

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
 Data File : VU052515.D
 Acq On : 23 Dec 2022 00:49
 Operator : JC/MD
 Sample : N6170-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQB6

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/28/2022
 Supervised By :Mahesh Dadoda 12/28/2022

Quant Time: Dec 23 06:43:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 23 06:08:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	198208	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	188480	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	101917	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.597	65	69066	3.439	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.800%
7) Chloroethane-d5	1.912	69	67719	3.910	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.200%
11) 1,1-Dichloroethene-d2	2.568	65	31688	3.667	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.400%
20) 2-Butanone-d5	4.652	46	339073	54.452	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.900%
24) Chloroform-d	5.060	84	139439	4.116	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
26) 1,2-Dichloroethane-d4	5.700	65	82495	4.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
32) Benzene-d6	5.726	84	289871	4.486	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.687	67	99696	4.482	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.893	98	289189	5.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
43) trans-1,3-Dichloroprop...	8.176	79	49292	6.471	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	129.400%
46) 2-Hexanone-d5	8.632	63	264563	63.485	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.960%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	94064	4.981	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	104884	5.055	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%

Target Compounds

						Qvalue
5) Vinyl chloride	1.604	62	28324	1.227	ug/L	97
13) Acetone	2.697	43	42450m	9.247	ug/L	
18) trans-1,2-Dichloroethene	3.353	96	200446	13.102	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	1964148	116.986	ug/L	96
30) Cyclohexane	5.385	56	2104484	82.094	ug/L	91
33) Benzene	5.774	78	18970	0.279	ug/L	100
35) Methylcyclohexane	6.764	83	4984002	208.252	ug/L	97
42) Toluene	7.967	91	49116	0.755	ug/L	99
47) Tetrachloroethene	8.549	164	6907	0.623	ug/L	94
52) Ethylbenzene	9.568	91	542400	8.052	ug/L	99
53) m,p-Xylene	9.690	106	2673401	107.628	ug/L	97
54) o-Xylene	10.095	106	21448	0.901	ug/L	95
60) Isopropylbenzene	10.481	105	785804	11.896	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	2784188	51.105	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	10568666	192.704	ug/L	99

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

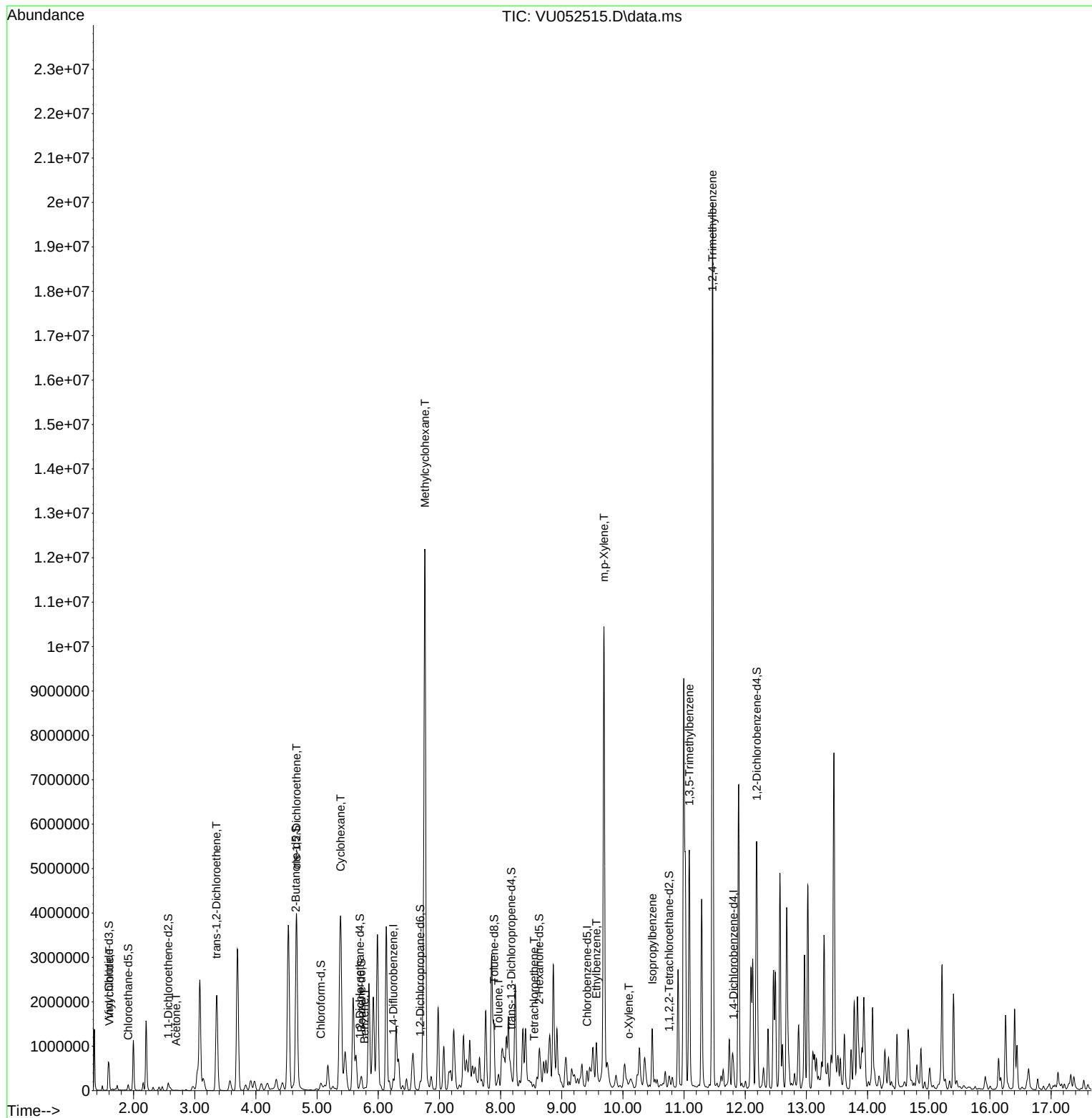
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

