

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012622\
 Data File : VU046844.D
 Acq On : 26 Jan 2022 14:36
 Operator : SY/MD
 Sample : N1260-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXX3

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/27/2022
 Supervised By : Mahesh Dadoda 01/27/2022

Quant Time: Jan 26 15:23:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 24 00:23:26 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	96794	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	105395	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	62724	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	36026	4.392	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.916	69	32257	4.992	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	2.572	65	15182	4.653	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	4.665	46	75677	31.145	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	62.300%
24) Chloroform-d	5.067	84	72434	5.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.707	65	39282	5.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.732	84	140677	4.541	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.694	67	44688	4.805	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.899	98	120056	4.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.182	79	16729	4.096	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.639	63	84288	34.852	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.700%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39482	4.228	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	50220	4.269	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						Qvalue
21) 2-Butanone	4.748	43	6830m	3.214	ug/L	
33) Benzene	5.777	78	7661	0.309	ug/L	100
34) Trichloroethene	6.543	95	2337	0.363	ug/L	# 69
42) Toluene	7.970	91	11109	0.375	ug/L	100
47) Tetrachloroethene	8.555	164	3932	0.750	ug/L	94
52) Ethylbenzene	9.568	91	3370	0.120	ug/L	95
53) m,p-Xylene	9.697	106	2371	0.211	ug/L	95
54) o-Xylene	10.099	106	1283	0.118	ug/L	81
63) 1,2,4-Trimethylbenzene	11.468	105	6977	0.283	ug/L	96

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

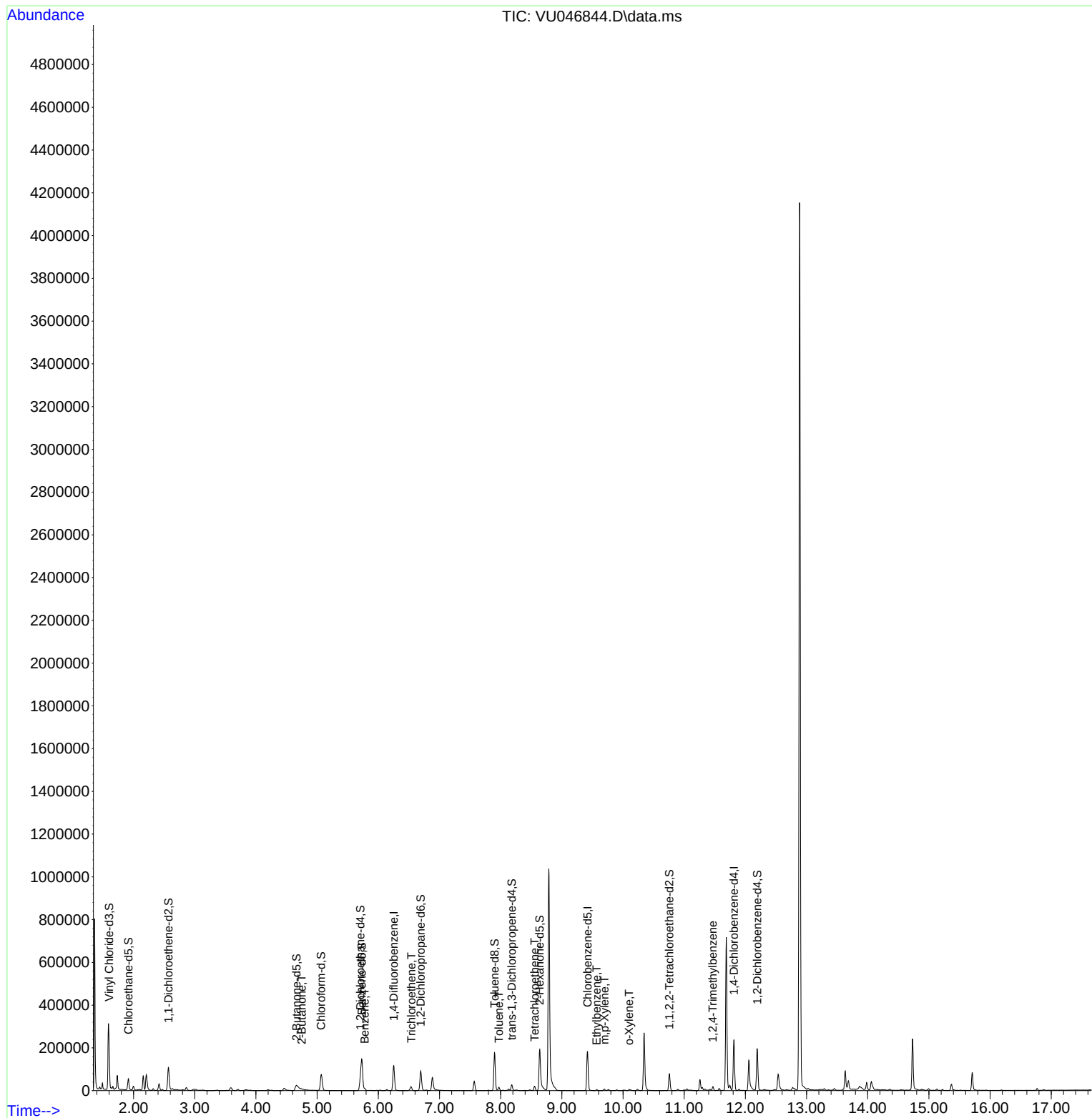
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012622\
Data File : VU046844.D
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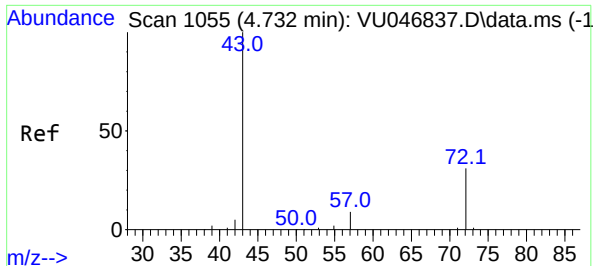
Instrument :
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jan 24 00:23:26 2022
Response via : Initial Calibration





