

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082824\
 Data File : VU060557.D
 Acq On : 28 Aug 2024 13:35
 Operator : MD/SY
 Sample : P3755-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COUE3

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/29/2024
 Supervised By :Semsettin Yesilyurt 08/29/2024

Quant Time: Aug 29 05:47:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 29 05:46:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	172254	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	174037	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	79134	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	31149	4.094	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	81.800%		
7) Chloroethane-d5	1.907	69	32709	2.838	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	56.800%#		
11) 1,1-Dichloroethene-d2	2.560	65	15209	3.392	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	67.800%		
20) 2-Butanone-d5	4.644	46	128394	49.075	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery =	98.160%		
24) Chloroform-d	5.055	84	91854	4.235	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	84.600%		
26) 1,2-Dichloroethane-d4	5.695	65	45790	4.046	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	81.000%		
32) Benzene-d6	5.721	84	171291	4.501	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	90.000%		
36) 1,2-Dichloropropane-d6	6.685	67	59340	4.833	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	96.600%		
41) Toluene-d8	7.891	98	141635	3.967	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	79.400%		
43) trans-1,3-Dichloroprop...	8.174	79	19327	4.399	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	88.000%		
46) 2-Hexanone-d5	8.631	63	87658	41.668	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	83.340%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	49518	4.532	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	90.600%		
66) 1,2-Dichlorobenzene-d4	12.187	152	55667	4.771	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	95.400%		
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	291818	17.499	ug/L	97
12) 1,1-Dichloroethene	2.573	96	3195159	226.325	ug/L #	74
16) Methylene chloride	3.036	84	1031352	75.210	ug/L	84
18) trans-1,2-Dichloroethene	3.348	96	224562	18.272	ug/L	96
19) 1,1-Dichloroethane	3.859	63	666793	26.772	ug/L	95
22) cis-1,2-Dichloroethene	4.647	96	28121504m	2053.366	ug/L	
25) Chloroform	5.078	83	21228	0.805	ug/L	87
27) 1,2-Dichloroethane	5.792	62	34451	1.947	ug/L #	93
29) 1,1,1-Trichloroethane	5.309	97	12845755	538.911	ug/L	96
34) Trichloroethene	6.534	95	21294446m	1423.194	ug/L	
42) Toluene	7.965	91	120559	2.067	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	83975	8.196	ug/L	96
52) Ethylbenzene	9.563	91	130712	2.115	ug/L	98
53) m,p-Xylene	9.685	106	244533	10.641	ug/L	99
54) o-Xylene	10.094	106	259270	11.020	ug/L	97
60) Isopropylbenzene	10.479	105	18624	0.352	ug/L	100

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

Instrument :

MSVOA_U

ClientSampleId :

