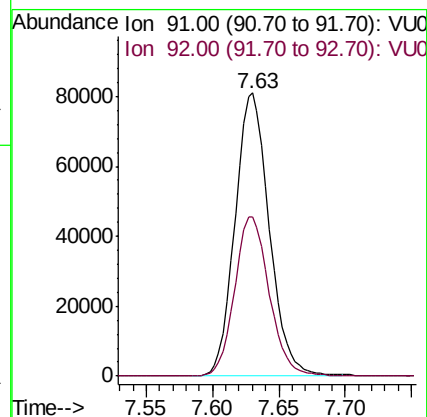
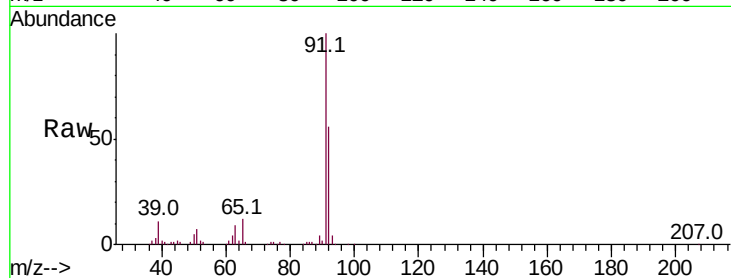
92 56.2 40.4 75.0

Manual Integrations

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#52

Ethylbenzene

Concen: 1.507 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

Lab File: VU032788.D

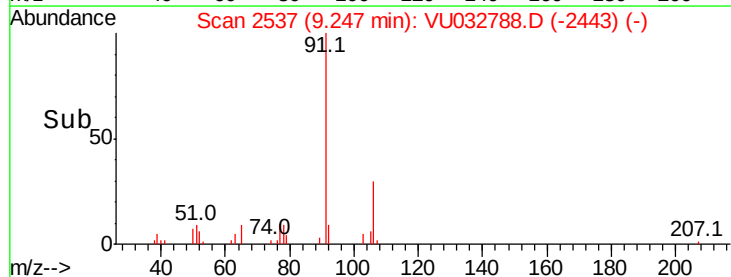
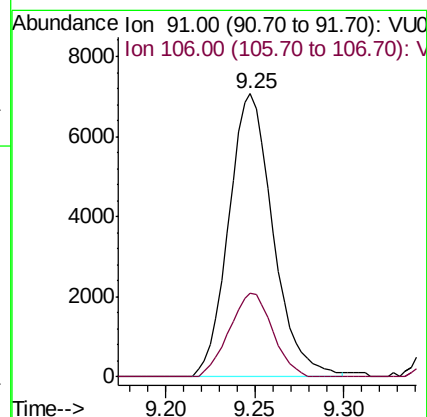
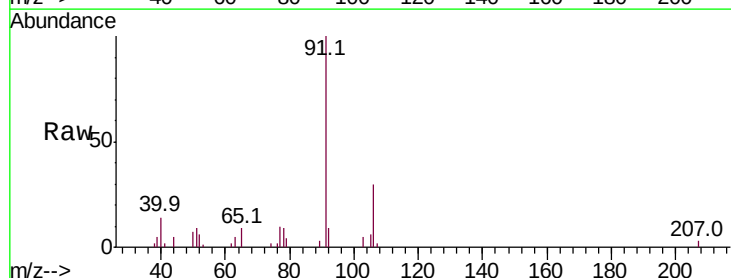
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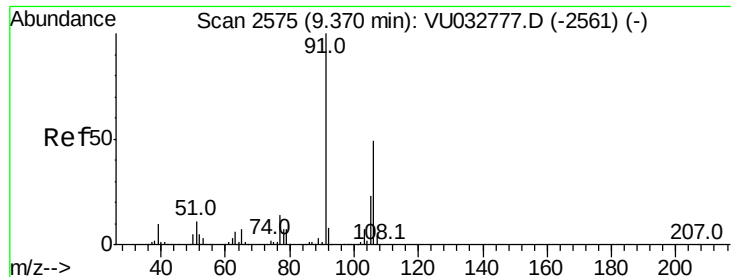
Tgt Ion: 91 Resp: 12246