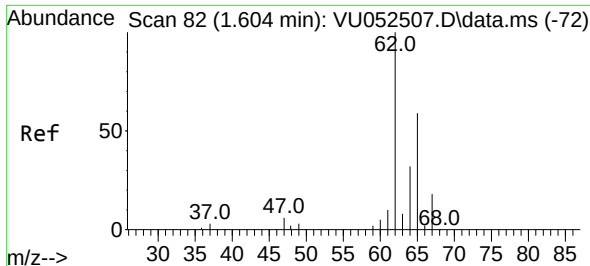
Instrument :
MSVOA_U
ClientSampleId :
GBQB6

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022

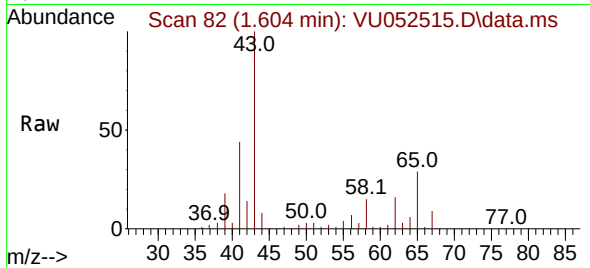
Quant Time: Dec 23 06:43:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 23 06:08:56 2022
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 1.227 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU052515.D
 Acq: 23 Dec 2022 00:49

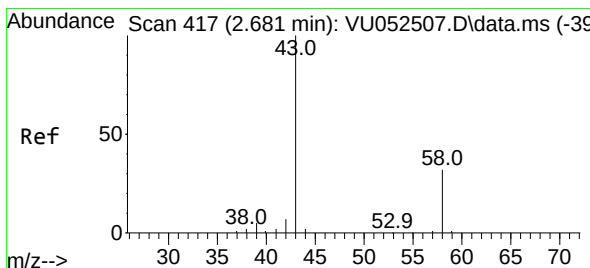
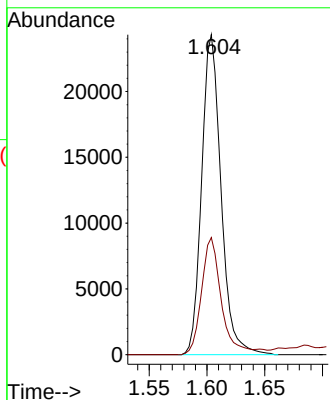
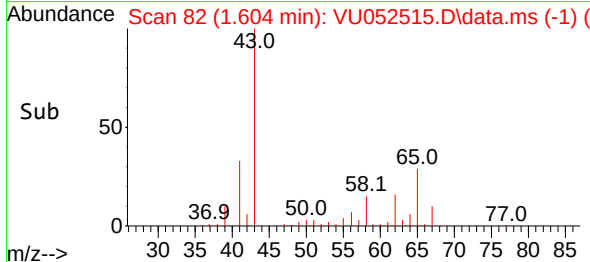
Instrument :
 MSVOA_U
 ClientSampleId :
 GBQB6



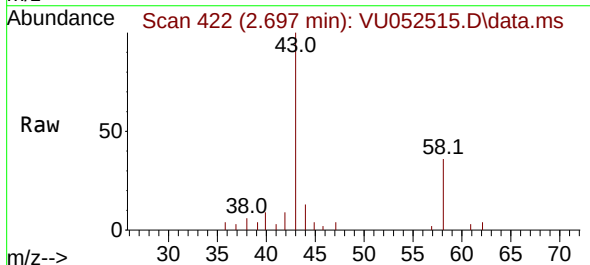
Tgt Ion: 62 Resp: 28324
 Ion Ratio Lower Upper
 62 100
 64 36.6 24.4 45.4

Manual Integrations
 APPROVED

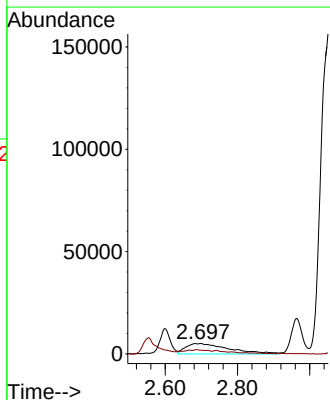
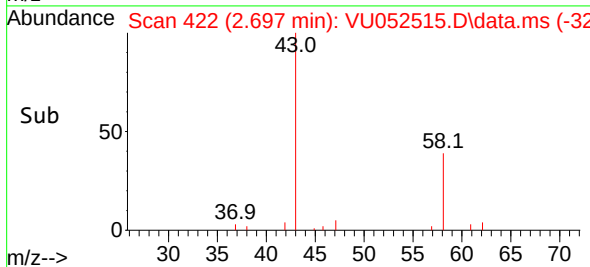
Reviewed By :Krupa Patel 12/28/2022
 Supervised By :Mahesh Dadoda 12/28/2022

