

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101124\
 Data File : VU061115.D
 Acq On : 11 Oct 2024 13:49
 Operator : MD/SY
 Sample : P4380-23
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E27G8

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
 Supervised By :Semsettin Yesilyurt 10/14/2024

Quant Time: Oct 14 04:19:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 11 06:46:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	158219	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	148372	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	73370	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	38103	3.368	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.400%
7) Chloroethane-d5	1.901	69	33618	3.970	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	2.554	65	18323	3.672	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.400%
20) 2-Butanone-d5	4.682	46	116338	42.935	ug/L	0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.880%
24) Chloroform-d	5.052	84	84931	4.260	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.695	65	44840	4.243	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	5.714	84	165946	4.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.682	67	55867	4.348	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.888	98	150938	4.128	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	8.174	79	21597	3.931	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.634	63	105453	46.378	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.760%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	41764	4.433	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	53546	4.564	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%

Target Compounds						Qvalue
3) Chloromethane	1.512	50	1876	0.168	ug/L	99
13) Acetone	2.743	43	44776m	25.695	ug/L	
14) Carbon disulfide	2.779	76	3558	0.115	ug/L #	84
21) 2-Butanone	4.766	43	16780m	5.849	ug/L	
22) cis-1,2-Dichloroethene	4.656	96	1489	0.133	ug/L	86
33) Benzene	5.762	78	11097	0.254	ug/L	100
35) Methylcyclohexane	6.750	83	1374	0.072	ug/L	95
42) Toluene	7.962	91	24073	0.517	ug/L	98
52) Ethylbenzene	9.563	91	8638	0.164	ug/L	96
53) m,p-Xylene	9.685	106	4640	0.241	ug/L	87
54) o-Xylene	10.097	106	5295	0.279	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	20422	0.472	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	10767	0.247	ug/L	91
70) 1,2,4-trichlorobenzene	13.836	180	5636	0.497	ug/L	95
72) 1,2,3-Trichlorobenzene	14.325	180	5071	0.537	ug/L #	90

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

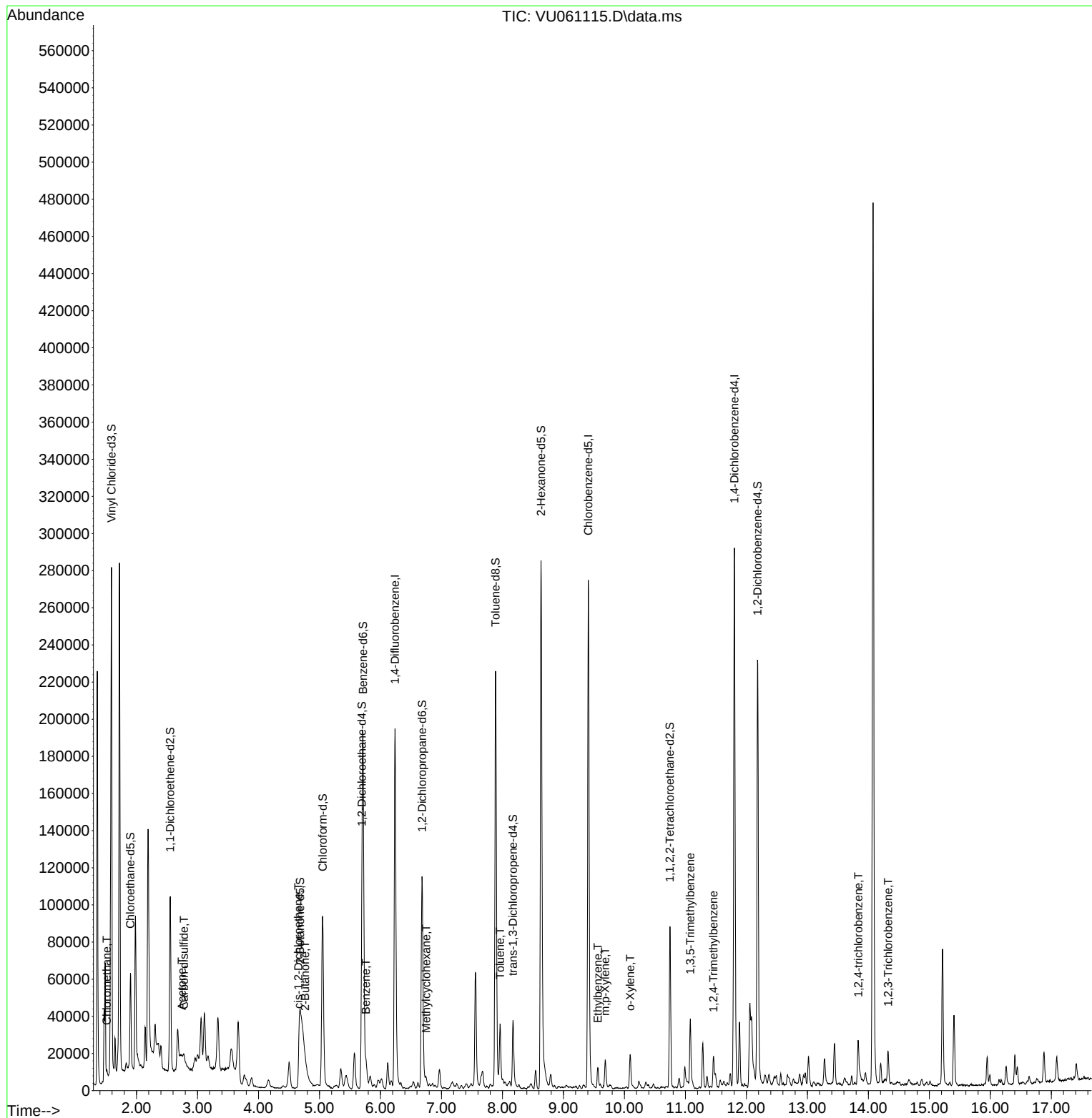
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101124\
Data File : VU061115.D
Acq On : 11 Oct 2024 13:49
Operator : MD/SY
Sample : P4380-23
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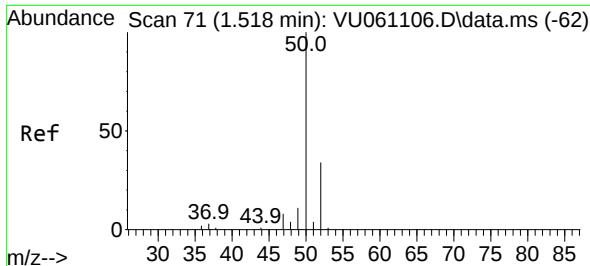
Instrument :
MSVOA_U
ClientSampleId :
E27G8

