

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011623\
 Data File : VU052710.D
 Acq On : 16 Jan 2023 18:54
 Operator : JC/MD
 Sample : 01138-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1X2

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/17/2023
 Supervised By :Mahesh Dadoda 01/18/2023

Quant Time: Jan 17 05:35:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:53:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	29810	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	29658	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	12809	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	8450	3.226	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.600%
7) Chloroethane-d5	1.915	69	8956	4.198	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.568	65	4904	4.252	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	4.632	46	80809	115.401	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	230.800%#
24) Chloroform-d	5.060	84	23766	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.700	65	16316	6.504	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	130.000%
32) Benzene-d6	5.726	84	44028	4.580	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.687	67	16029	5.004	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.896	98	33291	3.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	8.176	79	5783	4.854	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.629	63	46099	93.158	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	186.320%#
56) 1,1,2,2-Tetrachloroeth...	10.751	84	21659	8.831	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	176.600%#
66) 1,2-Dichlorobenzene-d4	12.188	152	13195	5.659	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.200%

Target Compounds						Qvalue
3) Chloromethane	1.517	50	3198	0.822	ug/L #	69
5) Vinyl chloride	1.604	62	3936	1.058	ug/L #	1
12) 1,1-Dichloroethene	2.581	96	45795	17.719	ug/L #	75
13) Acetone	2.655	43	3299m	6.569	ug/L	
14) Carbon disulfide	2.793	76	3328	0.373	ug/L #	93
16) Methylene chloride	3.047	84	3996	1.162	ug/L	88
17) Methyl tert-butyl Ether	3.362	73	2331	0.408	ug/L	97
19) 1,1-Dichloroethane	3.867	63	64991	11.874	ug/L	98
22) cis-1,2-Dichloroethene	4.661	96	1755	0.620	ug/L	92
25) Chloroform	5.083	83	3907	0.726	ug/L	92
29) 1,1,1-Trichloroethane	5.311	97	5715	1.228	ug/L	97
33) Benzene	5.771	78	2029	0.173	ug/L	100
34) Trichloroethene	6.539	95	49270	17.744	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	537	0.271	ug/L	91
47) Tetrachloroethene	8.549	164	816	0.399	ug/L	82

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

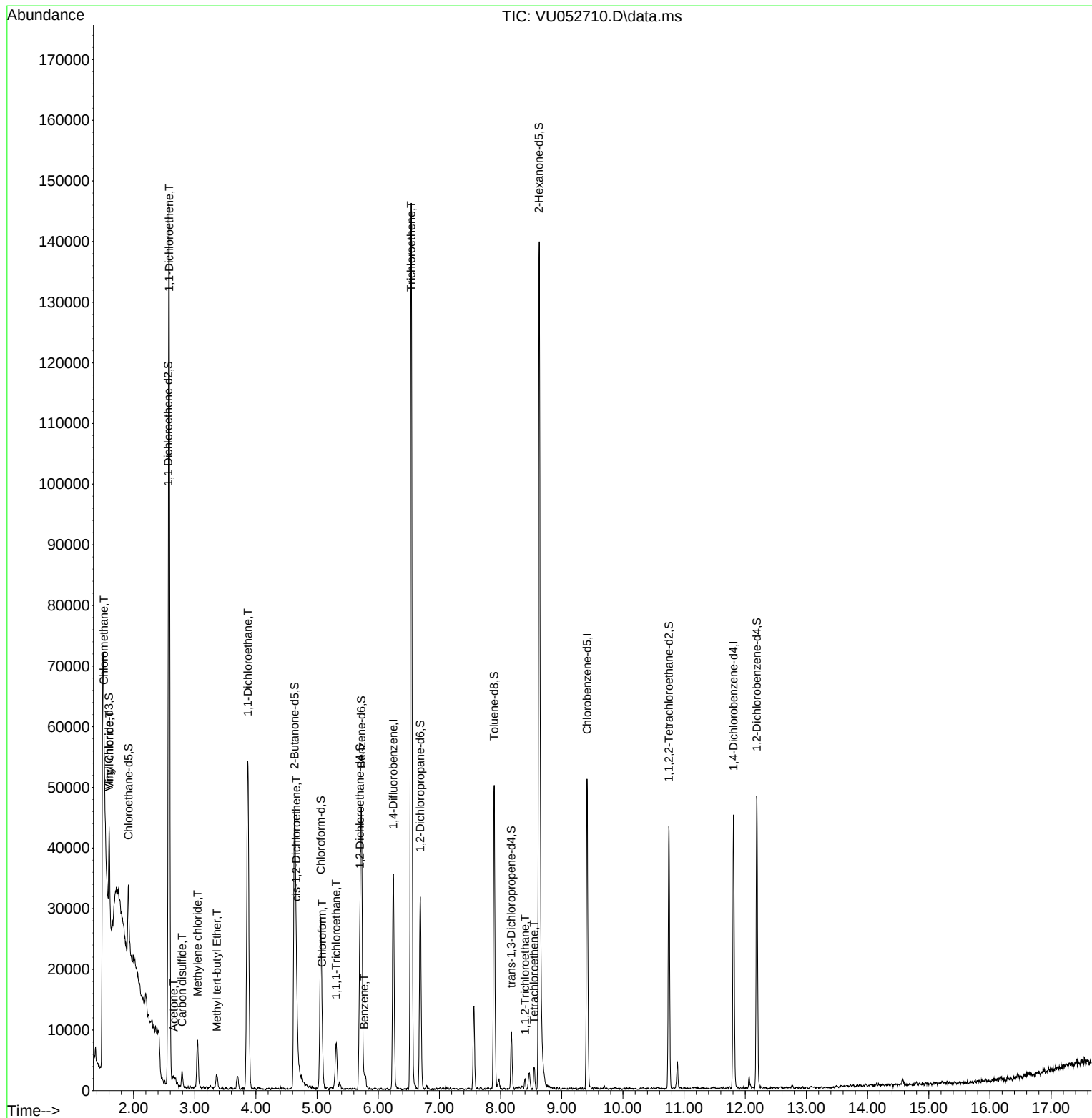
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011623\
Data File : VU052710.D
Acq On : 16 Jan 2023 18:54
Operator : JC/MD
Sample : 01138-09
Misc : 25.0mL/MSVOA_U/WATER
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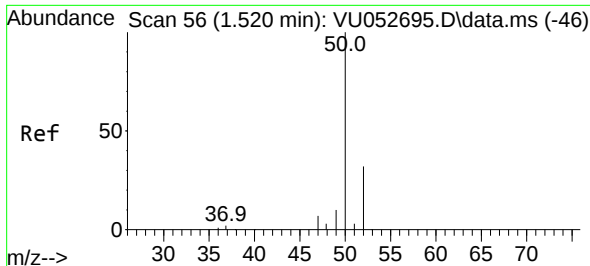
Instrument :
MSVOA_U
ClientSampleId :
BH1X2