#21

2-Butanone

Concen: 3.214 ug/L m

RT: 4.748 min Scan# 1055

Delta R.T. 0.013 min

Lab File: VU046844.D

Acq: 26 Jan 2022 14:36

Instrument :

MSVOA_U

ClientSampleId :

BFX3

Tgt Ion: 43 Resp: 6830

Ion Ratio Lower Upper

43 100

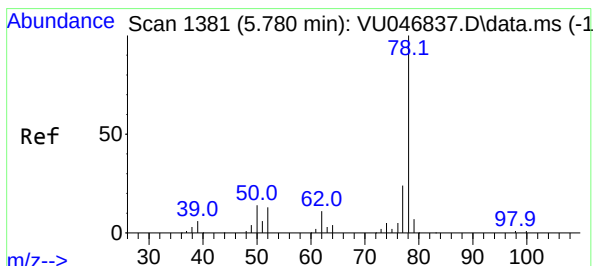
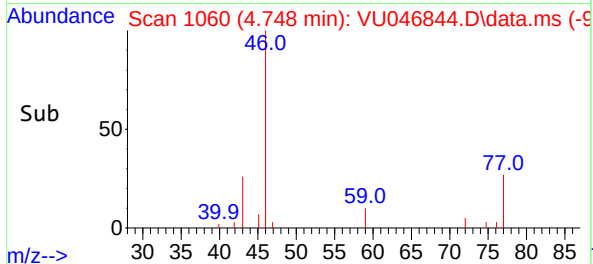
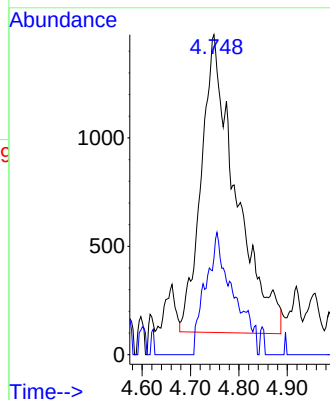
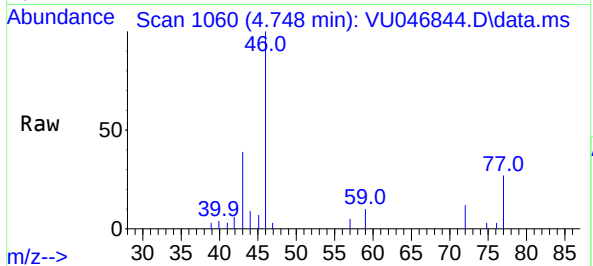
72 28.7 14.1 42.3