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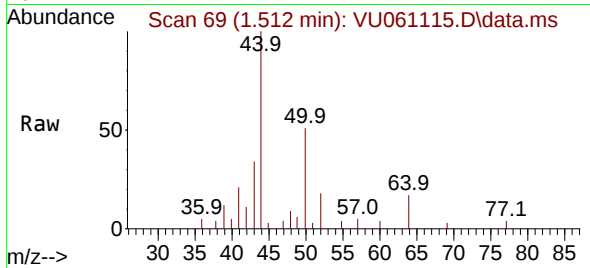
Quant Time: Oct 14 04:19:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 11 06:46:55 2024
Response via : Initial Calibration





#3
Chloromethane
Concen: 0.168 ug/L
RT: 1.512 min Scan# 61
Delta R.T. -0.006 min
Lab File: VU061115.D
Acq: 11 Oct 2024 13:49

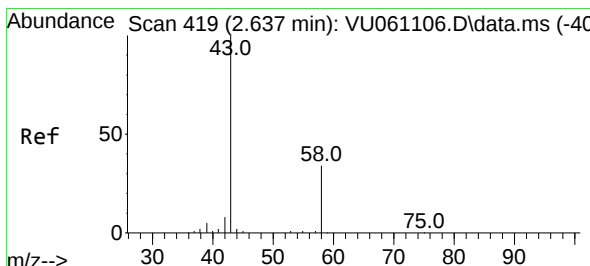
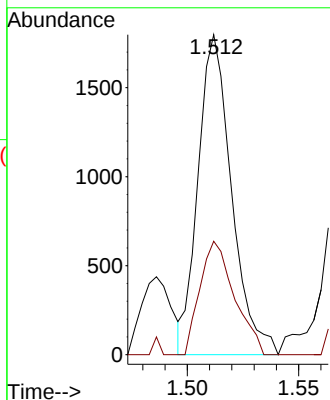
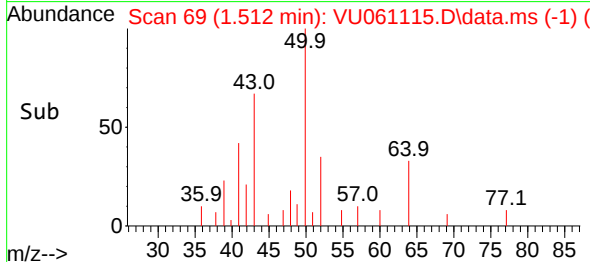
Instrument :
MSVOA_U
ClientSampleId :
E27G8



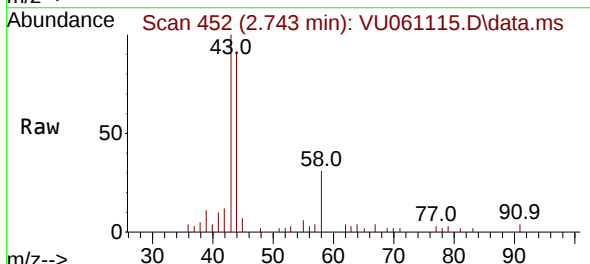
Tgt Ion: 50 Resp: 1870
Ion Ratio Lower Upper
50 100
52 35.4 24.4 45.4

Manual Integrations
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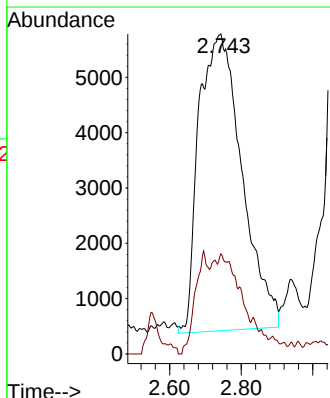
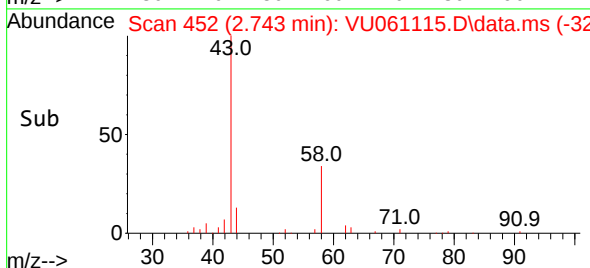
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024