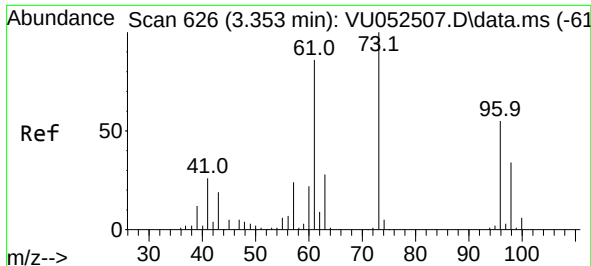


#13
 Acetone
 Concen: 9.247 ug/L m
 RT: 2.697 min Scan# 422
 Delta R.T. 0.016 min
 Lab File: VU052515.D
 Acq: 23 Dec 2022 00:49



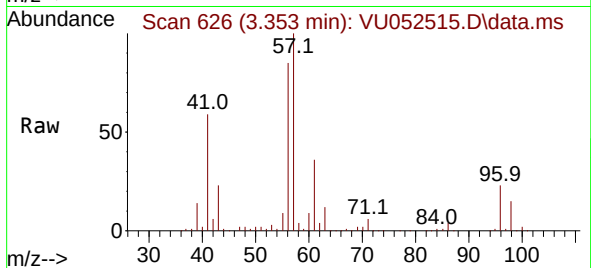
Tgt Ion: 43 Resp: 42450
 Ion Ratio Lower Upper
 43 100
 58 1.7 0.0 65.4





#18
trans-1,2-Dichloroethene
Concen: 13.102 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU052515.D
Acq: 23 Dec 2022 00:49

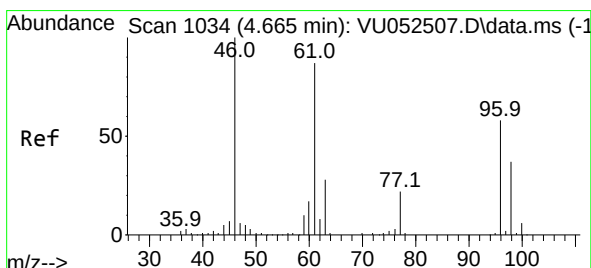
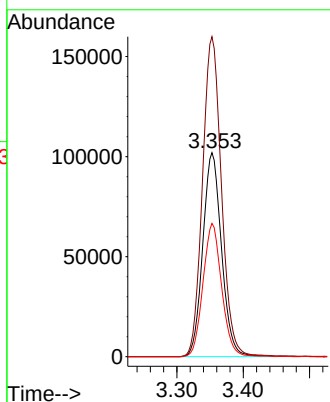
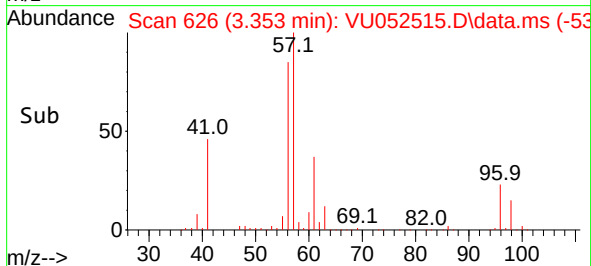
Instrument :
MSVOA_U
ClientSampleId :
GBQB6



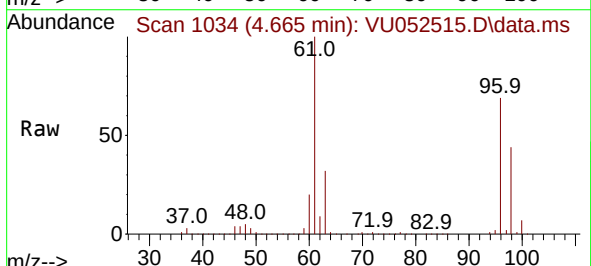
Tgt Ion: 96 Resp: 200440
Ion Ratio Lower Upper
96 100
61 156.9 108.3 201.1
98 65.3 44.0 81.6

Manual Integrations
APPROVED

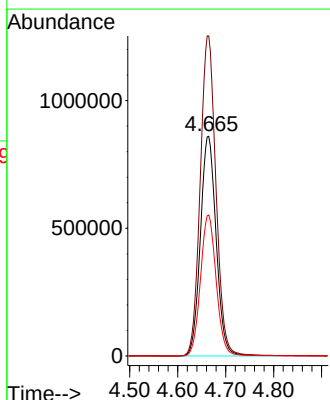
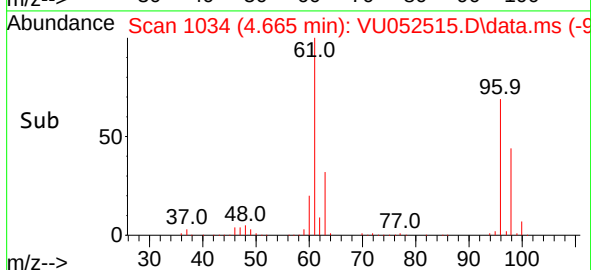
Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022

