

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011722\
 Data File : VU046770.D
 Acq On : 17 Jan 2022 17:27
 Operator : SY/MD
 Sample : N1155-01ME
 Misc : 5.79g/5.0mL/100uL/5.0mL//MSVOA_U/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGLT4ME

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/21/2022
 Supervised By : Mahesh Dadoda 01/21/2022

Quant Time: Jan 18 02:18:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 18 02:15:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	289133	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.430	117	280725	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.825	152	140749	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.601	65	66551m	26.377	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	52.760%#
7) Chloroethane-d5	1.967	69	47383m	25.280	ug/L	0.05
Spiked Amount	50.000	Range	70 - 130	Recovery	=	50.560%#
11) 1,1-Dichloroethene-d2	2.543	63	65619	15.291	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	30.580%#
21) 2-Butanone-d5	4.681	46	144482m	78.242	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.240%
24) Chloroform-d	5.083	84	140271	31.537	ug/L	0.02
Spiked Amount	50.000	Range	70 - 125	Recovery	=	63.080%#
26) 1,2-Dichloroethane-d4	5.713	65	94140	33.373	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.740%#
32) Benzene-d6	5.723	84	296260	33.817	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.640%#
36) 1,2-Dichloropropane-d6	6.697	67	91811	34.347	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	68.700%#
41) Toluene-d8	7.903	98	291845	37.264	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.520%#
43) trans-1,3-Dichloroprop...	8.189	79	47338	36.759	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.520%
47) 2-Hexanone-d5	8.703	63	128142	90.236	ug/L	0.07
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.240%
56) 1,1,2,2-Tetrachloroeth...	10.780	84	158674	38.328	ug/L	0.02
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.660%
66) 1,2-Dichlorobenzene-d4	12.205	152	111844	38.402	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.800%#

Target Compounds					Qvalue
13) Acetone	2.674	43	11364m	6.466	ug/L
22) 2-Butanone	4.752	43	29554m	14.752	ug/L
29) Cyclohexane	5.372	56	8450	2.832	ug/L 83
33) Benzene	5.771	78	92955	11.132	ug/L 100
35) Methylcyclohexane	6.758	83	16107	4.736	ug/L 93
42) Toluene	7.973	91	173292	19.678	ug/L 98
46) Tetrachloroethene	8.555	164	2300	1.384	ug/L 90
52) Ethylbenzene	9.581	91	860123	92.064	ug/L 100
53) m,p-Xylene	9.703	106	949061	263.028	ug/L 96
54) o-xylene	10.115	106	437908	126.918	ug/L 99
61) Isopropylbenzene	10.497	105	207995	24.192	ug/L 98
62) 1,3,5-Trimethylbenzene	11.102	105	990763	137.085	ug/L 99
63) 1,2,4-Trimethylbenzene	11.481	105	2998726	416.419	ug/L 99
67) 1,2-Dichlorobenzene	12.224	146	91024	21.016	ug/L # 91
70) 1,2,4-trichlorobenzene	13.844	180	58707	20.808	ug/L # 78

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

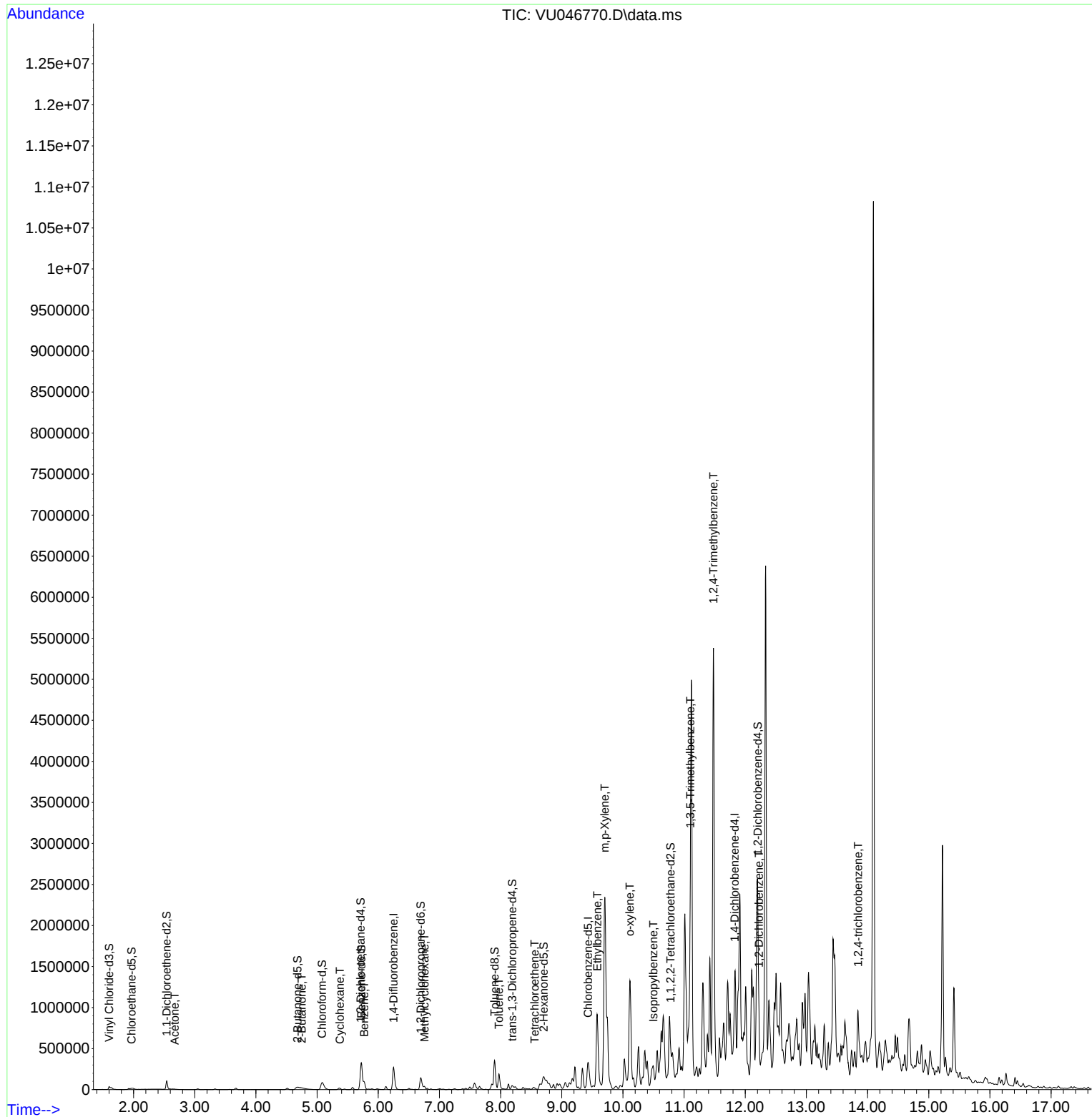
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011722\
Data File : VU046770.D
Acq On : 17 Jan 2022 17:27
Operator : SY/MD
Sample : N1155-01ME
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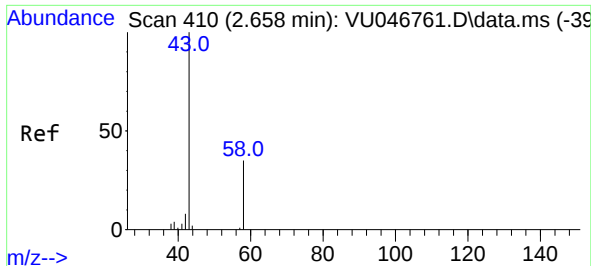
Instrument :
MSVOA_U
ClientSampleId :
BGLT4ME