Manual Integrations

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#33

Benzene

Concen: 0.309 ug/L

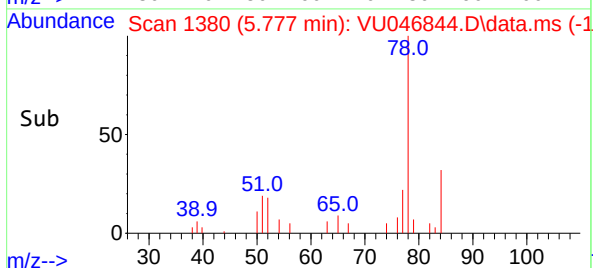
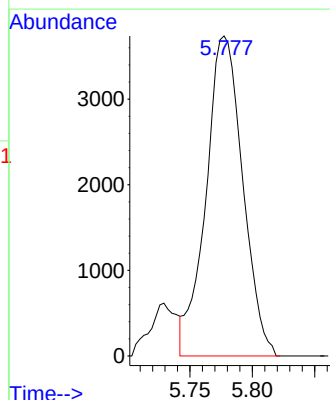
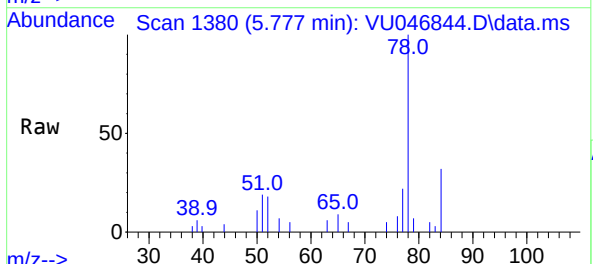
RT: 5.777 min Scan# 1380

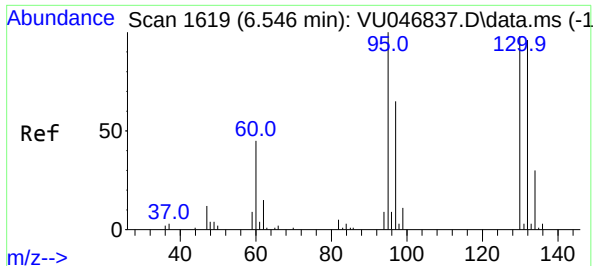
Delta R.T. -0.003 min

Lab File: VU046844.D

Acq: 26 Jan 2022 14:36

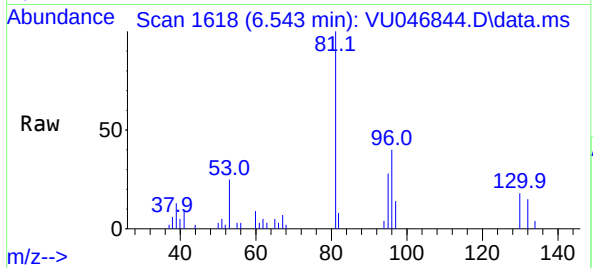
Tgt Ion: 78 Resp: 7661





#34
Trichloroethene
Concen: 0.363 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU046844.D
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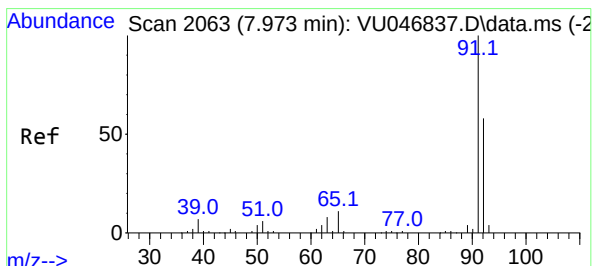
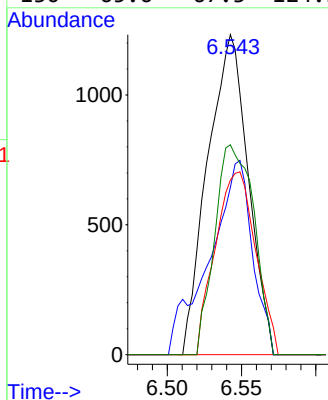
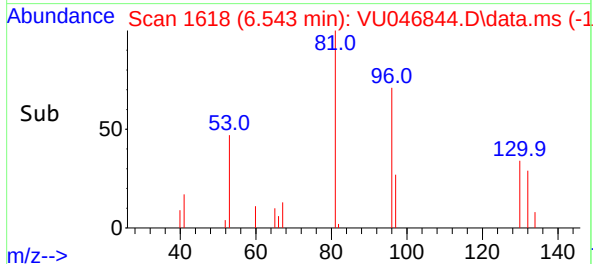
Instrument :
MSVOA_U
ClientSampleId :
BFX3