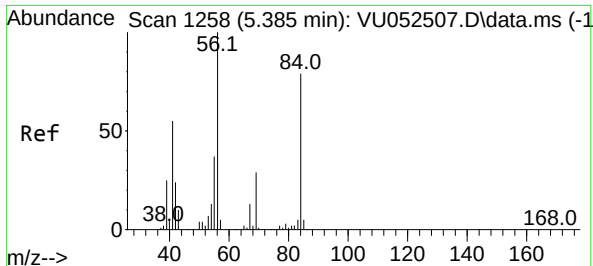


#22
cis-1,2-Dichloroethene
Concen: 116.986 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU052515.D
Acq: 23 Dec 2022 00:49



Tgt Ion: 96 Resp: 1964148
Ion Ratio Lower Upper
96 100
61 145.6 96.9 180.1
98 64.1 44.7 83.1





#30

Cyclohexane

Concen: 82.094 ug/L

RT: 5.385 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU052515.D

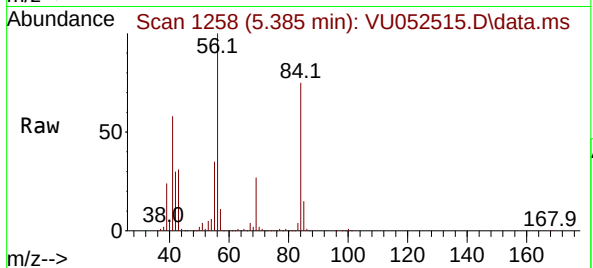
Acq: 23 Dec 2022 00:49

Instrument :

MSVOA_U

ClientSampleId :

GBQB6



Tgt Ion: 56 Resp: 210448

Ion Ratio Lower Upper

56 100

69 32.3 23.0 34.6

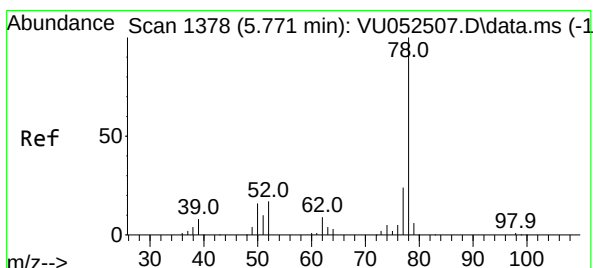
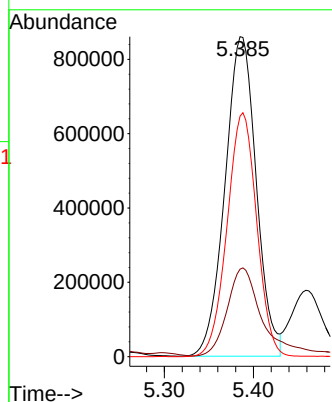
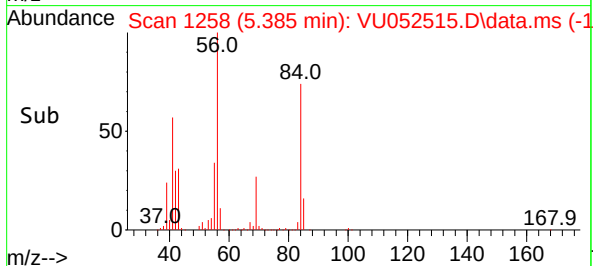
84 72.2 64.4 96.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/28/2022

Supervised By :Mahesh Dadoda 12/28/2022



#33

Benzene

Concen: 0.279 ug/L

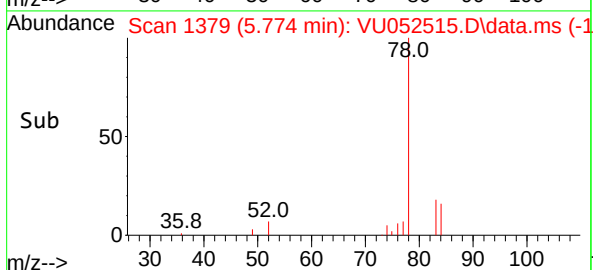
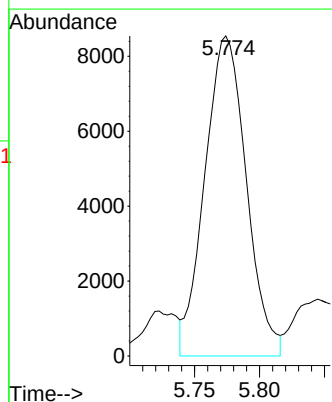
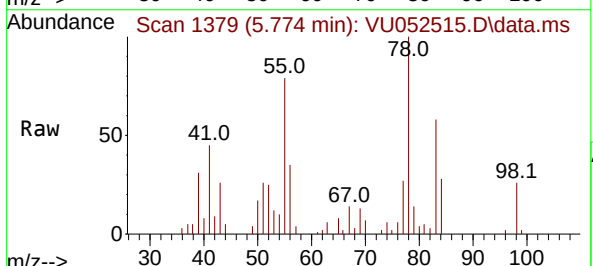
RT: 5.774 min Scan# 1379