Quant Time: Jan 18 02:18:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 18 02:15:56 2022
Response via : Initial Calibration

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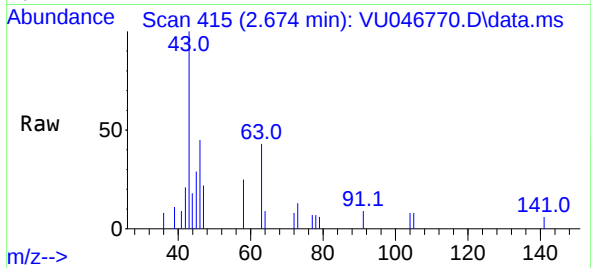
Reviewed By : John Carlone 01/21/2022
Supervised By : Mahesh Dadoda 01/21/2022





#13
Acetone
Concen: 6.466 ug/L m
RT: 2.674 min Scan# 41
Delta R.T. 0.016 min
Lab File: VU046770.D
Acq: 17 Jan 2022 17:27

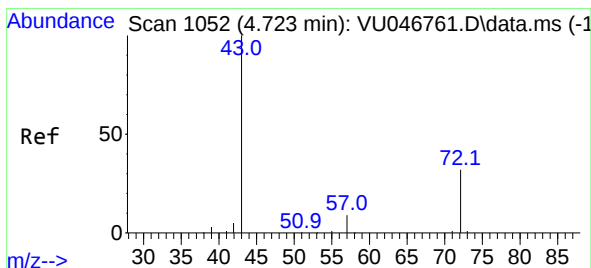
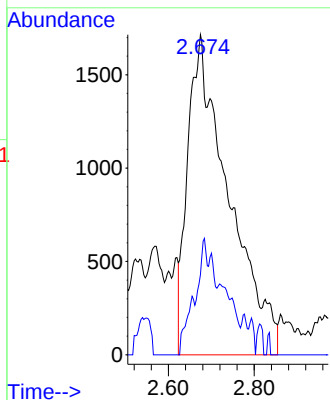
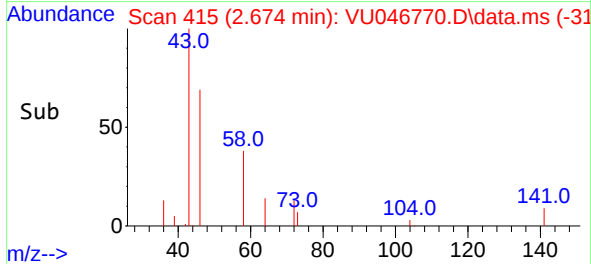
Instrument :
MSVOA_U
ClientSampleId :
BGLT4ME