Quant Time: Jan 17 05:35:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 11 00:53:59 2023
Response via : Initial Calibration

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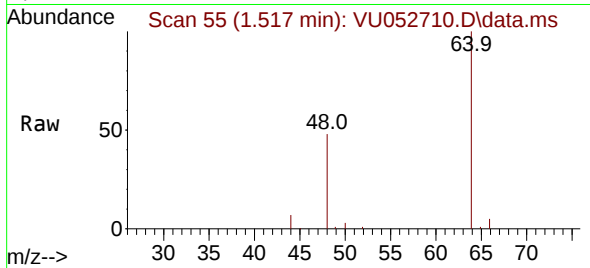
Reviewed By :Krupa Patel 01/17/2023
Supervised By :Mahesh Dadoda 01/18/2023





#3
Chloromethane
Concen: 0.822 ug/L
RT: 1.517 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU052710.D
Acq: 16 Jan 2023 18:54

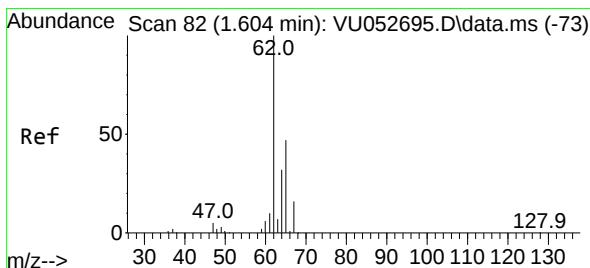
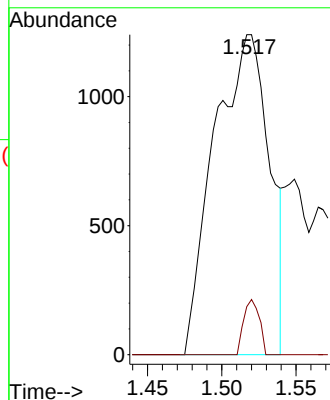
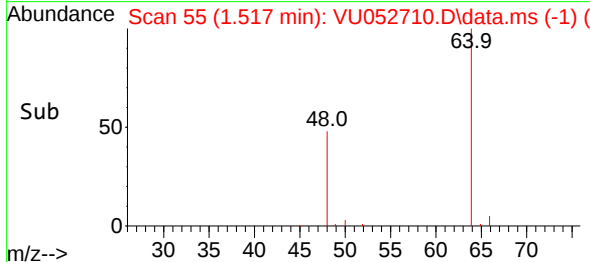
Instrument :
MSVOA_U
ClientSampleId :
BH1X2



Tgt Ion: 50 Resp: 3198
Ion Ratio Lower Upper
50 100
52 15.0 22.7 42.3

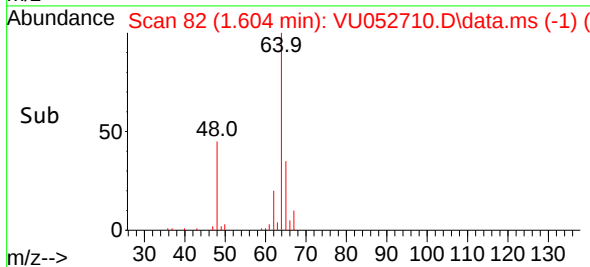
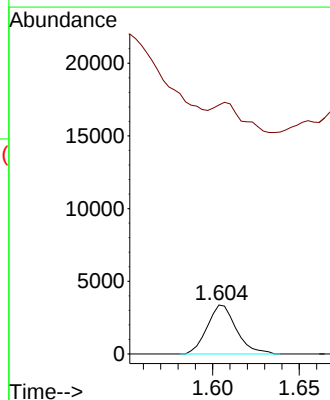
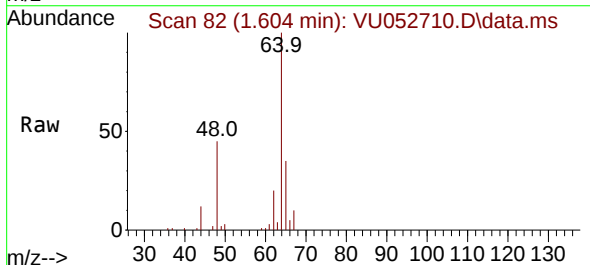
Manual Integrations
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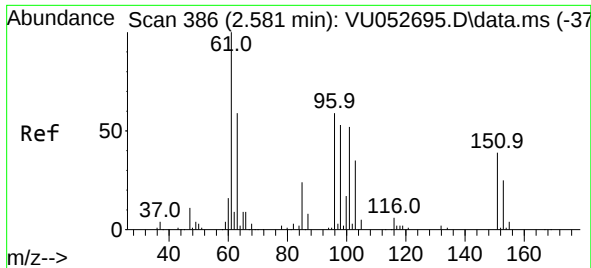
Reviewed By :Krupa Patel 01/17/2023
Supervised By :Mahesh Dadoda 01/18/2023