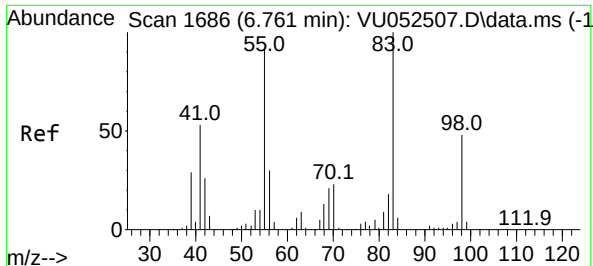
Delta R.T. 0.003 min

Lab File: VU052515.D

Acq: 23 Dec 2022 00:49

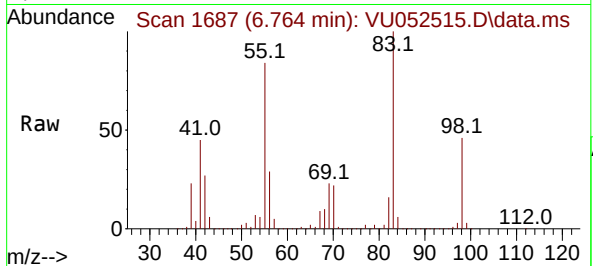
Tgt Ion: 78 Resp: 18970





#35
Methylcyclohexane
Concen: 208.252 ug/L
RT: 6.764 min Scan# 1686
Delta R.T. 0.003 min
Lab File: VU052515.D
Acq: 23 Dec 2022 00:49

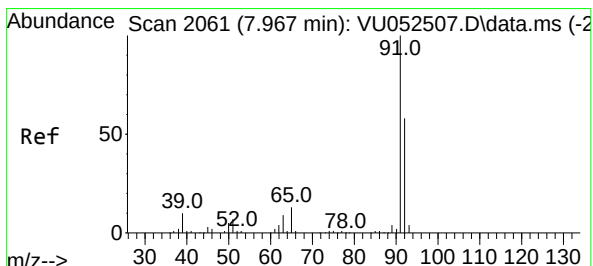
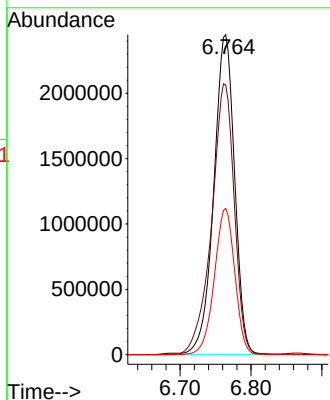
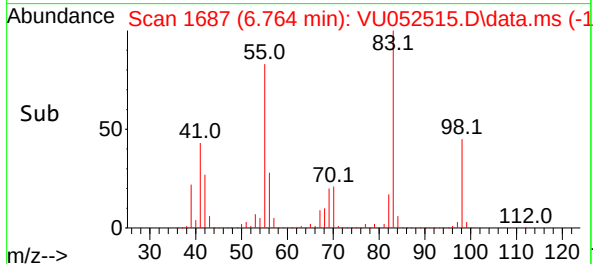
Instrument :
MSVOA_U
ClientSampleId :
GBQB6



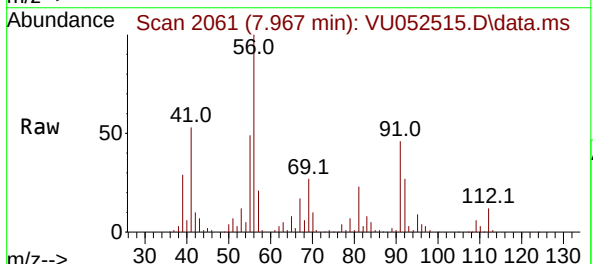
Tgt Ion: 83 Resp: 498400
Ion Ratio Lower Upper
83 100
55 92.4 71.4 107.0
98 45.0 36.5 54.7

Manual Integrations
APPROVED

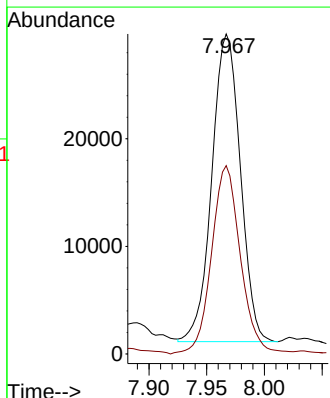
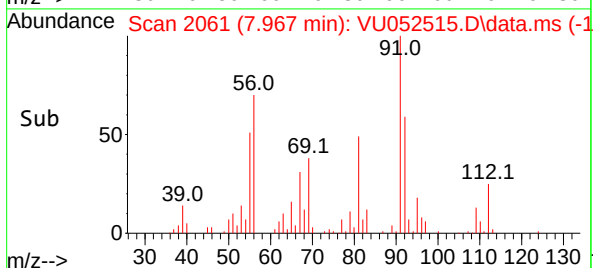
Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022

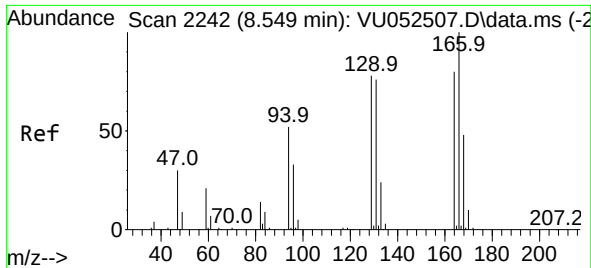


#42
Toluene
Concen: 0.755 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU052515.D
Acq: 23 Dec 2022 00:49