Tgt Ion: 43 Resp: 11364
Ion Ratio Lower Upper
43 100
58 3.9 0.0 71.0

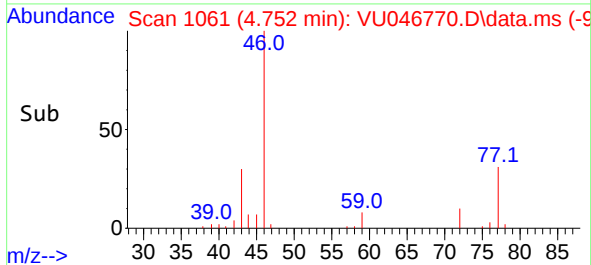
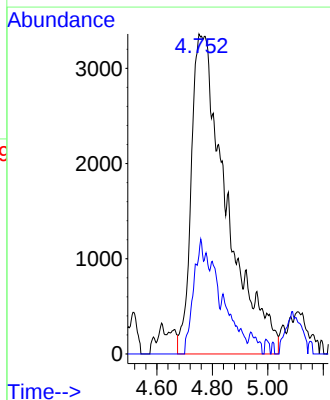
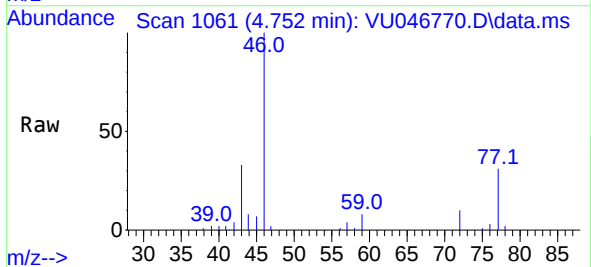
Manual Integrations
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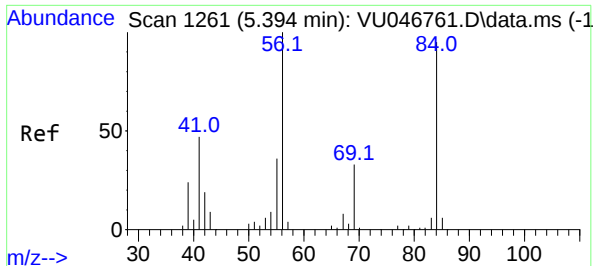
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022



#22
2-Butanone
Concen: 14.752 ug/L m
RT: 4.752 min Scan# 1061
Delta R.T. 0.029 min
Lab File: VU046770.D
Acq: 17 Jan 2022 17:27

Tgt Ion: 43 Resp: 29554
Ion Ratio Lower Upper
43 100
72 4.8 15.6 46.8#





#29

Cyclohexane

Concen: 2.832 ug/L

RT: 5.372 min Scan# 1254

Delta R.T. -0.022 min

Lab File: VU046770.D

Acq: 17 Jan 2022 17:27

Instrument :

MSVOA_U

ClientSampleId :

BGLT4ME

Tgt Ion: 56 Resp: 8450

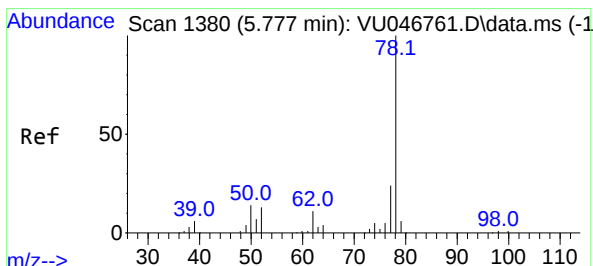
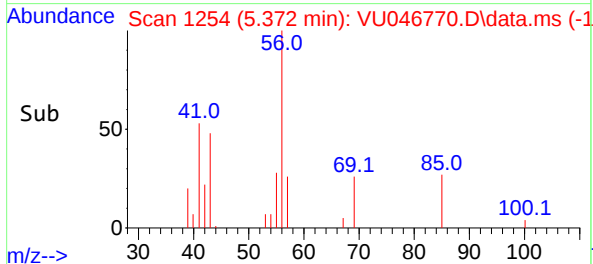
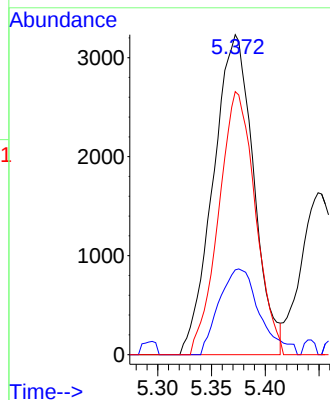
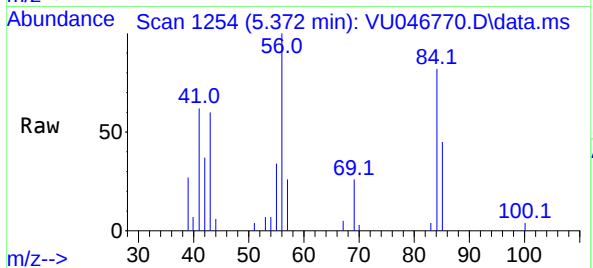
Ion	Ratio	Lower	Upper
56	100		
69	26.5	25.8	38.6
84	74.4	74.2	111.2