C0UE3

Manual Integrations

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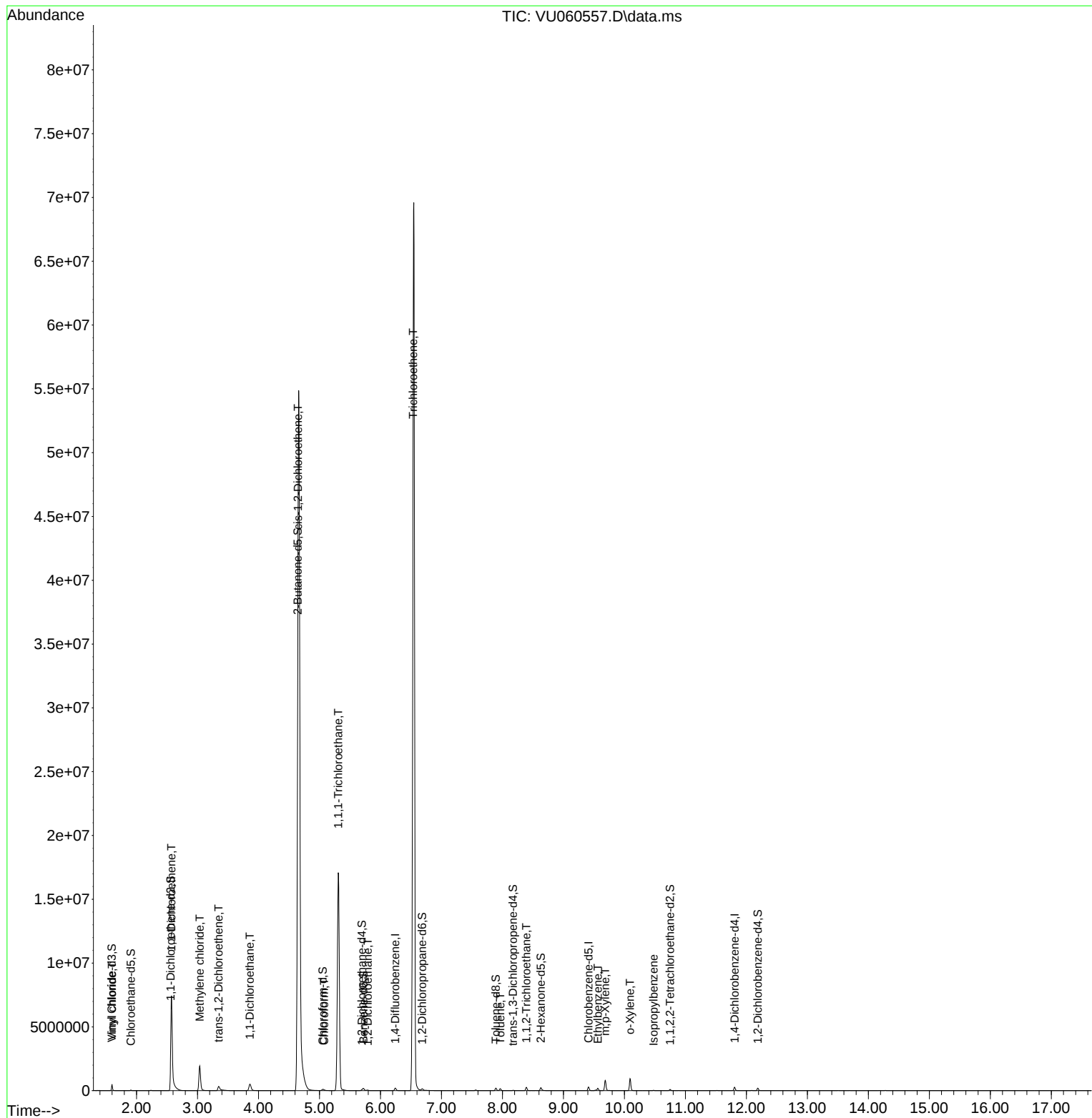
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082824\
Data File : VU060557.D
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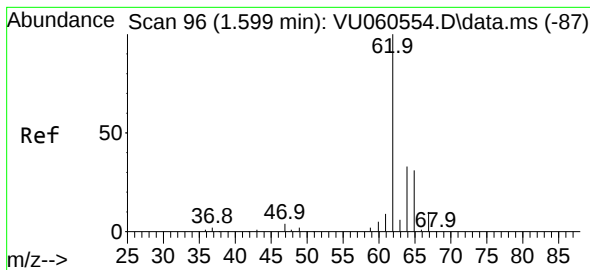
Instrument :
MSVOA_U
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Aug 29 05:46:35 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 17.499 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU060557.D

Acq: 28 Aug 2024 13:35

Instrument :

MSVOA_U

ClientSampleId :