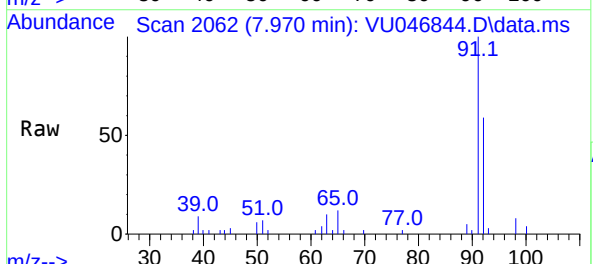
Tgt Ion: 95 Resp: 233
Ion Ratio Lower Upper
95 100
97 52.3 46.5 86.5
132 54.5 65.1 120.9
130 65.6 67.3 124.9

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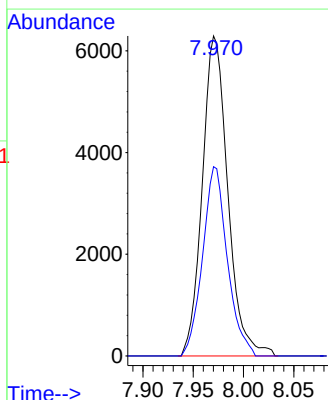
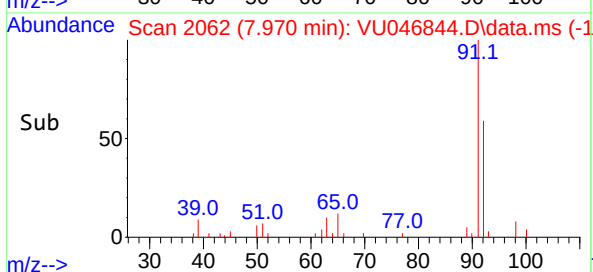
Reviewed By :John Carlone 01/27/2022
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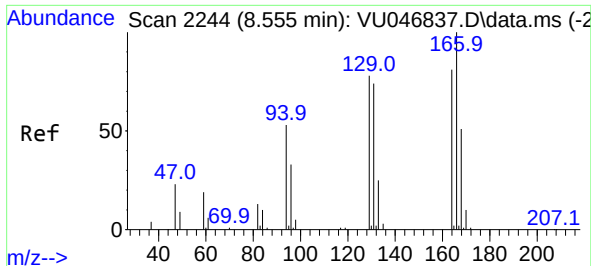


#42
Toluene
Concen: 0.375 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU046844.D
Acq: 26 Jan 2022 14:36



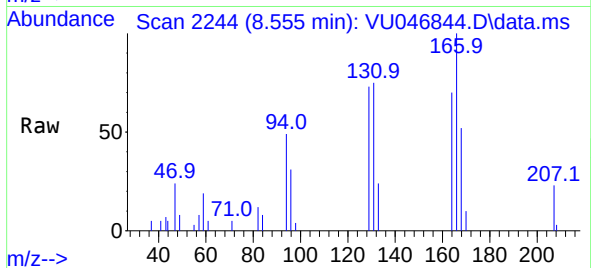
Tgt Ion: 91 Resp: 11109
Ion Ratio Lower Upper
91 100
92 59.2 41.3 76.7





#47
Tetrachloroethene
Concen: 0.750 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046844.D
Acq: 26 Jan 2022 14:36

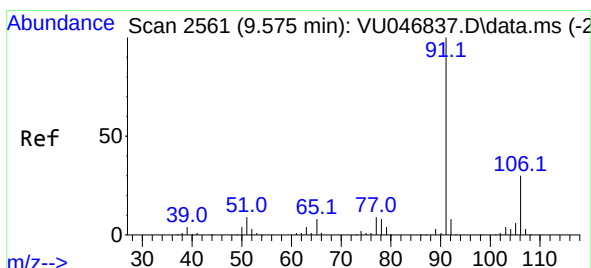
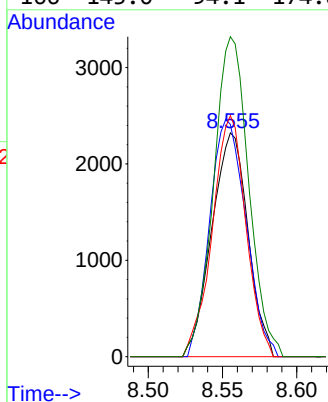
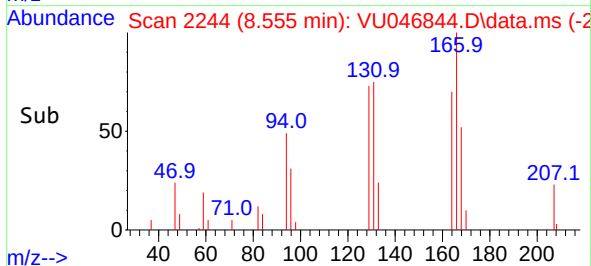
Instrument :
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BFXX3