Manual Integrations

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#33

Benzene

Concen: 11.132 ug/L

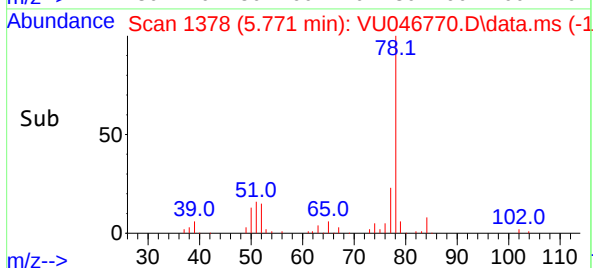
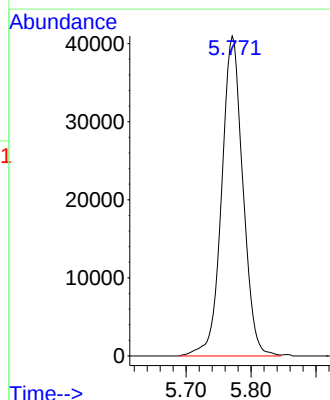
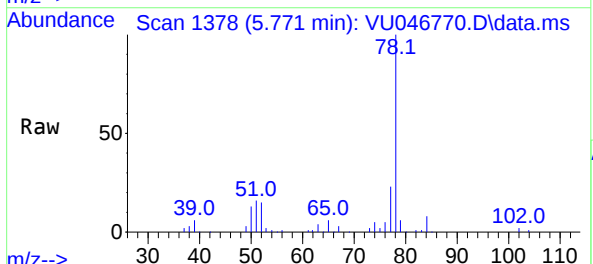
RT: 5.771 min Scan# 1378

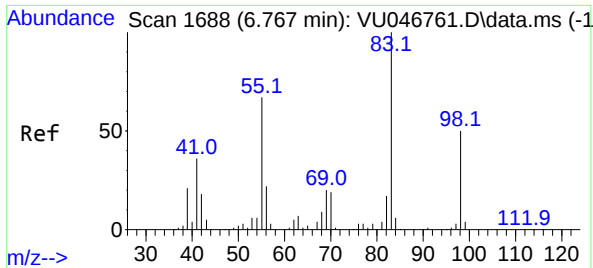
Delta R.T. -0.006 min

Lab File: VU046770.D

Acq: 17 Jan 2022 17:27

Tgt Ion: 78 Resp: 92955





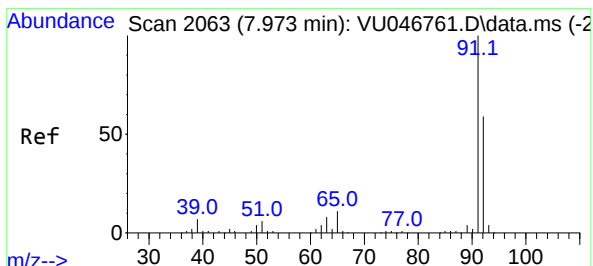
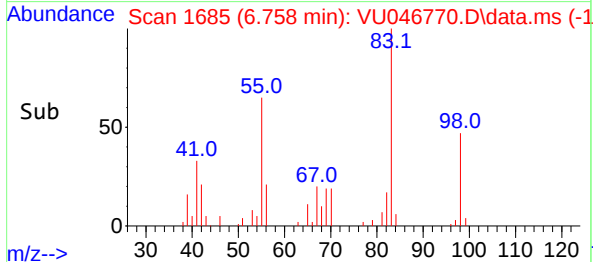
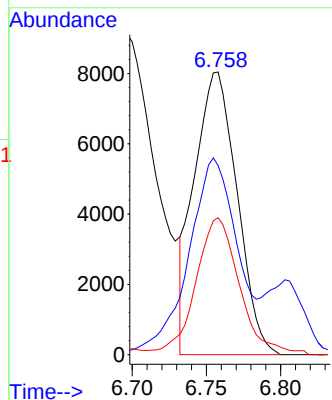
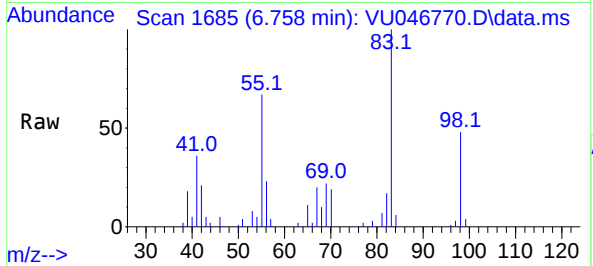
#35
Methylcyclohexane
Concen: 4.736 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.010 min
Lab File: VU046770.D
Acq: 17 Jan 2022 17:27

Instrument :
MSVOA_U
ClientSampleId :
BGLT4ME

Tgt Ion: 83 Resp: 1610
Ion Ratio Lower Upper
83 100
55 79.2 56.6 85.0
98 46.8 38.4 57.6

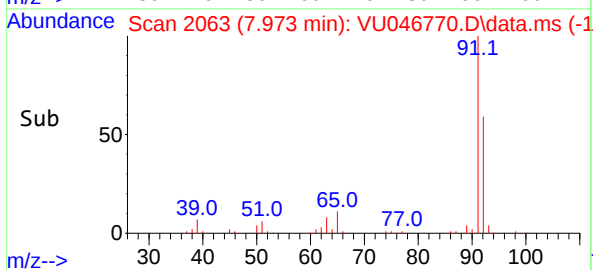
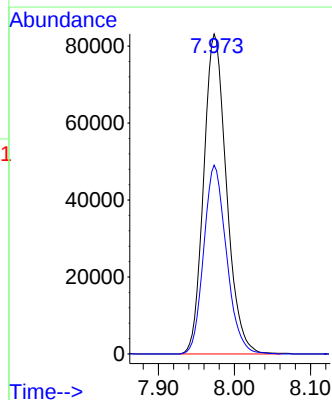
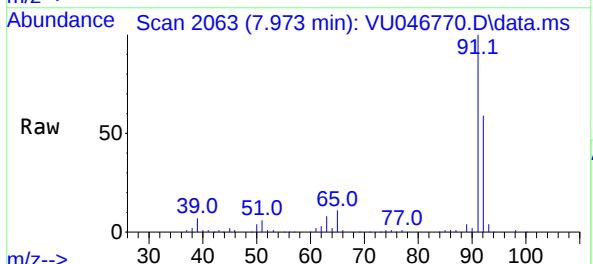
Manual Integrations
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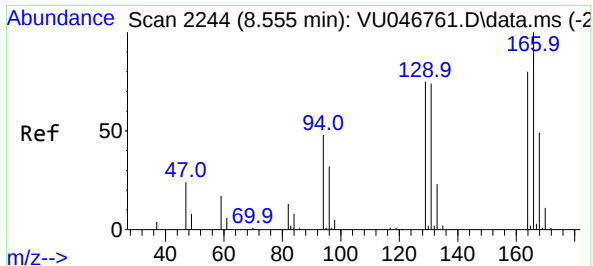
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022