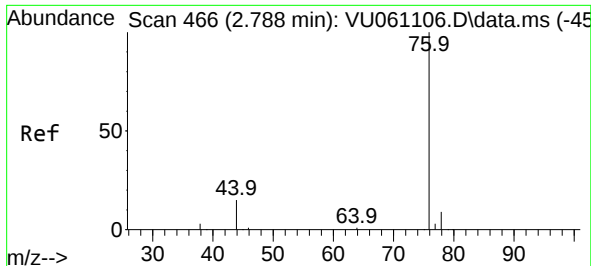


#13
Acetone
Concen: 25.695 ug/L m
RT: 2.743 min Scan# 452
Delta R.T. 0.109 min
Lab File: VU061115.D
Acq: 11 Oct 2024 13:49



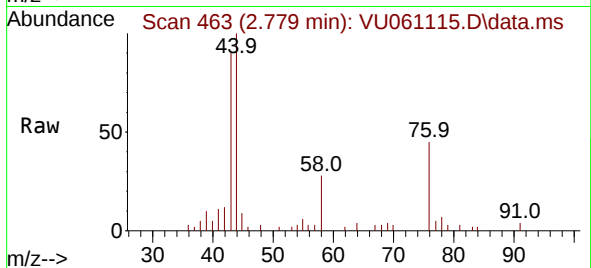
Tgt Ion: 43 Resp: 44776
Ion Ratio Lower Upper
43 100
58 10.7 0.0 69.6





#14
Carbon disulfide
Concen: 0.115 ug/L
RT: 2.779 min Scan# 40
Delta R.T. -0.010 min
Lab File: VU061115.D
Acq: 11 Oct 2024 13:49

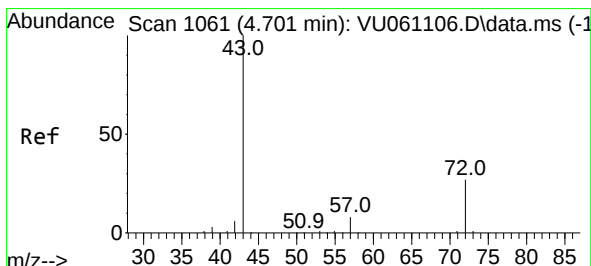
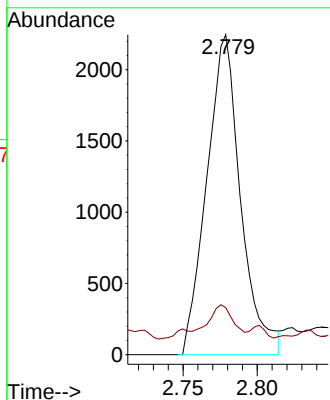
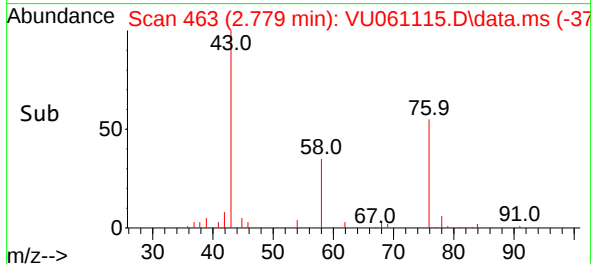
Instrument :
MSVOA_U
ClientSampleId :
E27G8



Tgt Ion: 76 Resp: 3558
Ion Ratio Lower Upper
76 100
78 14.7 7.1 10.7

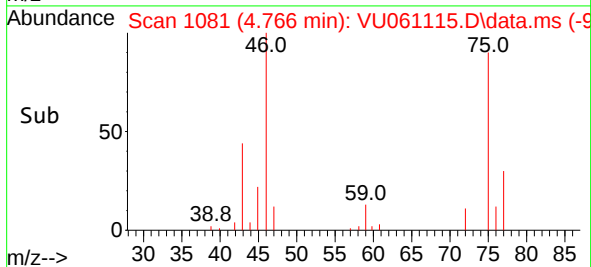
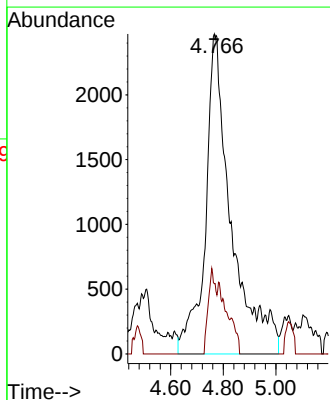
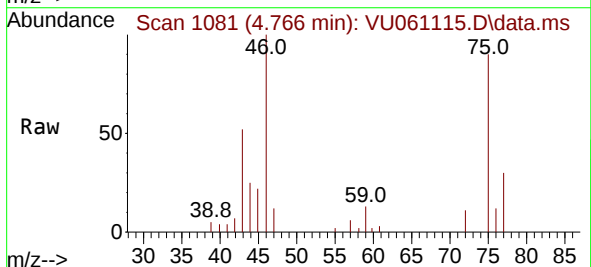
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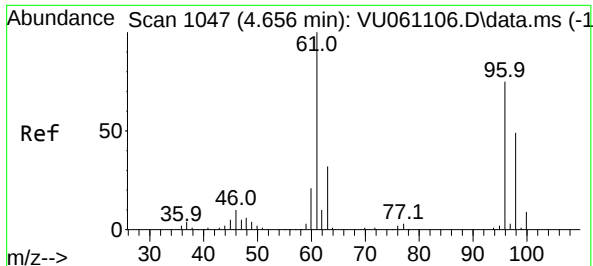
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#21
2-Butanone
Concen: 5.849 ug/L m
RT: 4.766 min Scan# 1081
Delta R.T. 0.064 min
Lab File: VU061115.D
Acq: 11 Oct 2024 13:49