#5
Vinyl chloride
Concen: 1.058 ug/L
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU052710.D
Acq: 16 Jan 2023 18:54

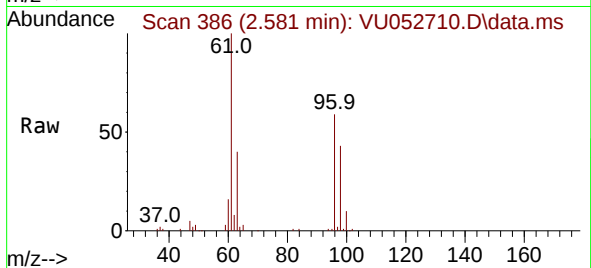
Tgt Ion: 62 Resp: 3936
Ion Ratio Lower Upper
62 100
64 508.4 22.3 41.3





#12
1,1-Dichloroethene
Concen: 17.719 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU052710.D
Acq: 16 Jan 2023 18:54

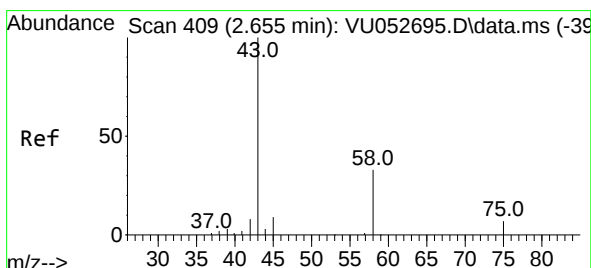
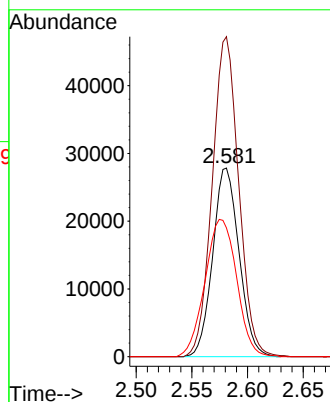
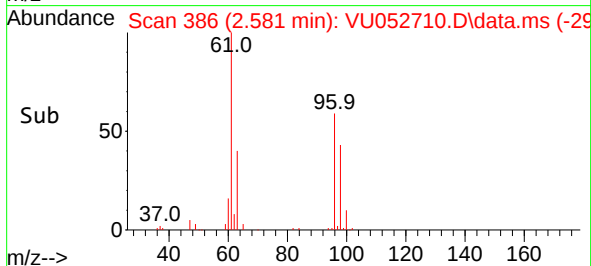
Instrument :
MSVOA_U
ClientSampleId :
BH1X2



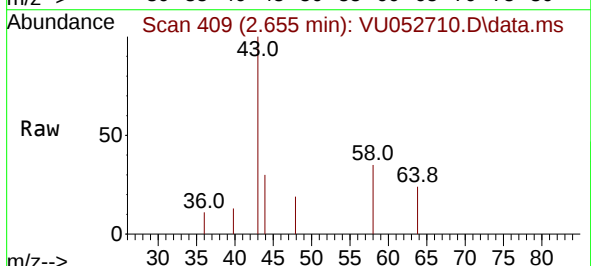
Tgt Ion: 96 Resp: 4579
Ion Ratio Lower Upper
96 100
61 169.7 129.6 240.8
63 68.3 83.7 155.5

Manual Integrations
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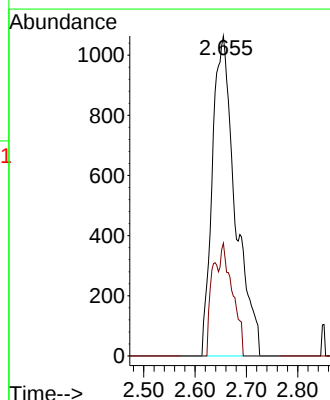
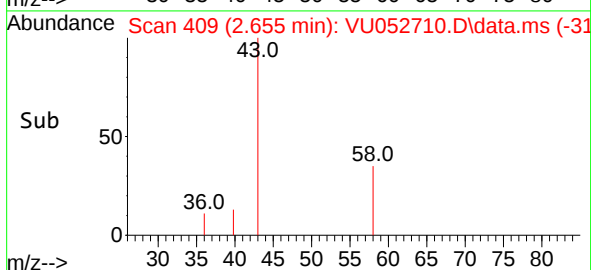
Reviewed By :Krupa Patel 01/17/2023
Supervised By :Mahesh Dadoda 01/18/2023