#42
Toluene
Concen: 19.678 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU046770.D
Acq: 17 Jan 2022 17:27

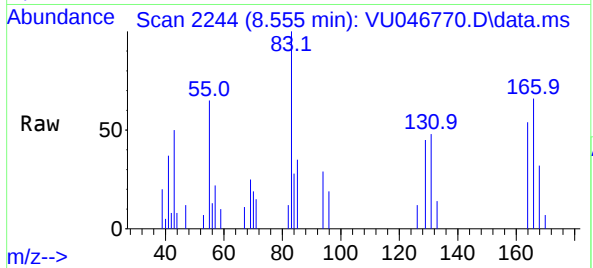
Tgt Ion: 91 Resp: 173292
Ion Ratio Lower Upper
91 100
92 59.0 40.4 75.0





#46
Tetrachloroethene
Concen: 1.384 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046770.D
Acq: 17 Jan 2022 17:27

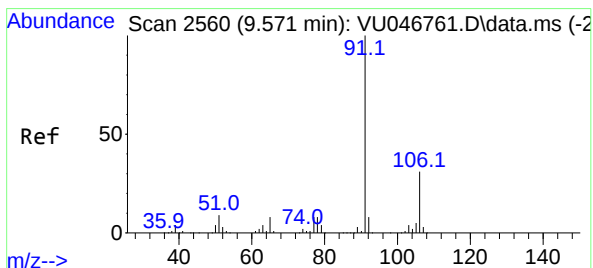
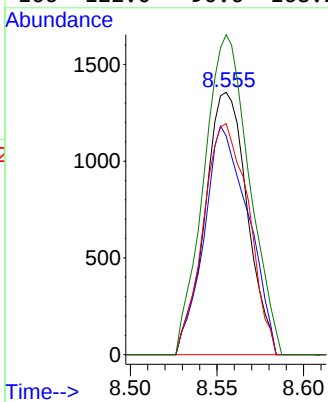
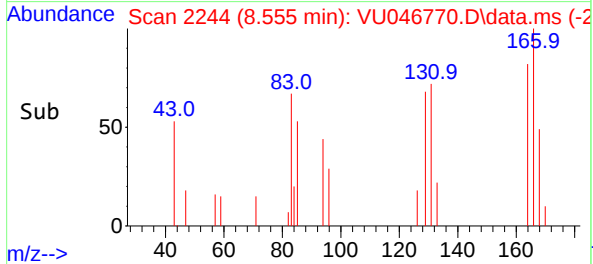
Instrument :
MSVOA_U
ClientSampleId :
BGLT4ME



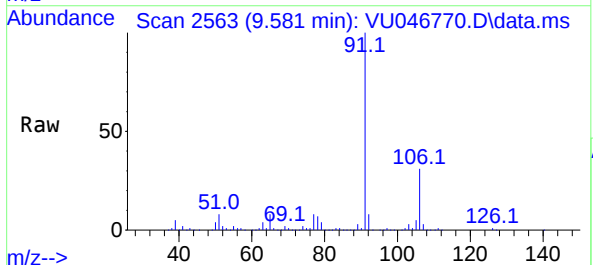
Tgt Ion:164 Resp: 2300
Ion Ratio Lower Upper
164 100
129 83.4 69.5 129.1
131 88.1 67.0 124.4
166 122.0 90.6 168.2

Manual Integrations
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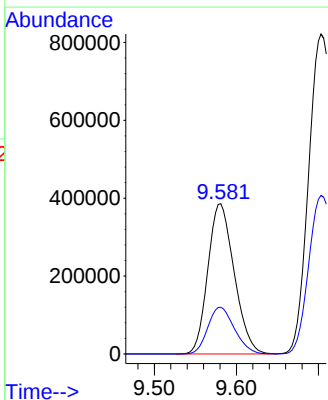
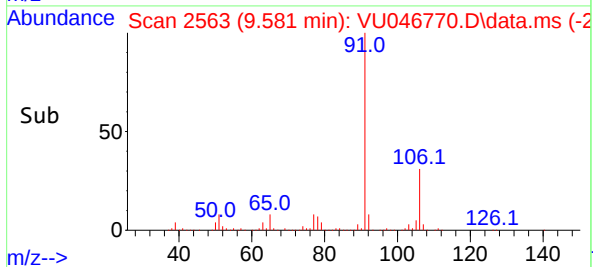
Reviewed By :John Carlone 01/21/2022
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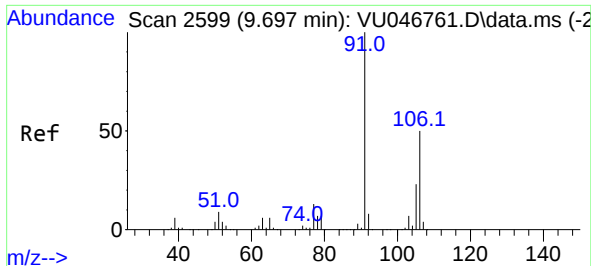