Tgt Ion: 43 Resp: 16780
Ion Ratio Lower Upper
43 100
72 0.0 14.8 44.3#





#22

cis-1,2-Dichloroethene

Concen: 0.133 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU061115.D

Acq: 11 Oct 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

E27G8

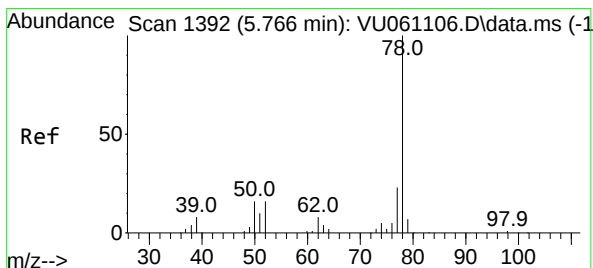
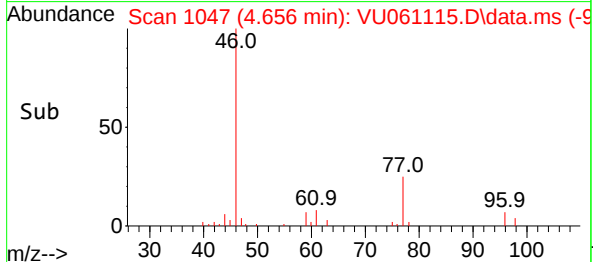
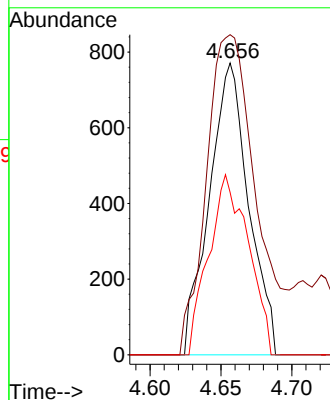
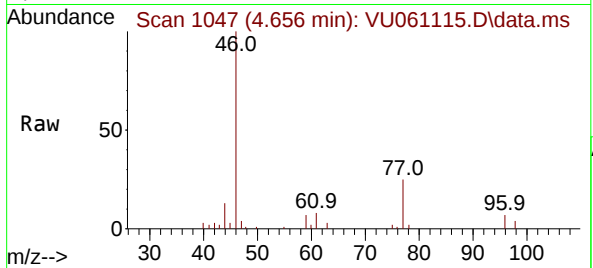
Tgt Ion: 96 Resp: 1489

Ion	Ratio	Lower	Upper
96	100		
61	109.7	89.7	166.5
98	55.6	45.1	83.9

Manual Integrations

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#33

Benzene

Concen: 0.254 ug/L

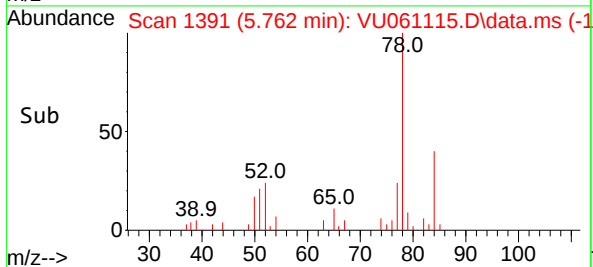
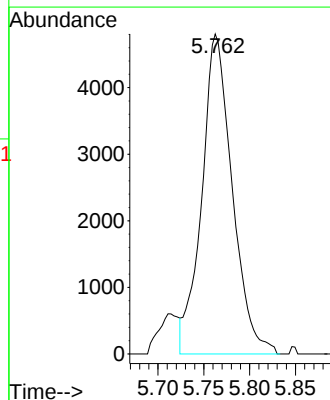
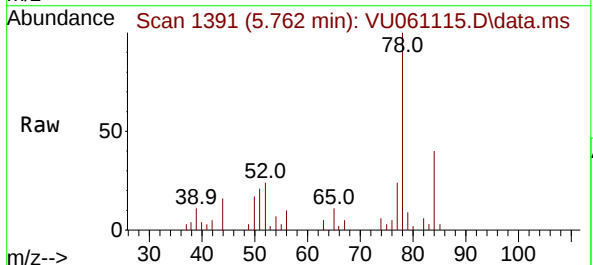
RT: 5.762 min Scan# 1391