C0UE3

Tgt Ion: 62 Resp: 291818

Ion Ratio Lower Upper

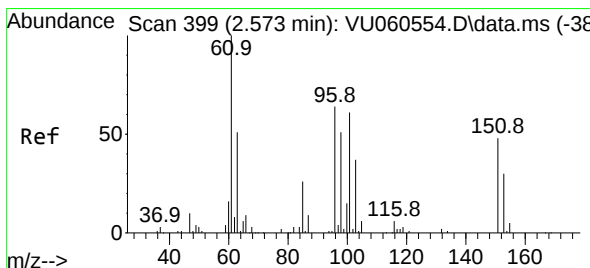
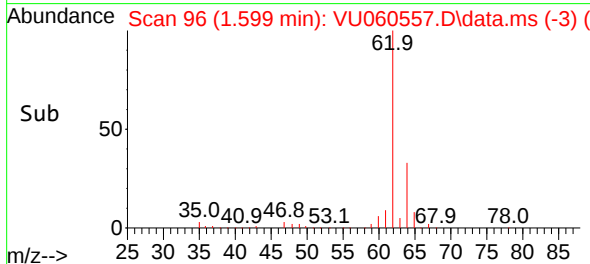
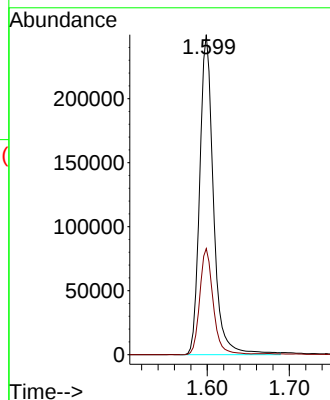
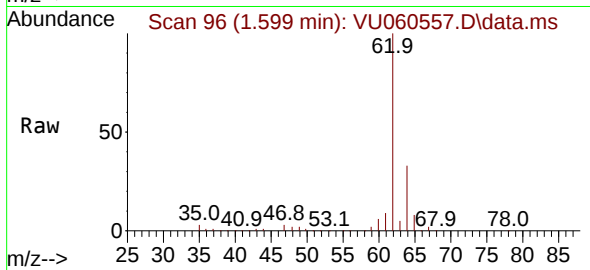
62 100

64 33.2 22.0 40.8

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 226.325 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU060557.D

Acq: 28 Aug 2024 13:35

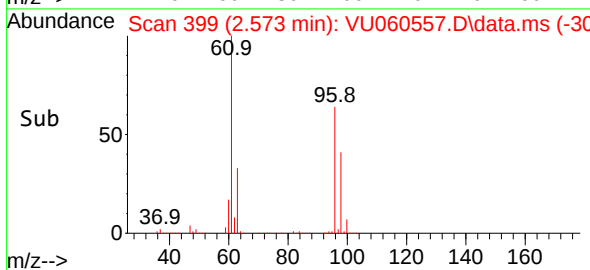
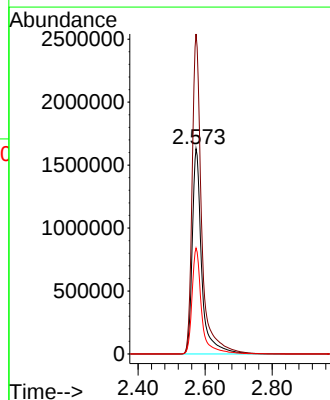
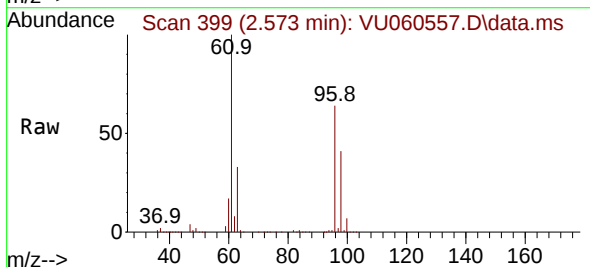
Tgt Ion: 96 Resp: 3195159