#52
Ethylbenzene
Concen: 92.064 ug/L
RT: 9.581 min Scan# 2563
Delta R.T. 0.010 min
Lab File: VU046770.D
Acq: 17 Jan 2022 17:27



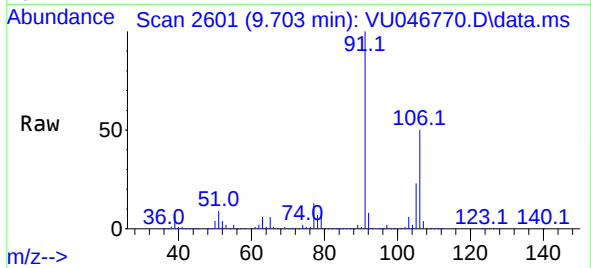
Tgt Ion: 91 Resp: 860123
Ion Ratio Lower Upper
91 100
106 31.1 21.8 40.4





#53
m,p-Xylene
Concen: 263.028 ug/L
RT: 9.703 min Scan# 2599
Delta R.T. 0.007 min
Lab File: VU046770.D
Acq: 17 Jan 2022 17:27

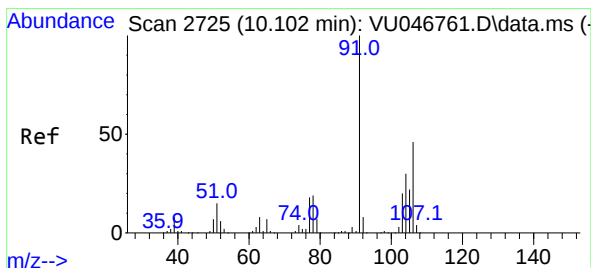
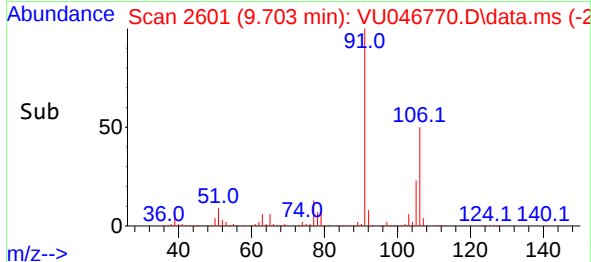
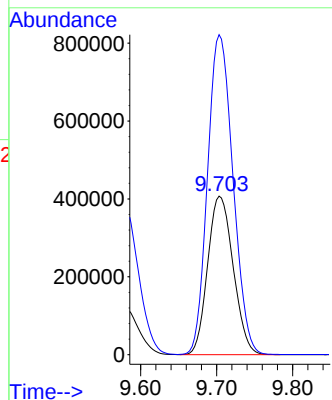
Instrument :
MSVOA_U
ClientSampleId :
BGLT4ME



Tgt Ion:106 Resp: 94906
Ion Ratio Lower Upper
106 100
91 201.9 145.5 270.1

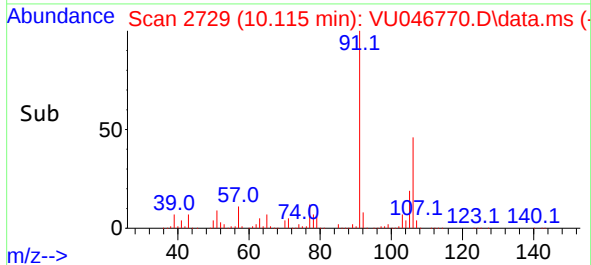
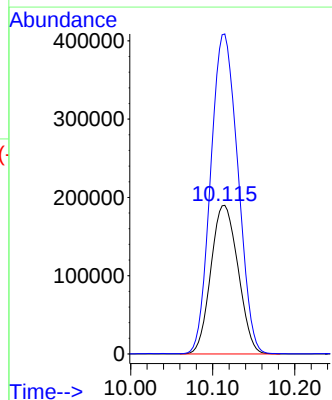
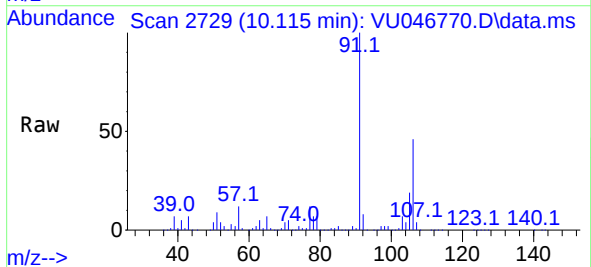
Manual Integrations
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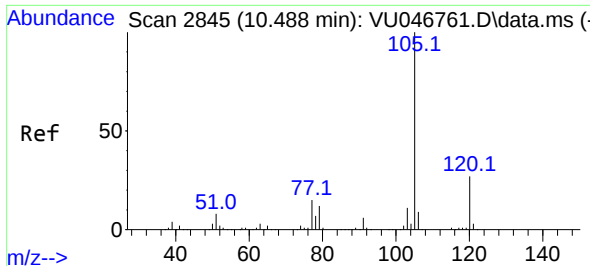
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022