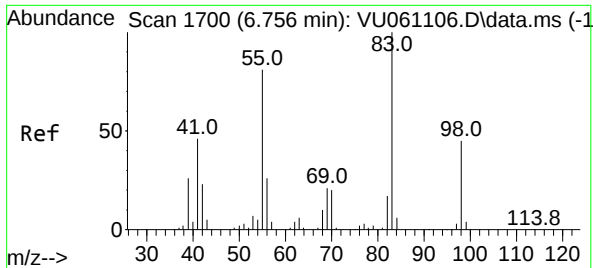
Delta R.T. -0.003 min

Lab File: VU061115.D

Acq: 11 Oct 2024 13:49

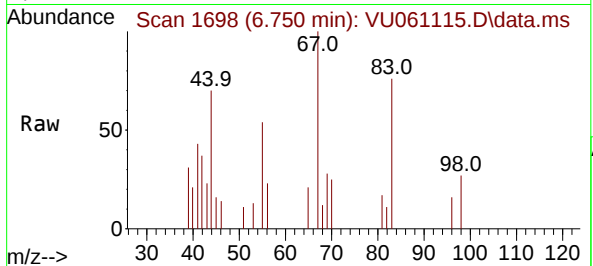
Tgt Ion: 78 Resp: 11097





#35
Methylcyclohexane
Concen: 0.072 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VU061115.D
Acq: 11 Oct 2024 13:49

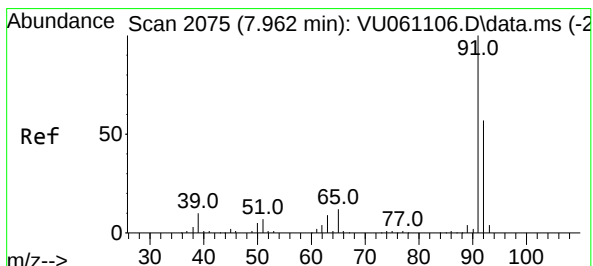
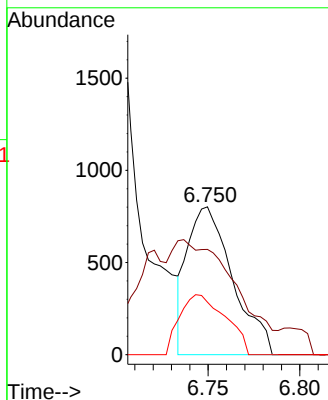
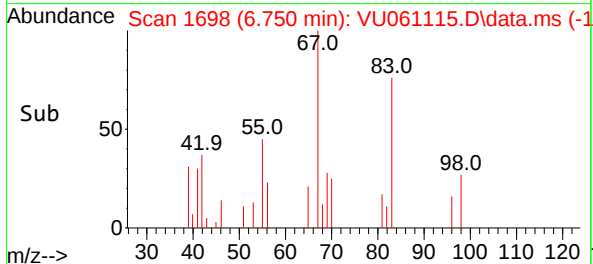
Instrument :
MSVOA_U
ClientSampleId :
E27G8



Tgt Ion: 83 Resp: 1374
Ion Ratio Lower Upper
83 100
55 81.1 62.6 94.0
98 41.2 37.6 56.4

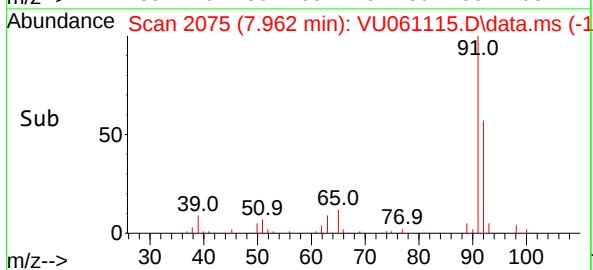
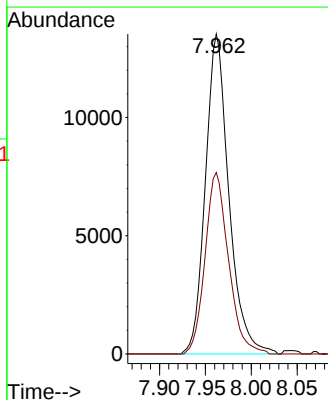
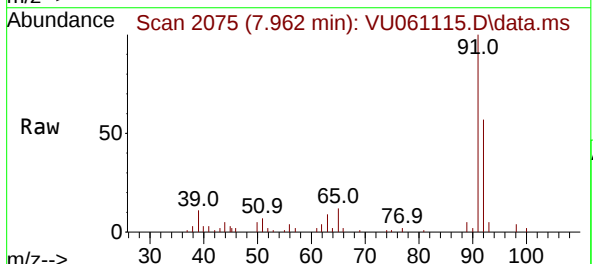
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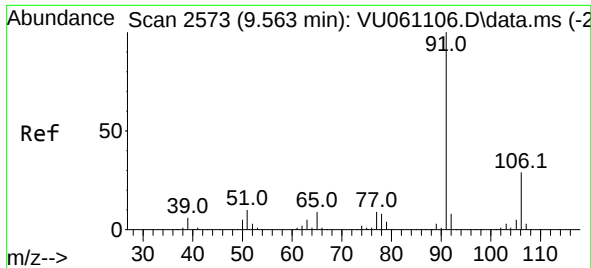
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#42
Toluene
Concen: 0.517 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU061115.D
Acq: 11 Oct 2024 13:49