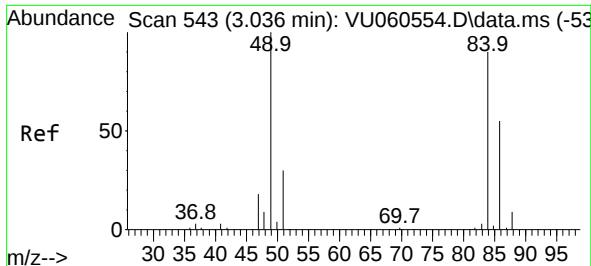
Ion Ratio Lower Upper

96 100

61 155.9 116.4 216.2

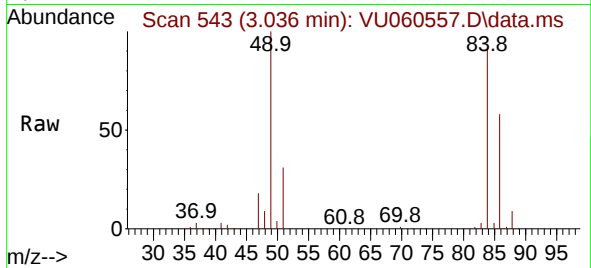
63 51.6 74.8 139.0#





#16
Methylene chloride
Concen: 75.210 ug/L
RT: 3.036 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU060557.D
Acq: 28 Aug 2024 13:35

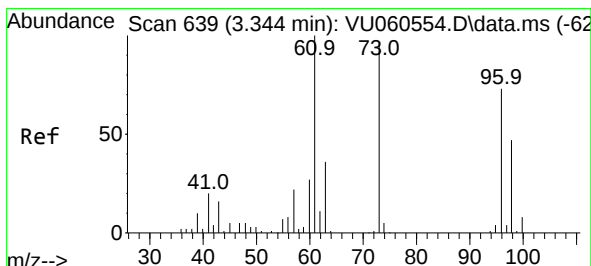
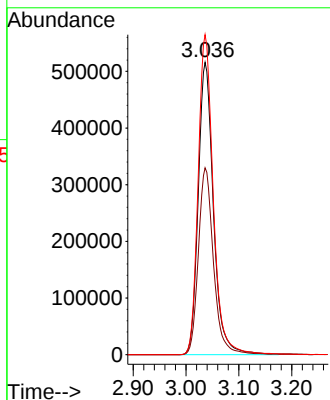
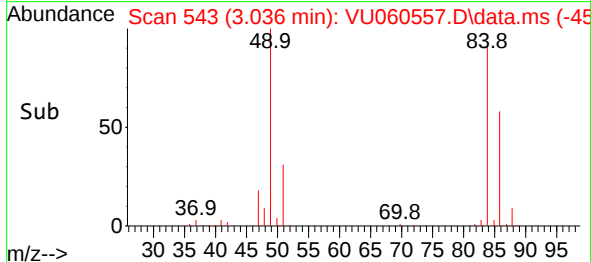
Instrument :
MSVOA_U
ClientSampleId :
C0UE3



Tgt Ion: 84 Resp: 1031352
Ion Ratio Lower Upper
84 100
86 63.9 47.5 88.3
49 109.5 94.4 175.2