#54
o-xylene
Concen: 126.918 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.013 min
Lab File: VU046770.D
Acq: 17 Jan 2022 17:27

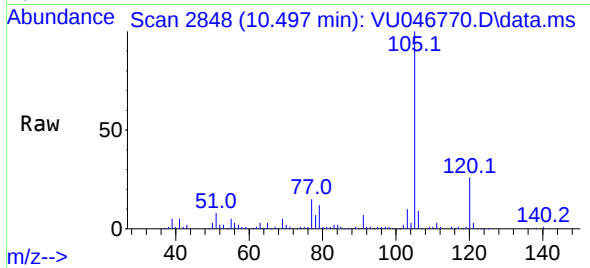
Tgt Ion:106 Resp: 437908
Ion Ratio Lower Upper
106 100
91 215.4 152.0 282.2





#61
Isopropylbenzene
Concen: 24.192 ug/L
RT: 10.497 min Scan# 20799
Delta R.T. 0.010 min
Lab File: VU046770.D
Acq: 17 Jan 2022 17:27

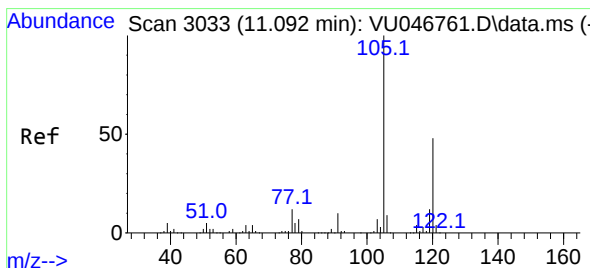
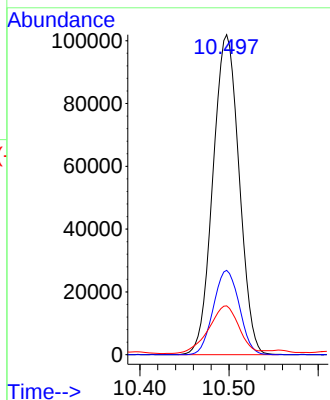
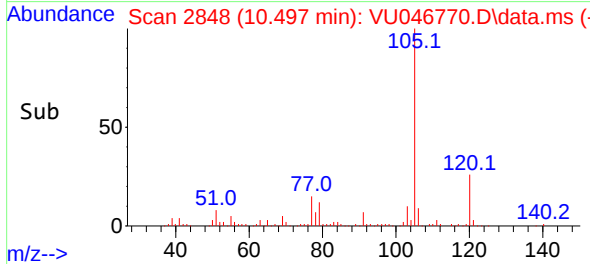
Instrument :
MSVOA_U
ClientSampleId :
BGLT4ME



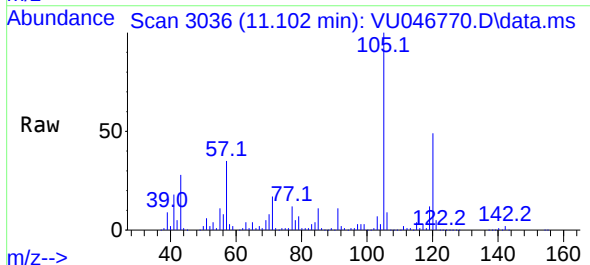
Tgt Ion:105 Resp: 20799
Ion Ratio Lower Upper
105 100
120 26.1 20.6 31.0
77 17.1 12.6 18.8

Manual Integrations
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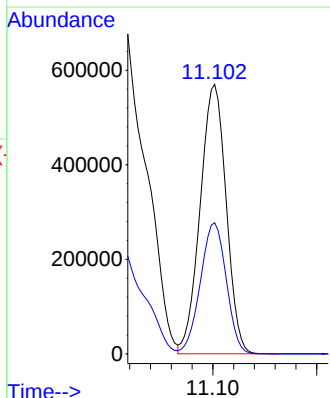
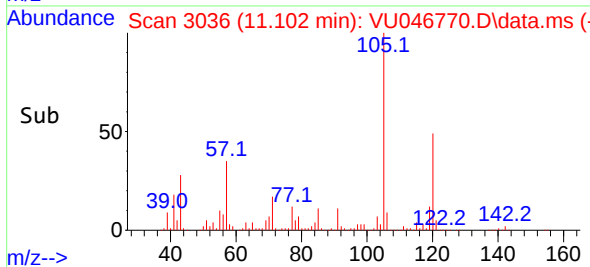
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022

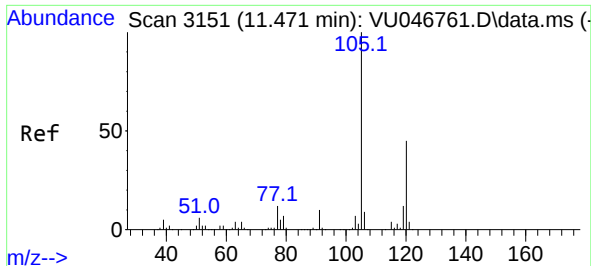


#62
1,3,5-Trimethylbenzene
Concen: 137.085 ug/L
RT: 11.102 min Scan# 3036
Delta R.T. 0.010 min
Lab File: VU046770.D
Acq: 17 Jan 2022 17:27