Tgt Ion: 91 Resp: 24073
Ion Ratio Lower Upper
91 100
92 56.7 40.5 75.3





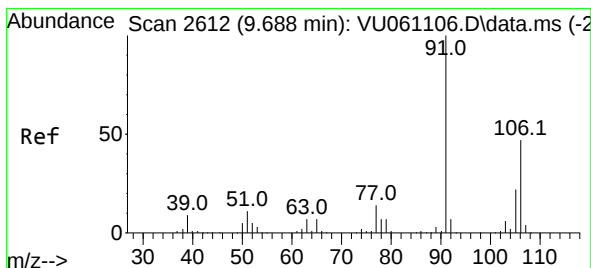
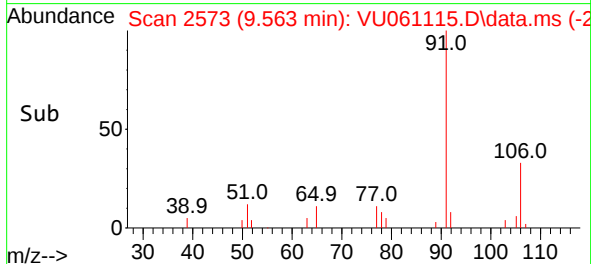
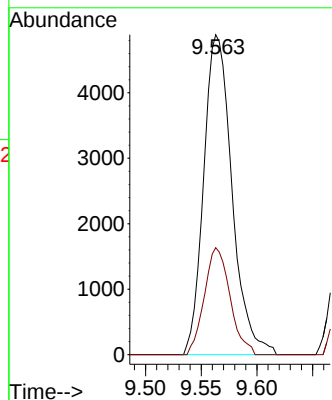
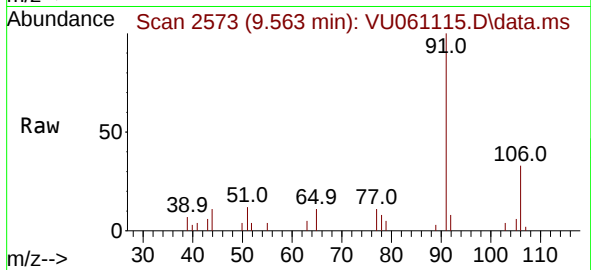
#52
Ethylbenzene
Concen: 0.164 ug/L
RT: 9.563 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VU061115.D
Acq: 11 Oct 2024 13:49

Instrument :
MSVOA_U
ClientSampleId :
E27G8

Tgt Ion: 91 Resp: 8638
Ion Ratio Lower Upper
91 100
106 33.4 21.8 40.6

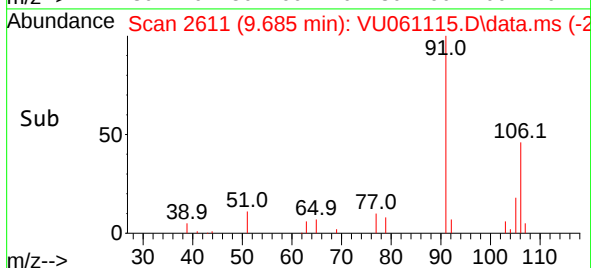
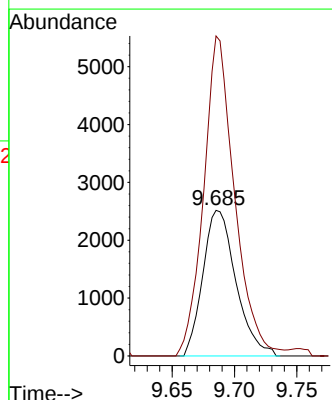
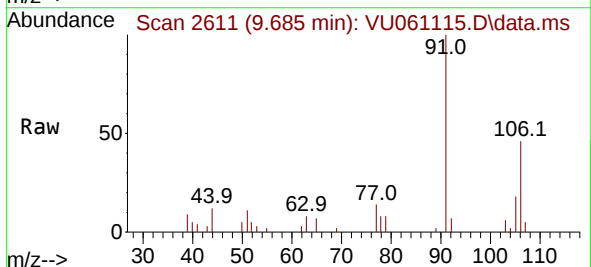
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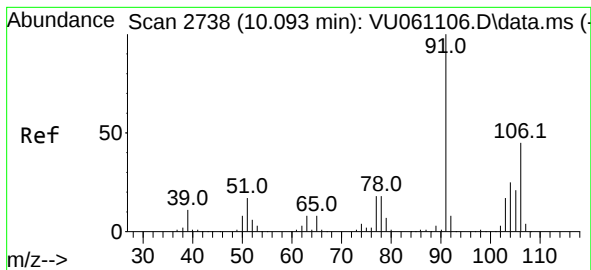
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#53
m,p-Xylene
Concen: 0.241 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU061115.D
Acq: 11 Oct 2024 13:49