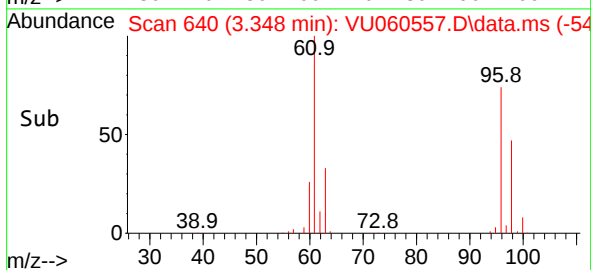
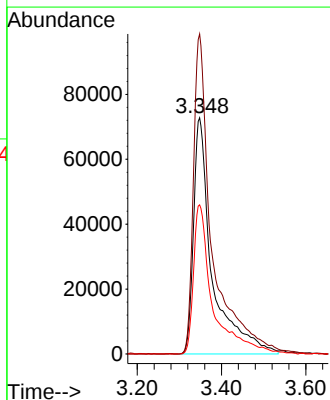
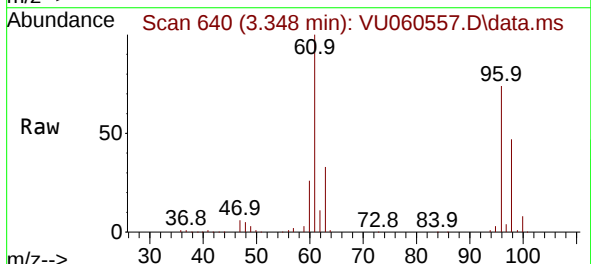
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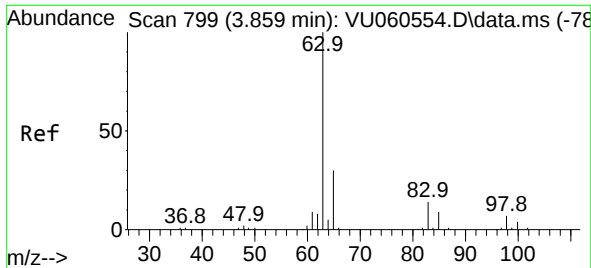
Reviewed By :Mahesh Dadoda 08/29/2024
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#18
trans-1,2-Dichloroethene
Concen: 18.272 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU060557.D
Acq: 28 Aug 2024 13:35

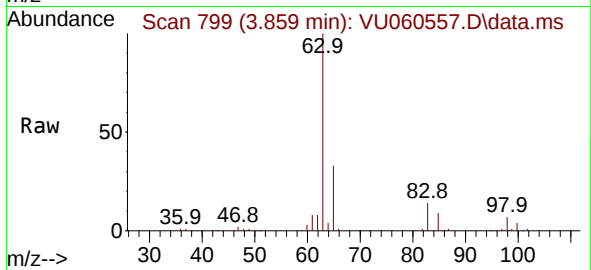
Tgt Ion: 96 Resp: 224562
Ion Ratio Lower Upper
96 100
61 135.5 99.2 184.2
98 63.2 44.0 81.8





#19
1,1-Dichloroethane
Concen: 26.772 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU060557.D
Acq: 28 Aug 2024 13:35

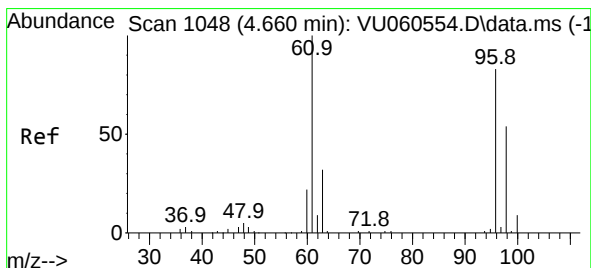
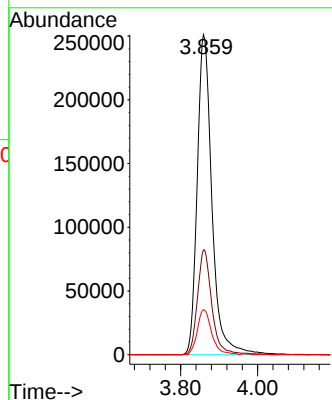
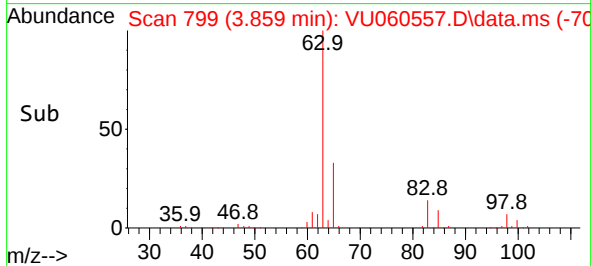
Instrument :
MSVOA_U
ClientSampleId :
COUE3