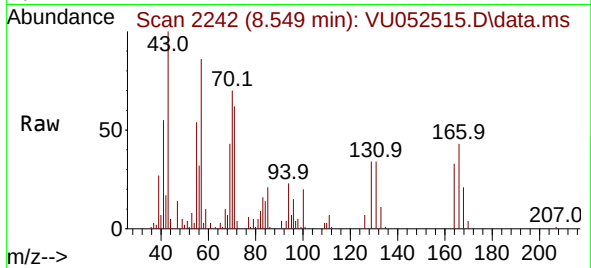
Tgt Ion: 91 Resp: 49116
Ion Ratio Lower Upper
91 100
92 58.9 40.6 75.4





#47
Tetrachloroethene
Concen: 0.623 ug/L
RT: 8.549 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052515.D
Acq: 23 Dec 2022 00:49

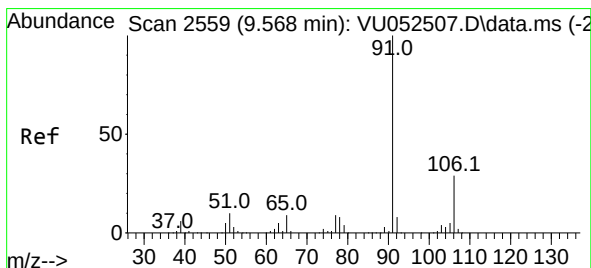
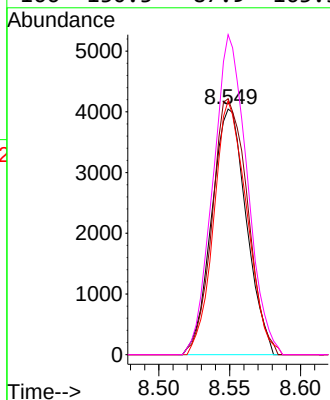
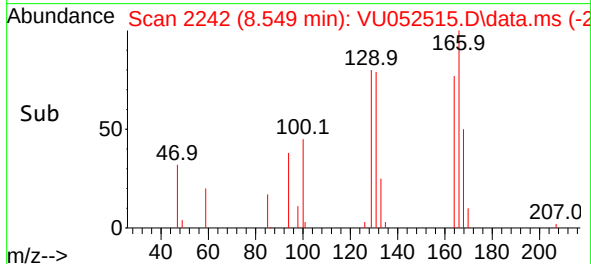
Instrument :
MSVOA_U
ClientSampleId :
GBQB6



Tgt Ion:	164	Resp:	690
Ion Ratio	Lower	Upper	
164	100		
129	104.2	68.1	126.5
131	103.4	66.5	123.5
166	130.3	87.9	163.3

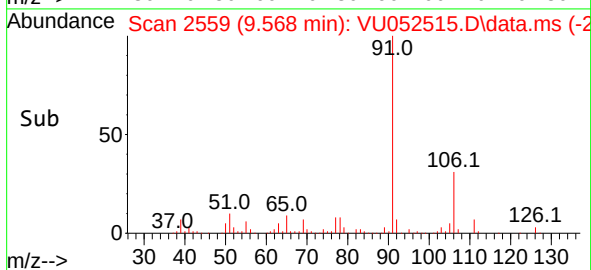
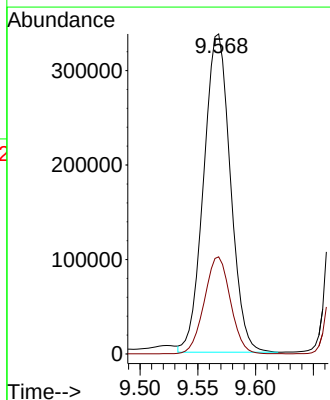
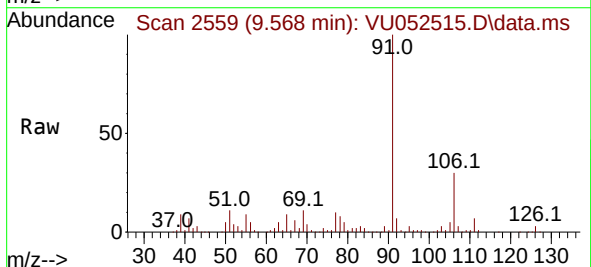
Manual Integrations
APPROVED

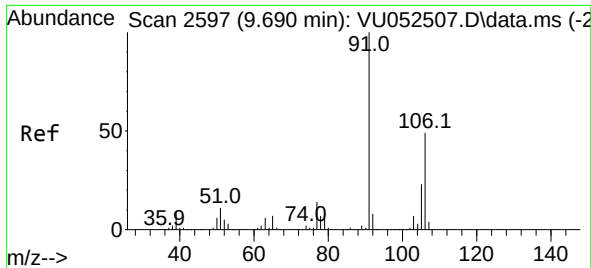
Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#52
Ethylbenzene
Concen: 8.052 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU052515.D
Acq: 23 Dec 2022 00:49