Tgt Ion:106 Resp: 4640
Ion Ratio Lower Upper
106 100
91 219.7 139.7 259.4





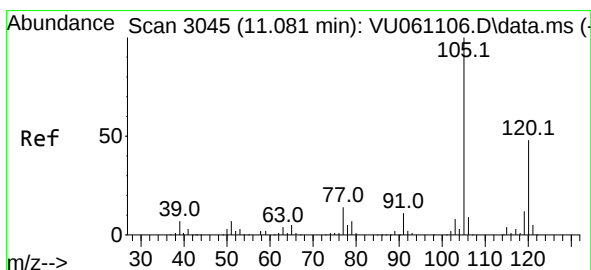
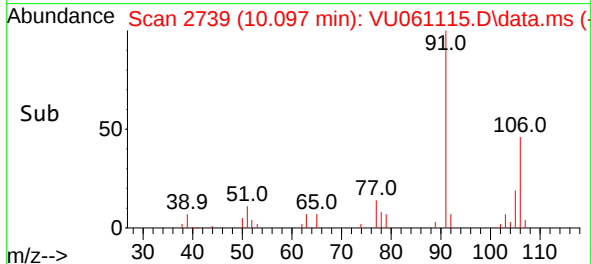
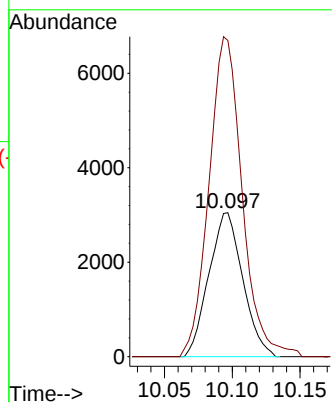
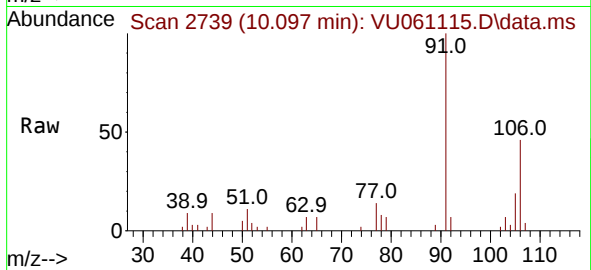
#54
o-Xylene
Concen: 0.279 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU061115.D
Acq: 11 Oct 2024 13:49

Instrument :
MSVOA_U
ClientSampleId :
E27G8

Tgt Ion:106 Resp: 529
Ion Ratio Lower Upper
106 100
91 219.4 148.6 276.0

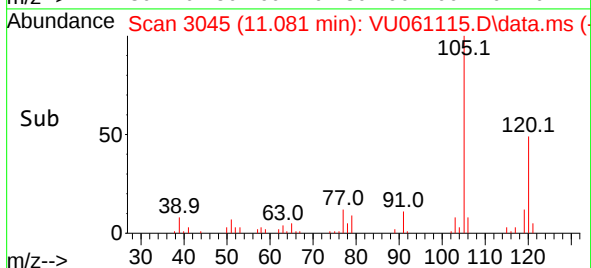
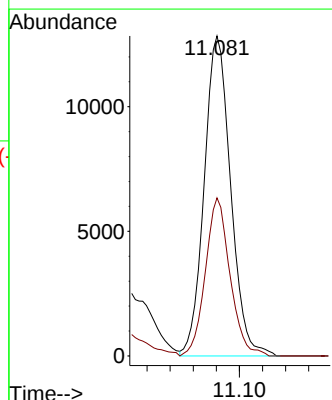
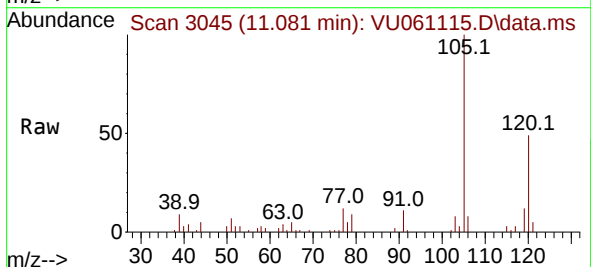
Manual Integrations
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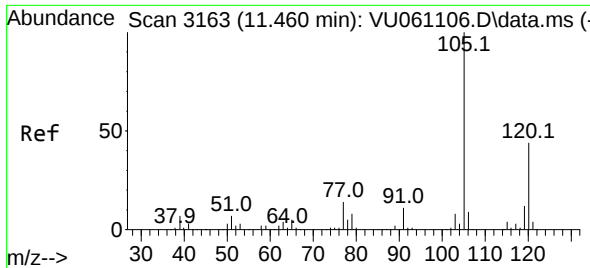
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#62
1,3,5-Trimethylbenzene
Concen: 0.472 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU061115.D
Acq: 11 Oct 2024 13:49

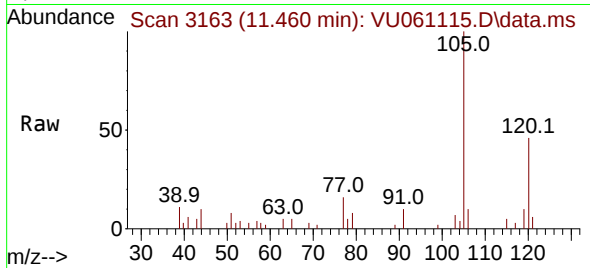
Tgt Ion:105 Resp: 20422
Ion Ratio Lower Upper
105 100
120 46.0 38.5 57.7





#63
1,2,4-Trimethylbenzene
Concen: 0.247 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU061115.D
Acq: 11 Oct 2024 13:49