Tgt Ion: 63 Resp: 666793
Ion Ratio Lower Upper
63 100
65 32.8 20.5 38.1
83 14.0 9.2 17.2

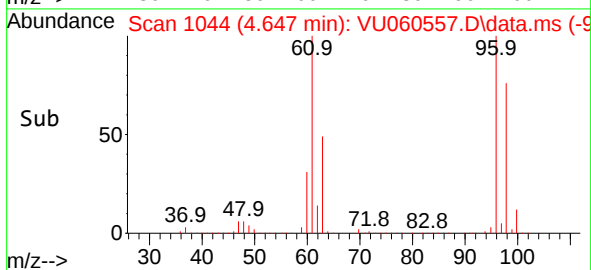
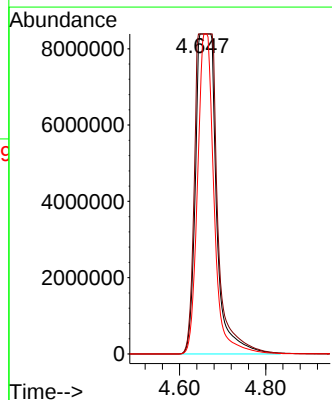
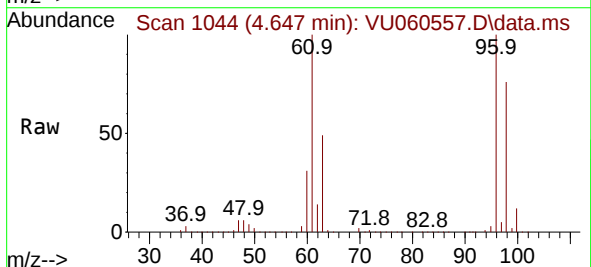
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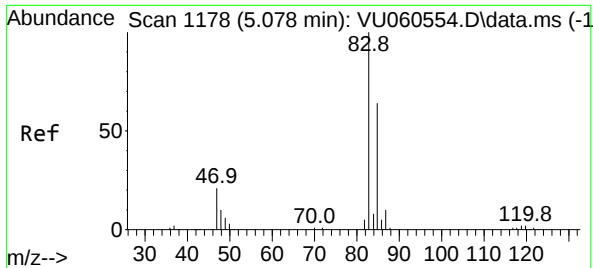
Reviewed By :Mahesh Dadoda 08/29/2024
Supervised By :Semsettin Yesilyurt 08/29/2024



#22
cis-1,2-Dichloroethene
Concen: 2053.366 ug/L m
RT: 4.647 min Scan# 1044
Delta R.T. -0.013 min
Lab File: VU060557.D
Acq: 28 Aug 2024 13:35

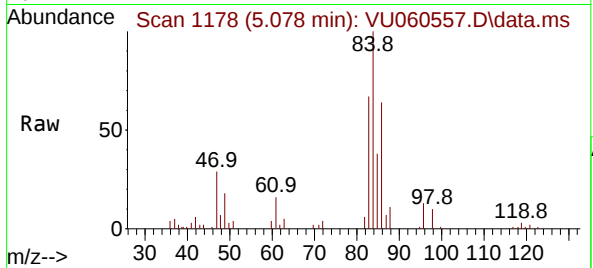
Tgt Ion: 96 Resp:28121504
Ion Ratio Lower Upper
96 100
61 100.0 92.9 172.5
98 75.8 45.0 83.6





#25
Chloroform
Concen: 0.805 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU060557.D
Acq: 28 Aug 2024 13:35