Tgt Ion:164 Resp: 393
Ion Ratio Lower Upper
164 100
129 103.8 71.8 133.4
131 107.7 68.5 127.3
166 143.0 94.1 174.8

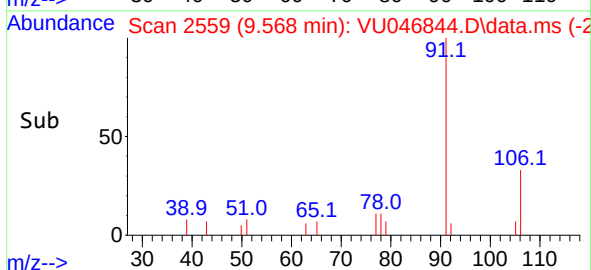
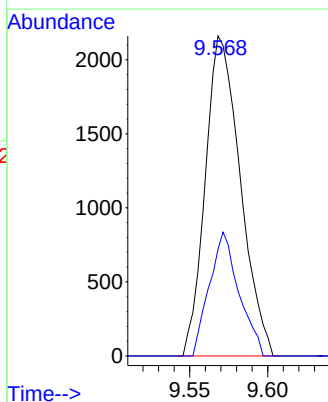
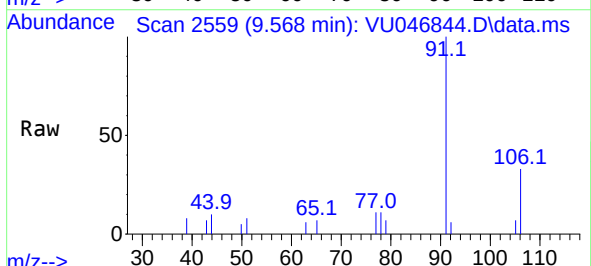
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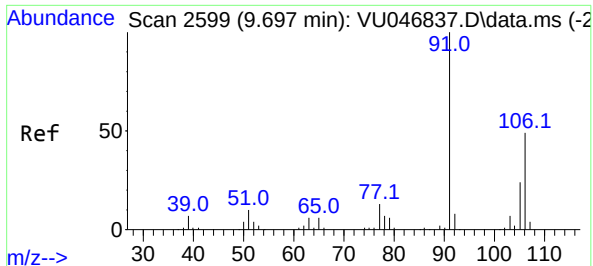
Reviewed By :John Carlone 01/27/2022
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#52
Ethylbenzene
Concen: 0.120 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.006 min
Lab File: VU046844.D
Acq: 26 Jan 2022 14:36

Tgt Ion: 91 Resp: 3370
Ion Ratio Lower Upper
91 100
106 33.4 21.5 39.9





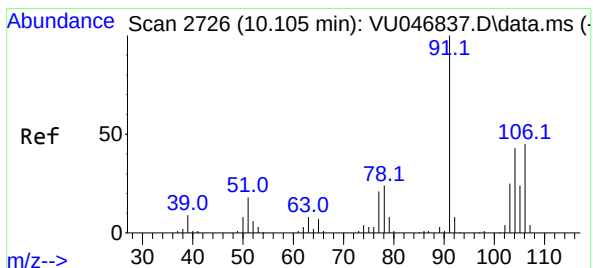
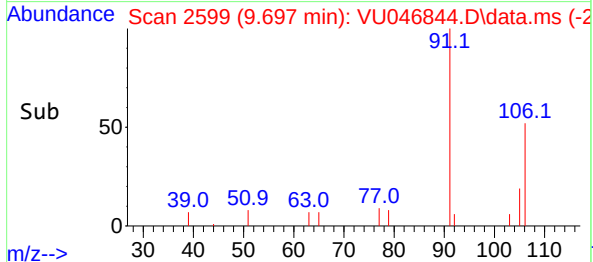
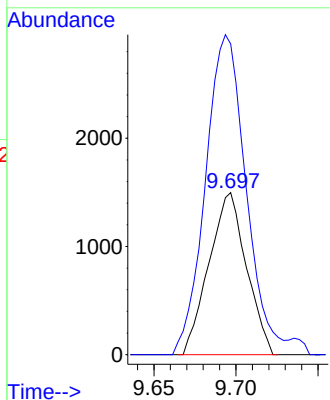
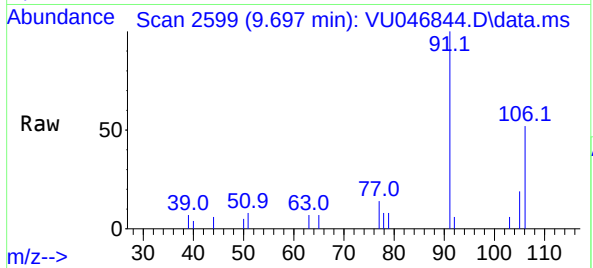
#53
m,p-Xylene
Concen: 0.211 ug/L
RT: 9.697 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046844.D
Acq: 26 Jan 2022 14:36