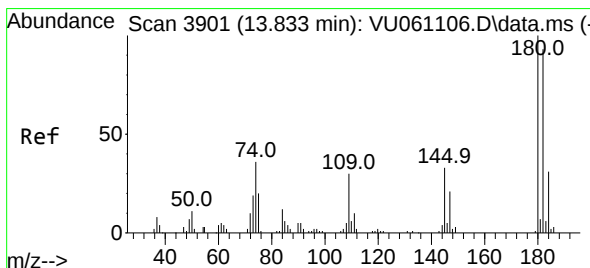
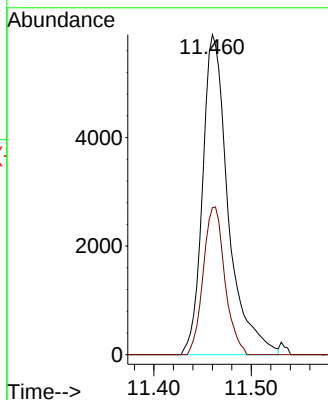
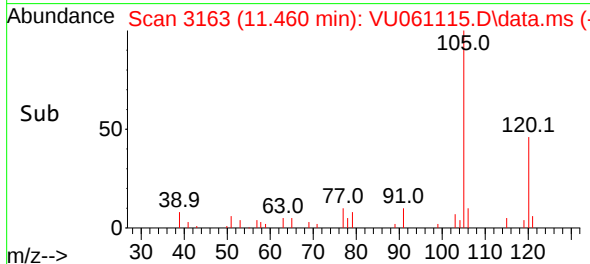
Instrument :
MSVOA_U
ClientSampleId :
E27G8



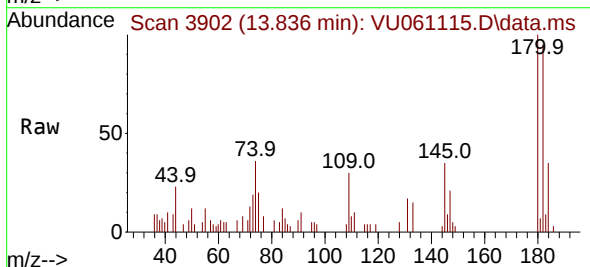
Tgt Ion:105 Resp: 1076
Ion Ratio Lower Upper
105 100
120 38.9 36.1 54.1

Manual Integrations
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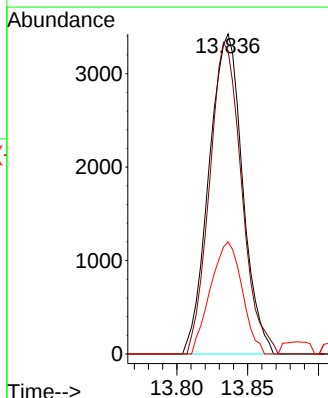
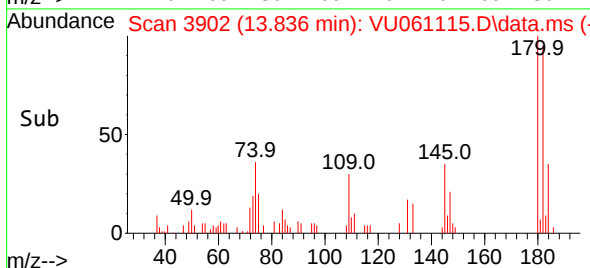
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024

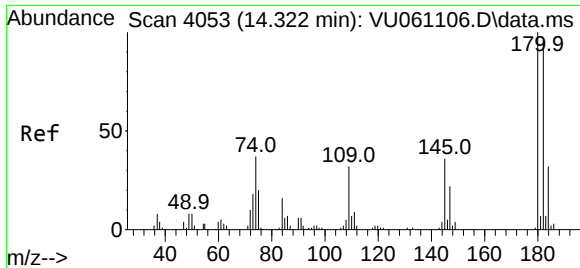


#70
1,2,4-trichlorobenzene
Concen: 0.497 ug/L
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU061115.D
Acq: 11 Oct 2024 13:49



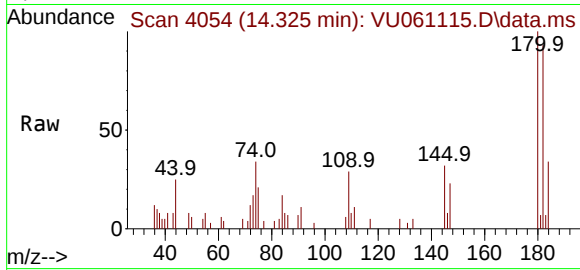
Tgt Ion:180 Resp: 5636
Ion Ratio Lower Upper
180 100
182 93.0 77.4 116.2
145 33.0 22.9 34.3





#72
 1,2,3-Trichlorobenzene
 Concen: 0.537 ug/L
 RT: 14.325 min Scan# 4053
 Delta R.T. 0.003 min
 Lab File: VU061115.D
 Acq: 11 Oct 2024 13:49

Instrument :
 MSVOA_U
 ClientSampleId :
 E27G8



Tgt Ion:180 Resp: 507

Ion	Ratio	Lower	Upper
180	100		
182	100.4	75.7	113.5
145	41.5	23.5	35.3

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
 Supervised By :Semsettin Yesilyurt 10/14/2024