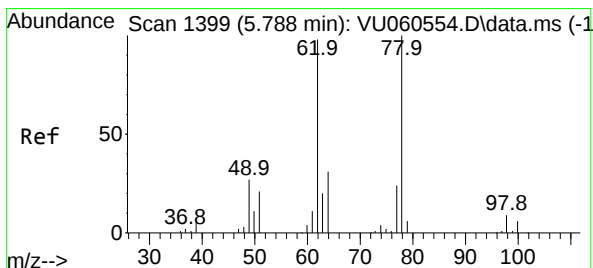
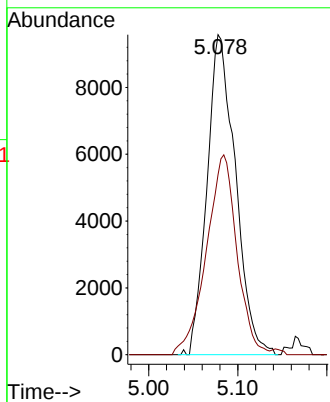
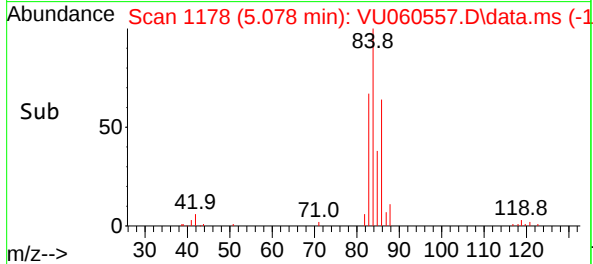
Instrument :
MSVOA_U
ClientSampleId :
C0UE3



Tgt Ion: 83 Resp: 21228
Ion Ratio Lower Upper
83 100
85 56.3 46.4 86.2

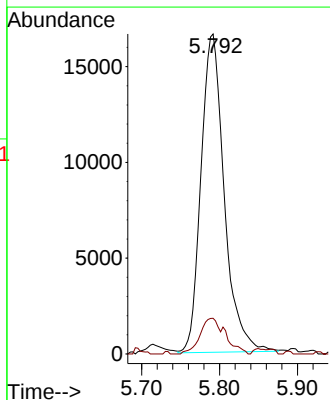
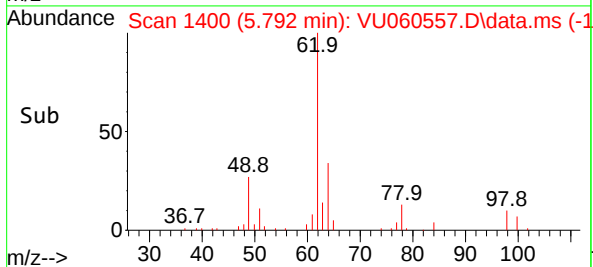
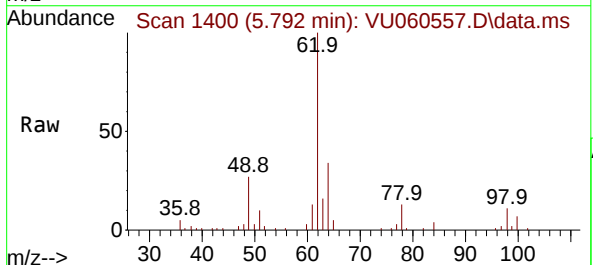
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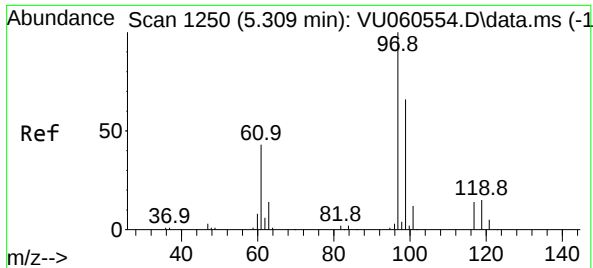
Reviewed By :Mahesh Dadoda 08/29/2024
Supervised By :Semsettin Yesilyurt 08/29/2024