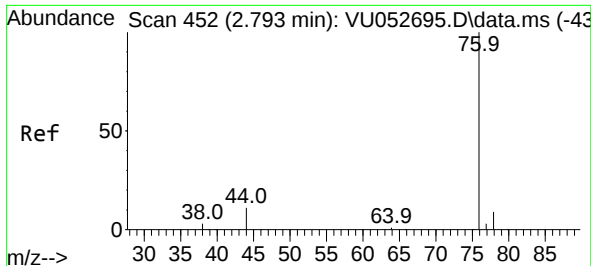


#13
Acetone
Concen: 6.569 ug/L m
RT: 2.655 min Scan# 409
Delta R.T. -0.007 min
Lab File: VU052710.D
Acq: 16 Jan 2023 18:54



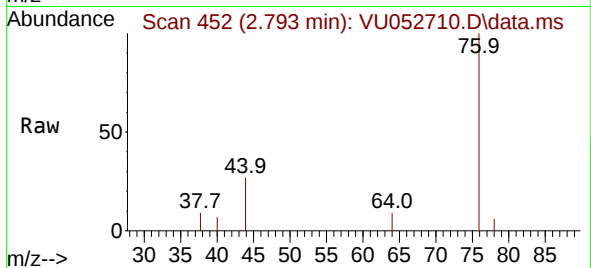
Tgt Ion: 43 Resp: 3299
Ion Ratio Lower Upper
43 100
58 19.2 0.0 68.8





#14
Carbon disulfide
Concen: 0.373 ug/L
RT: 2.793 min Scan# 452
Delta R.T. -0.000 min
Lab File: VU052710.D
Acq: 16 Jan 2023 18:54

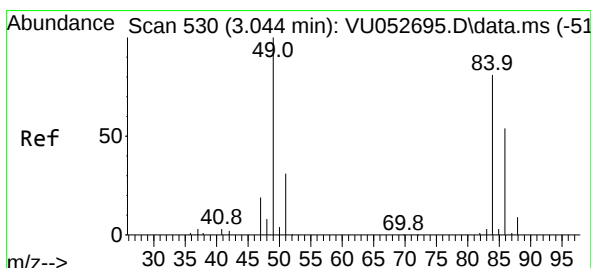
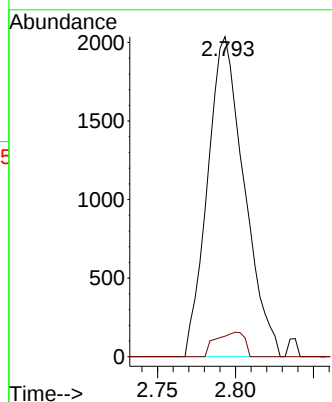
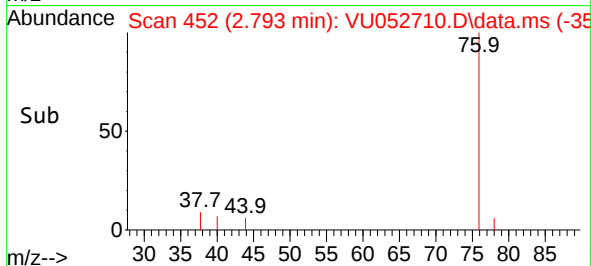
Instrument :
MSVOA_U
ClientSampleId :
BH1X2



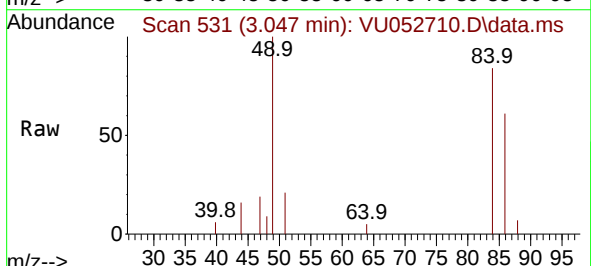
Tgt Ion: 76 Resp: 3328
Ion Ratio Lower Upper
76 100
78 6.4 7.0 10.6

Manual Integrations
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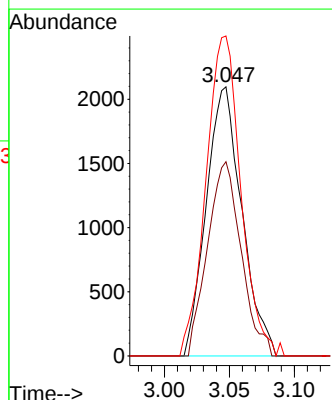
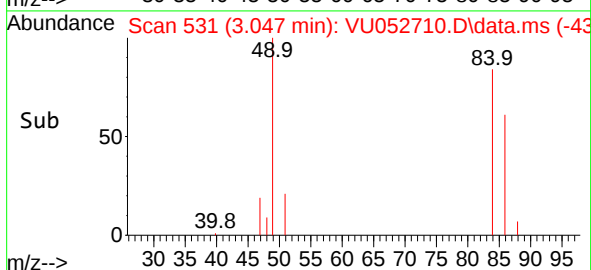
Reviewed By :Krupa Patel 01/17/2023
Supervised By :Mahesh Dadoda 01/18/2023