Ion Ratio Lower Upper

91 100

106 29.7 21.8 40.4





#53

m,p-Xylene

Concen: 3.926 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU032788.D

Acq: 17 Jun 2019 17:27

Instrument :

MSVOA_U

ClientSampleId :

C0JX0ME

Tot Ion:106 Resp: 12039

Ion Ratio Lower Upper

106 100

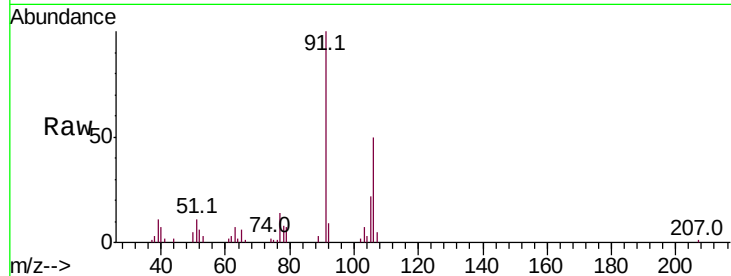
91 199.7 142.9 265.5

Manual Integrations

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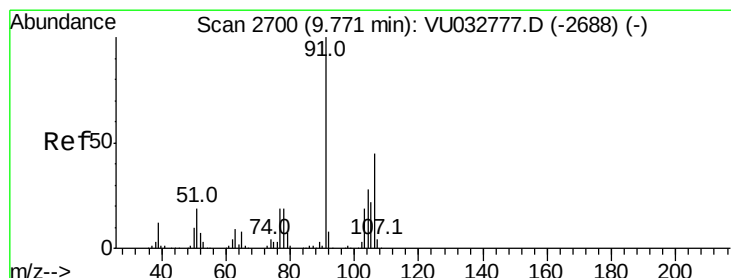
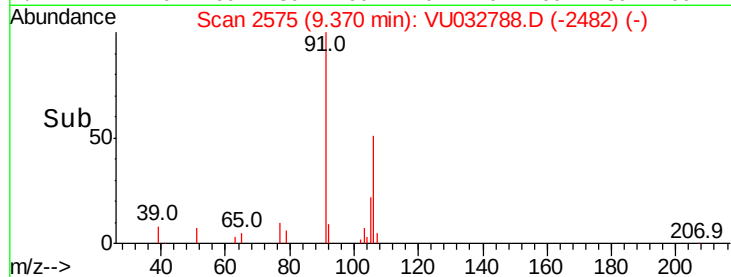
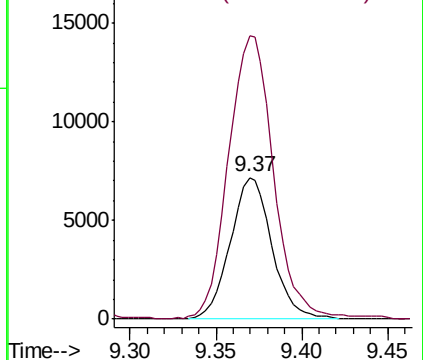
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 1.751 ug/L

RT: 9.78 min Scan# 2702

Delta R.T. 0.01 min

Lab File: VU032788.D

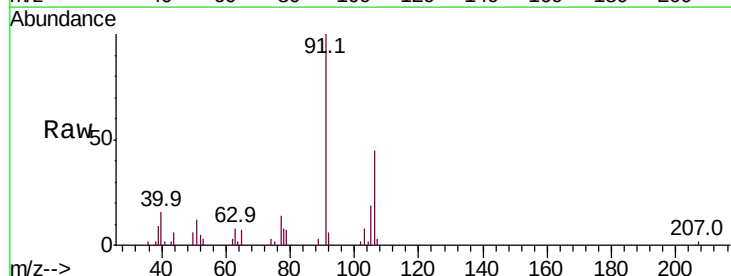
Acq: 17 Jun 2019 17:27

Tgt Ion:106 Resp: 5244

Ion Ratio Lower Upper

106 100

91 222.0 152.9 284.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