Instrument :
MSVOA_U
ClientSampleId :
BFXX3

Tgt Ion:106 Resp: 237
Ion Ratio Lower Upper
106 100
91 191.9 139.4 259.0

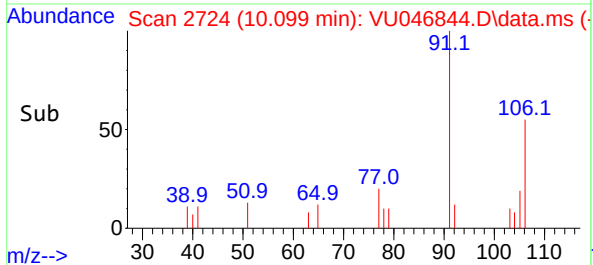
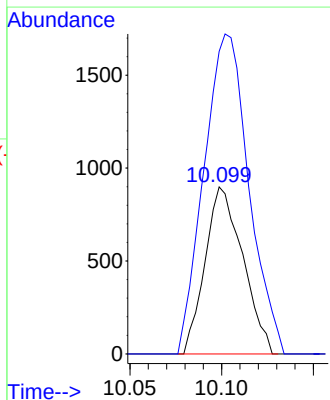
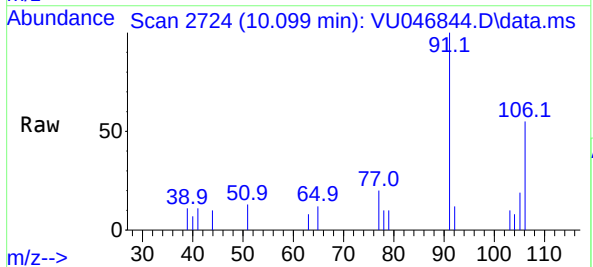
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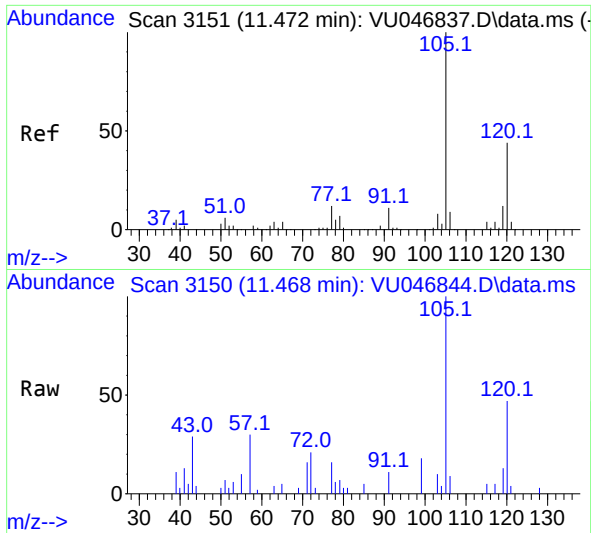
Reviewed By :John Carlone 01/27/2022
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#54
o-Xylene
Concen: 0.118 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VU046844.D
Acq: 26 Jan 2022 14:36

Tgt Ion:106 Resp: 1283
Ion Ratio Lower Upper
106 100
91 181.1 147.5 273.9





#63
1,2,4-Trimethylbenzene
Concen: 0.283 ug/L
RT: 11.468 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU046844.D
Acq: 26 Jan 2022 14:36

Instrument :
MSVOA_U
ClientSampleId :
BFX3

Tgt Ion:105 Resp: 697
Ion Ratio Lower Upper
105 100
120 42.5 35.8 53.8

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