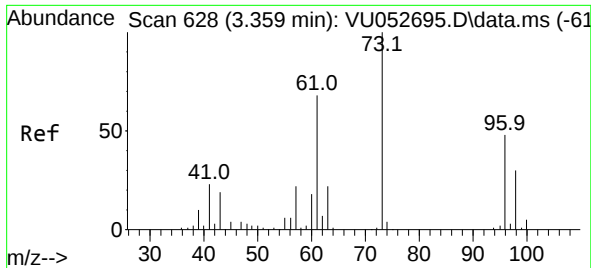


#16
Methylene chloride
Concen: 1.162 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU052710.D
Acq: 16 Jan 2023 18:54



Tgt Ion: 84 Resp: 3996
Ion Ratio Lower Upper
84 100
86 72.2 45.6 84.6
49 118.9 94.8 176.0





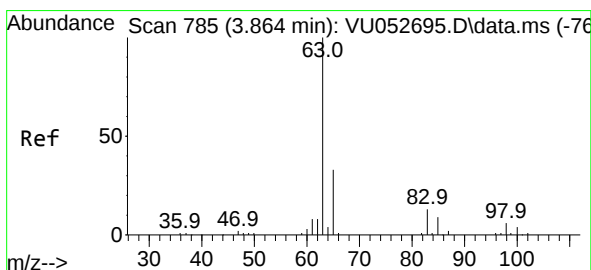
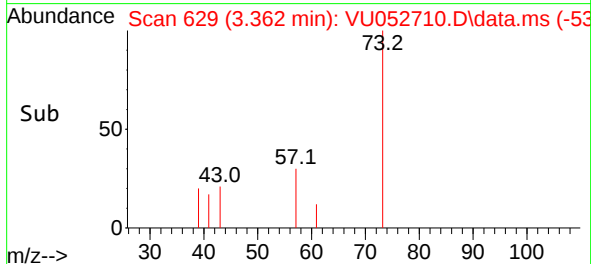
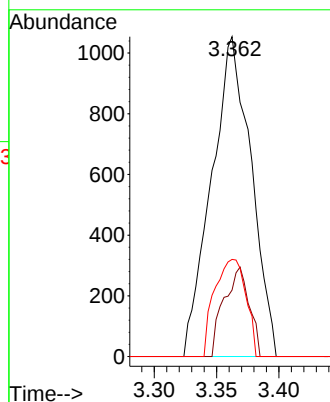
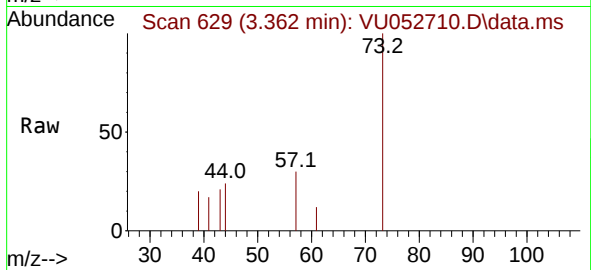
#17
Methyl tert-butyl Ether
Concen: 0.408 ug/L
RT: 3.362 min Scan# 611
Delta R.T. 0.003 min
Lab File: VU052710.D
Acq: 16 Jan 2023 18:54

Instrument :
MSVOA_U
ClientSampleId :
BH1X2

Tgt Ion: 73 Resp: 233
Ion Ratio Lower Upper
73 100
43 17.8 15.8 23.8
57 23.9 18.6 28.0

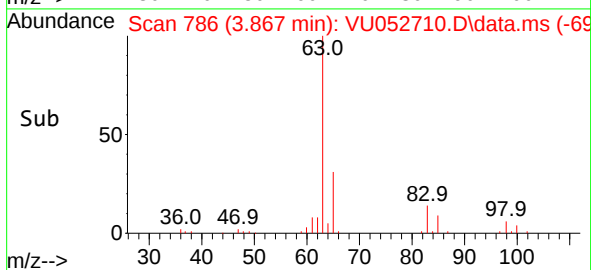
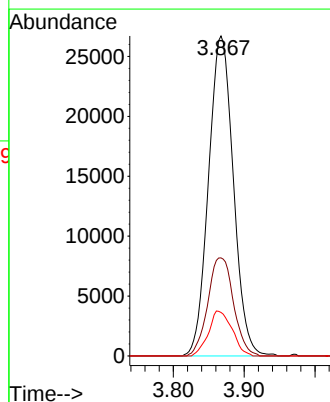
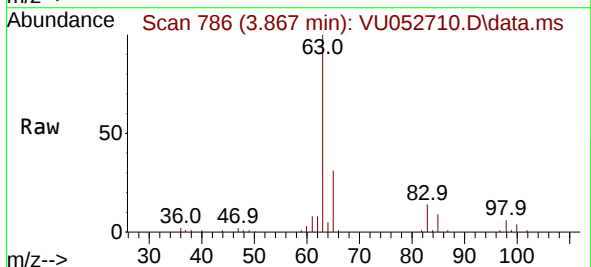
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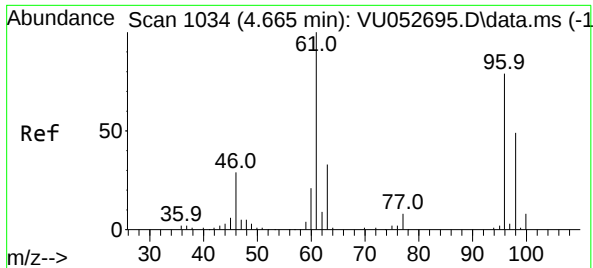
Reviewed By :Krupa Patel 01/17/2023
Supervised By :Mahesh Dadoda 01/18/2023