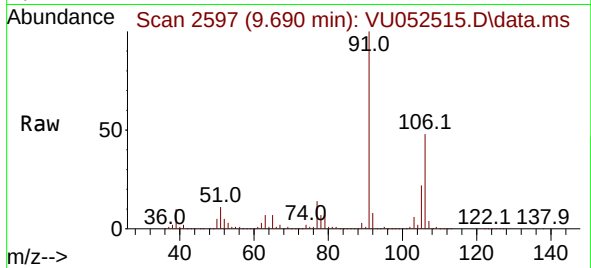
Tgt Ion:	91	Resp:	542400
Ion Ratio	Lower	Upper	
91	100		
106	30.4	20.9	38.7





#53
m,p-Xylene
Concen: 107.628 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU052515.D
Acq: 23 Dec 2022 00:49

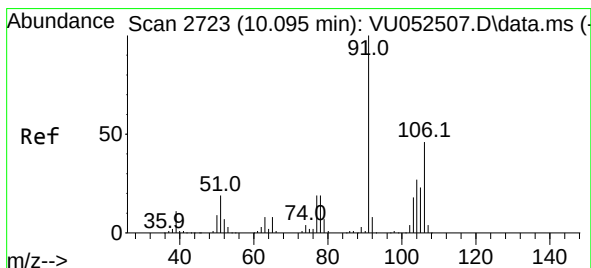
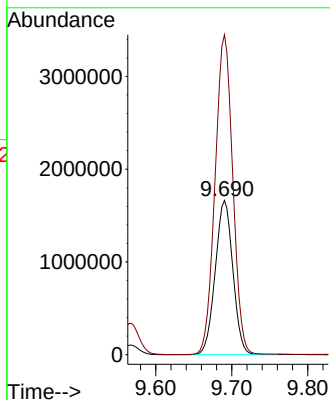
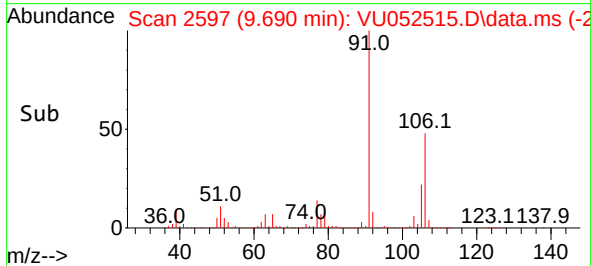
Instrument :
MSVOA_U
ClientSampleId :
GBQB6



Tgt Ion:106 Resp: 267340
Ion Ratio Lower Upper
106 100
91 207.5 148.2 275.2

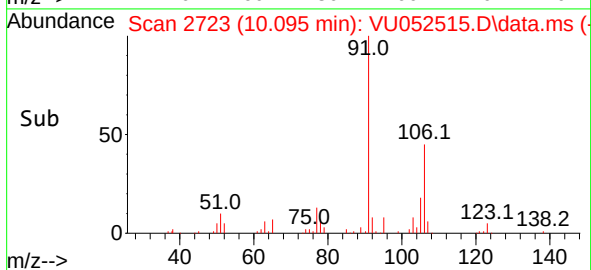
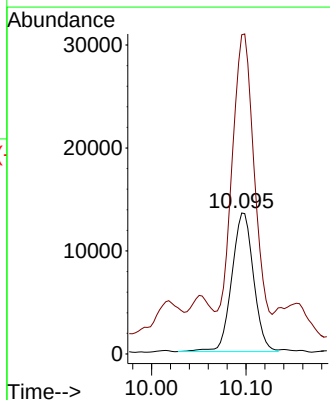
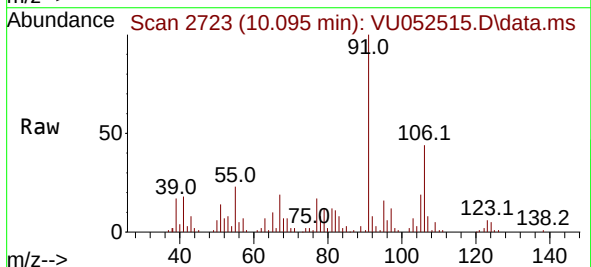
Manual Integrations
APPROVED

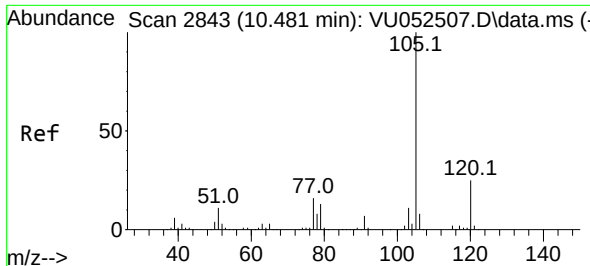
Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#54
o-Xylene
Concen: 0.901 ug/L
RT: 10.095 min Scan# 2723
Delta R.T. 0.000 min
Lab File: VU052515.D
Acq: 23 Dec 2022 00:49

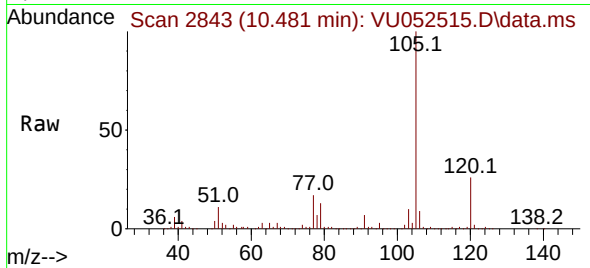
Tgt Ion:106 Resp: 21448
Ion Ratio Lower Upper
106 100
91 226.4 153.2 284.4