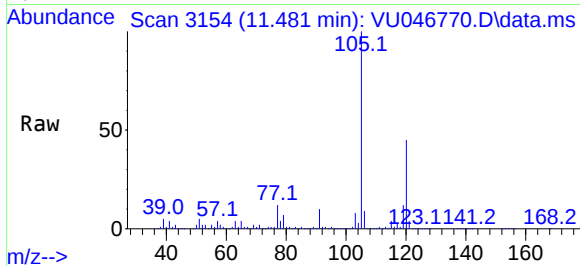
Tgt Ion:105 Resp: 990763
Ion Ratio Lower Upper
105 100
120 48.5 38.4 57.6





#63
1,2,4-Trimethylbenzene
Concen: 416.419 ug/L
RT: 11.481 min Scan# 3154
Delta R.T. 0.010 min
Lab File: VU046770.D
Acq: 17 Jan 2022 17:27

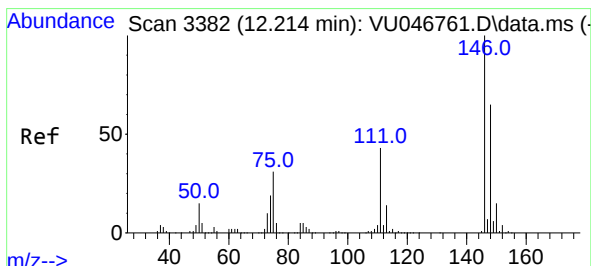
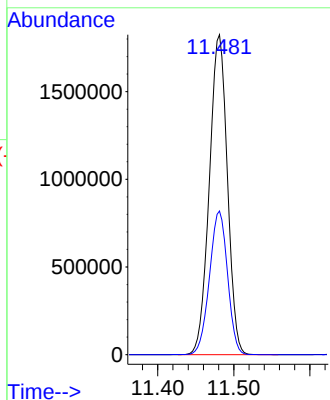
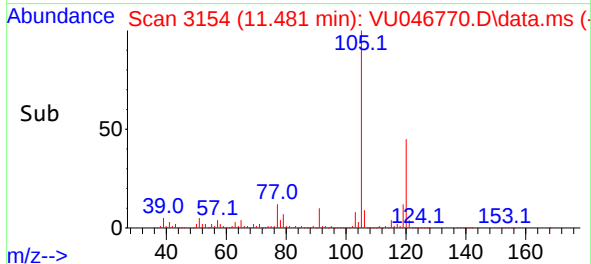
Instrument :
MSVOA_U
ClientSampleId :
BGLT4ME



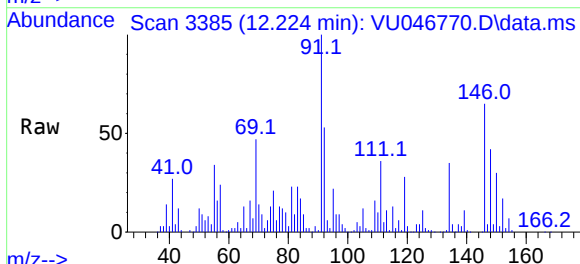
Tgt Ion:105 Resp: 2998720
Ion Ratio Lower Upper
105 100
120 45.0 35.4 53.2

Manual Integrations
APPROVED

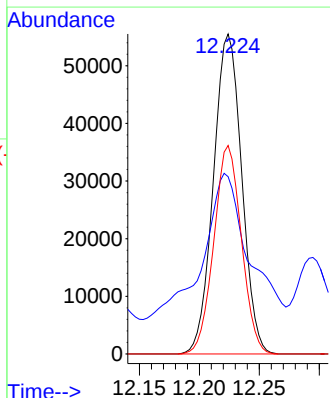
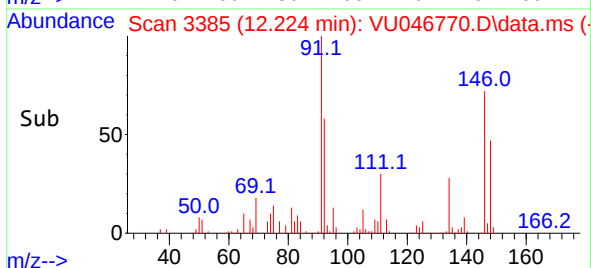
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022

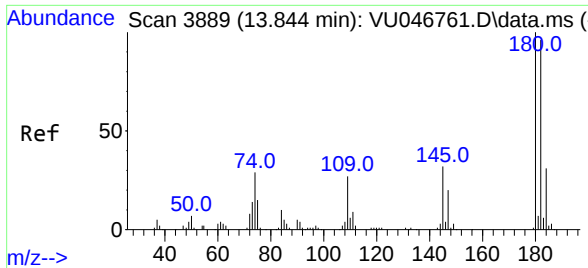


#67
1,2-Dichlorobenzene
Concen: 21.016 ug/L
RT: 12.224 min Scan# 3385
Delta R.T. 0.010 min
Lab File: VU046770.D
Acq: 17 Jan 2022 17:27



Tgt Ion:146 Resp: 91024
Ion Ratio Lower Upper
146 100
111 55.4 34.2 51.4#
148 65.2 51.3 76.9





#70
 1,2,4-trichlorobenzene
 Concen: 20.808 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.000 min
 Lab File: VU046770.D
 Acq: 17 Jan 2022 17:27

Instrument :
 MSVOA_U
 ClientSampleId :
 BGLT4ME

Tgt Ion:180	Resp:	5870
Ion Ratio	Lower	Upper
180	100	
182	98.3	76.6 114.8
145	76.3	25.2 37.8

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/21/2022
 Supervised By :Mahesh Dadoda 01/21/2022