#19
1,1-Dichloroethane
Concen: 11.874 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.003 min
Lab File: VU052710.D
Acq: 16 Jan 2023 18:54

Tgt Ion: 63 Resp: 64991
Ion Ratio Lower Upper
63 100
65 30.6 22.0 41.0
83 13.6 8.9 16.5





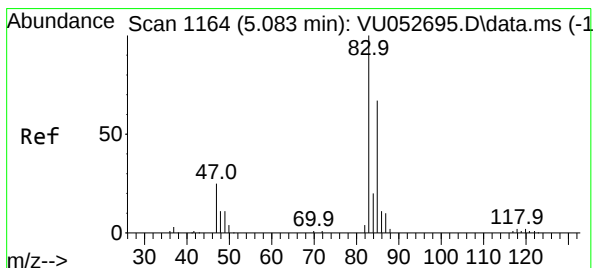
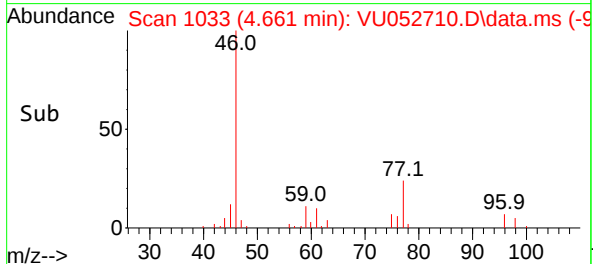
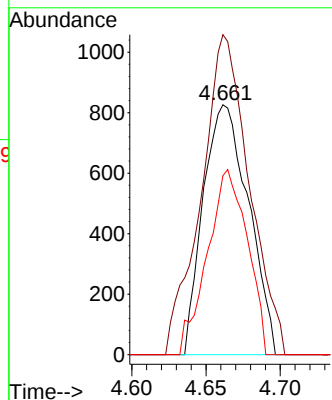
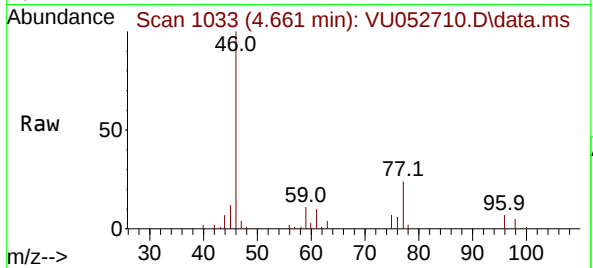
#22
cis-1,2-Dichloroethene
Concen: 0.620 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU052710.D
Acq: 16 Jan 2023 18:54

Instrument :
MSVOA_U
ClientSampleId :
BH1X2

Tgt Ion: 96 Resp: 175
Ion Ratio Lower Upper
96 100
61 128.1 94.6 175.8
98 71.7 43.3 80.3

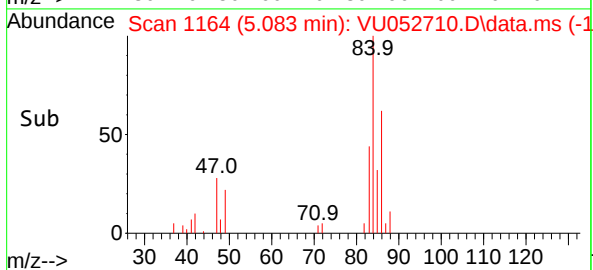
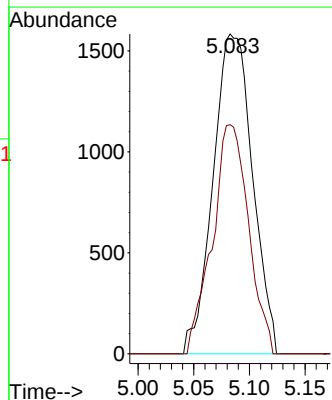
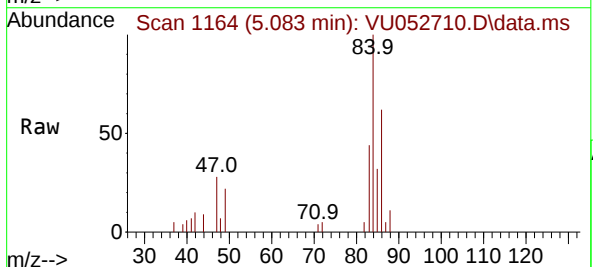
Manual Integrations
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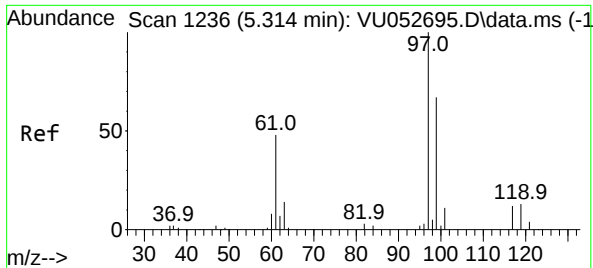
Reviewed By :Krupa Patel 01/17/2023
Supervised By :Mahesh Dadoda 01/18/2023



#25
Chloroform
Concen: 0.726 ug/L
RT: 5.083 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VU052710.D
Acq: 16 Jan 2023 18:54