#60
Isopropylbenzene
Concen: 11.896 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU052515.D
Acq: 23 Dec 2022 00:49

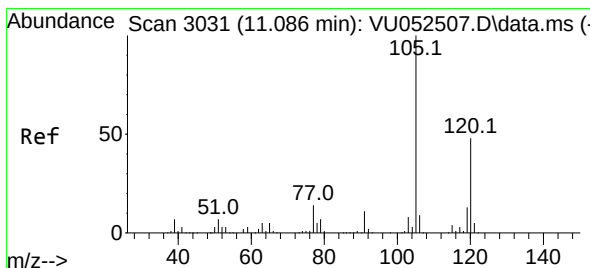
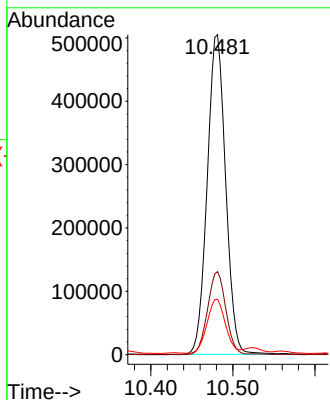
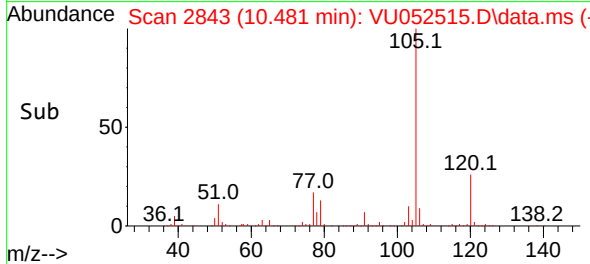
Instrument :
MSVOA_U
ClientSampleId :
GBQB6



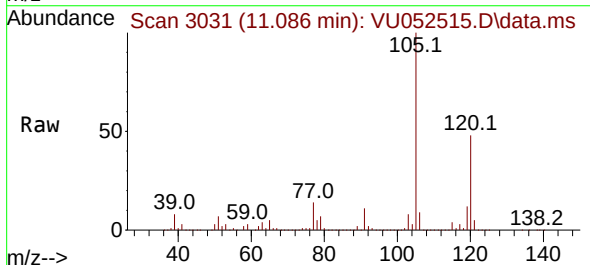
Tgt Ion:105 Resp: 785804
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0
77 17.0 13.8 20.8

Manual Integrations
APPROVED

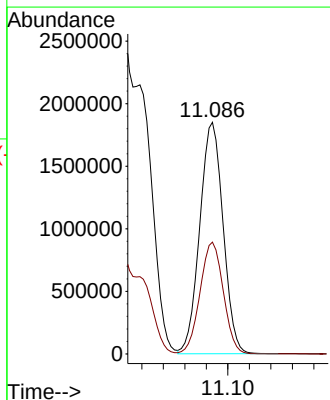
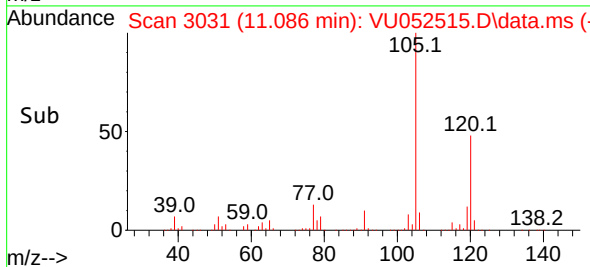
Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022

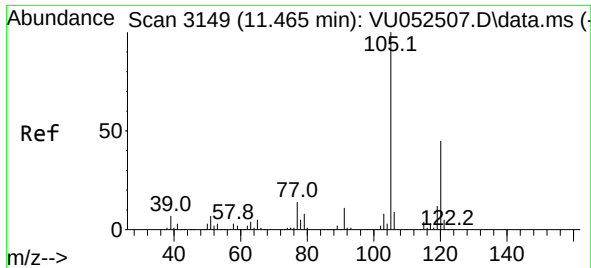


#62
1,3,5-Trimethylbenzene
Concen: 51.105 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU052515.D
Acq: 23 Dec 2022 00:49



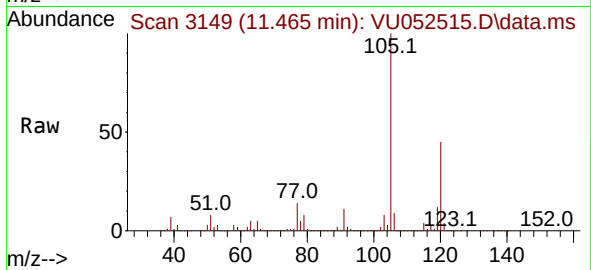
Tgt Ion:105 Resp: 2784188
Ion Ratio Lower Upper
105 100
120 48.2 38.6 57.8





#63
 1,2,4-Trimethylbenzene
 Concen: 192.704 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: VU052515.D
 Acq: 23 Dec 2022 00:49

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQB6



Tgt Ion:105 Resp:1056866
 Ion Ratio Lower Upper
 105 100
 120 45.1 35.6 53.4

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/28/2022
 Supervised By :Mahesh Dadoda 12/28/2022