Tgt Ion: 83 Resp: 3907
Ion Ratio Lower Upper
83 100
85 71.7 45.6 84.6





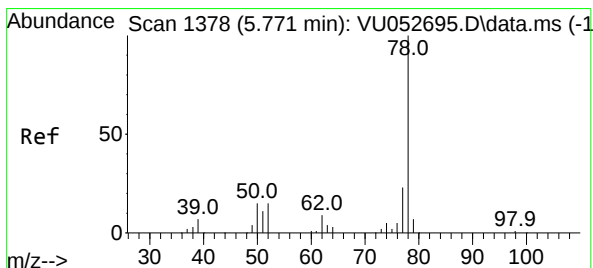
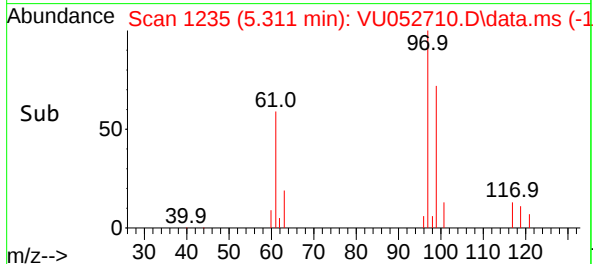
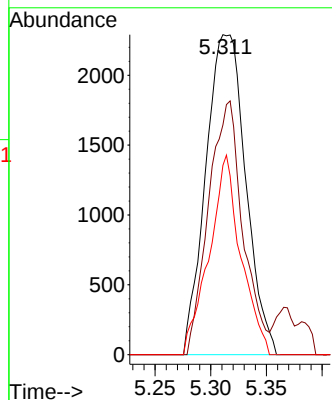
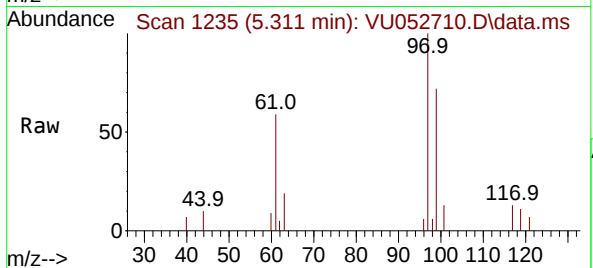
#29
1,1,1-Trichloroethane
Concen: 1.228 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VU052710.D
Acq: 16 Jan 2023 18:54

Instrument :
MSVOA_U
ClientSampleId :
BH1X2

Tgt Ion: 97 Resp: 571
Ion Ratio Lower Upper
97 100
99 68.5 52.4 78.6
61 49.4 38.5 57.7

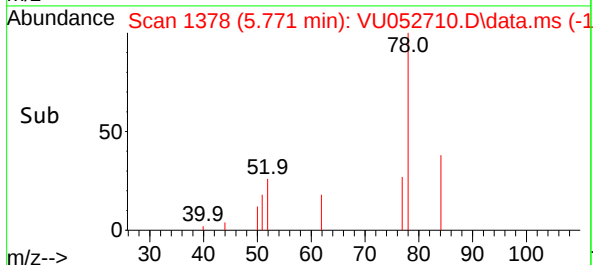
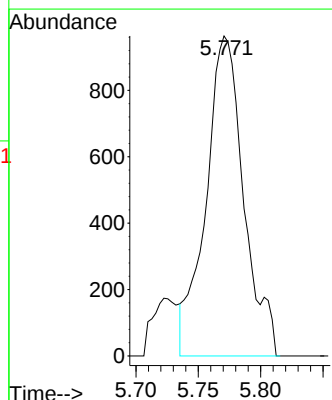
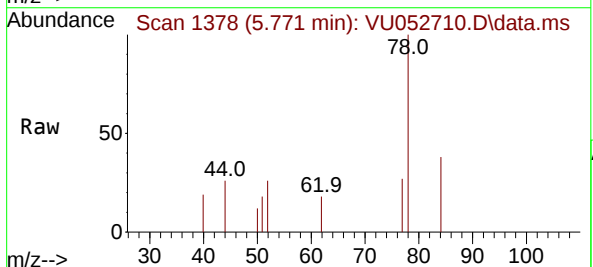
Manual Integrations
APPROVED

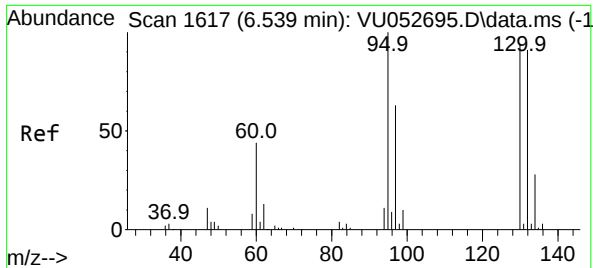
Reviewed By :Krupa Patel 01/17/2023
Supervised By :Mahesh Dadoda 01/18/2023



#33
Benzene
Concen: 0.173 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU052710.D
Acq: 16 Jan 2023 18:54

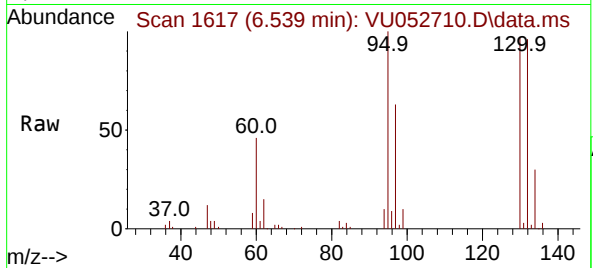
Tgt Ion: 78 Resp: 2029





#34
Trichloroethene
Concen: 17.744 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052710.D
Acq: 16 Jan 2023 18:54

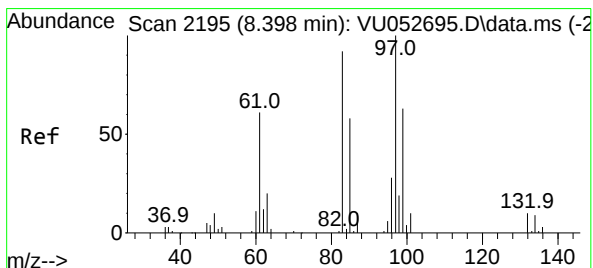
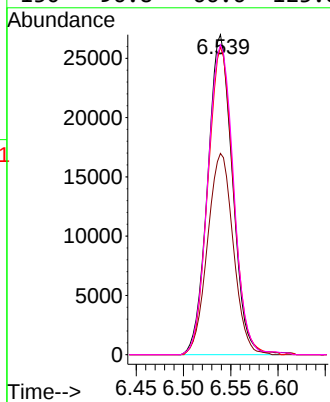
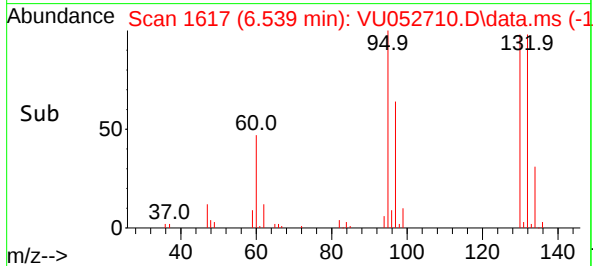
Instrument :
MSVOA_U
ClientSampleId :
BH1X2



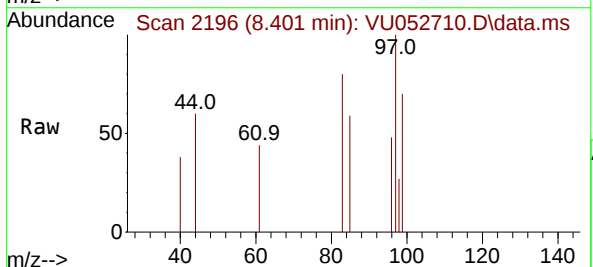
Tgt Ion: 95 Resp: 49270
Ion Ratio Lower Upper
95 100
97 62.9 46.0 85.4
132 96.2 64.0 118.8
130 96.8 66.6 123.8

Manual Integrations
APPROVED

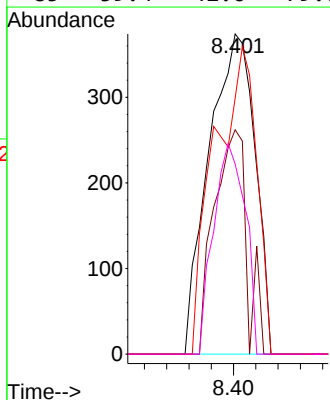
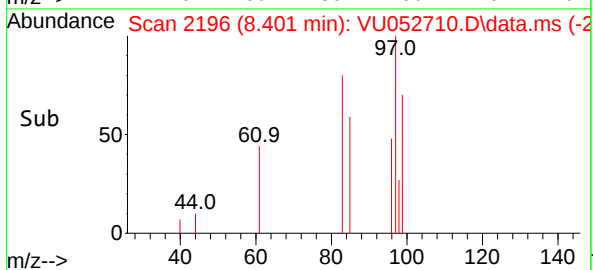
Reviewed By :Krupa Patel 01/17/2023
Supervised By :Mahesh Dadoda 01/18/2023

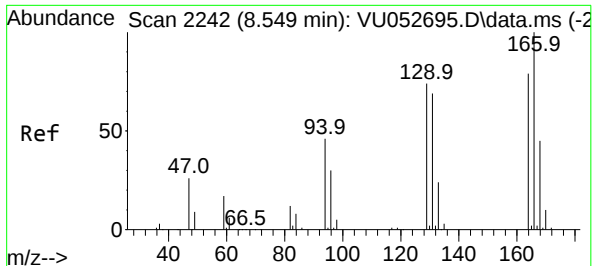


#45
1,1,2-Trichloroethane
Concen: 0.271 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.006 min
Lab File: VU052710.D
Acq: 16 Jan 2023 18:54



Tgt Ion: 97 Resp: 537
Ion Ratio Lower Upper
97 100
99 70.1 44.8 83.2
83 79.9 65.3 121.3
85 59.4 42.6 79.0





#47

Tetrachloroethene

Concen: 0.399 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052710.D

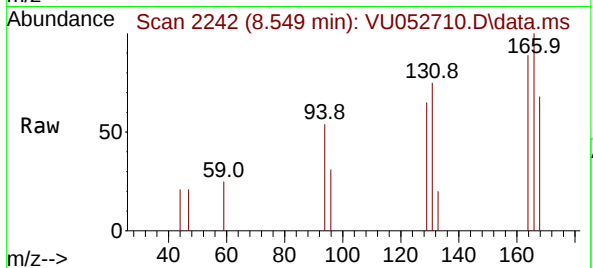
Acq: 16 Jan 2023 18:54

Instrument :

MSVOA_U

ClientSampleId :

BH1X2



Tgt Ion:164 Resp: 810

Ion Ratio Lower Upper

164 100

129 73.4 71.8 133.4

131 84.1 66.6 123.6

166 112.4 89.9 167.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/17/2023

Supervised By :Mahesh Dadoda 01/18/2023