#27
1,2-Dichloroethane
Concen: 1.947 ug/L
RT: 5.792 min Scan# 1400
Delta R.T. 0.003 min
Lab File: VU060557.D
Acq: 28 Aug 2024 13:35

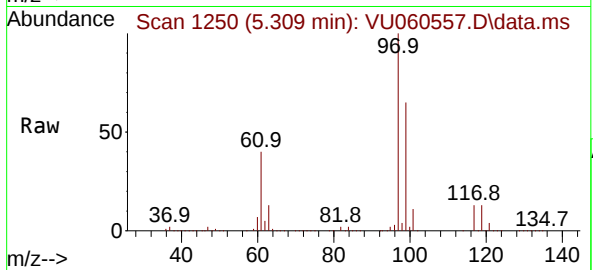
Tgt Ion: 62 Resp: 34451
Ion Ratio Lower Upper
62 100
98 11.2 7.0 10.4





#29
1,1,1-Trichloroethane
Concen: 538.911 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU060557.D
Acq: 28 Aug 2024 13:35

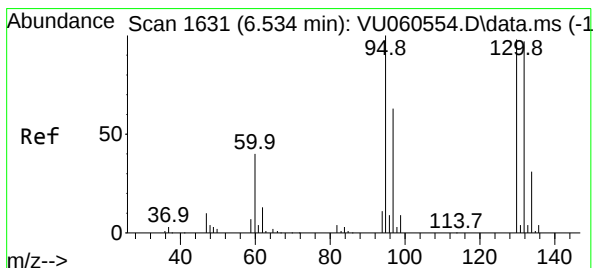
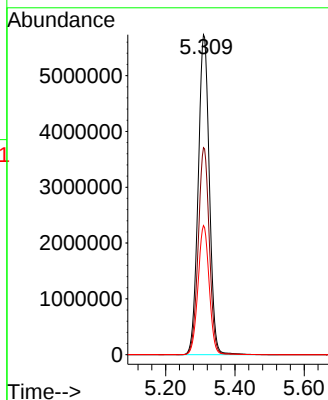
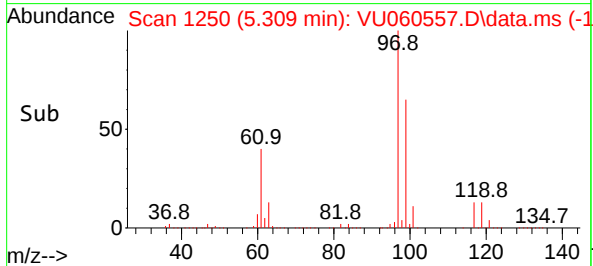
Instrument :
MSVOA_U
ClientSampleId :
C0UE3



Tgt Ion: 97 Resp:1284575
Ion Ratio Lower Upper
97 100
99 64.6 49.7 74.5
61 40.4 35.4 53.2

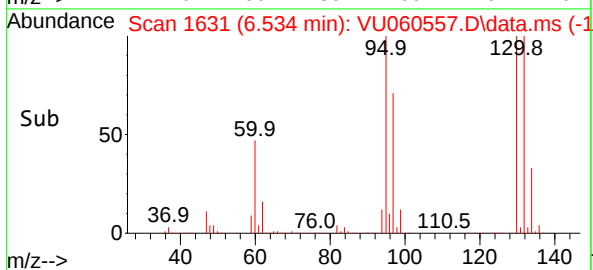
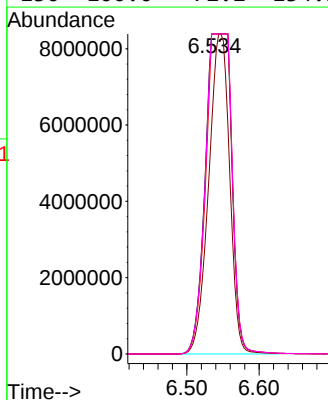
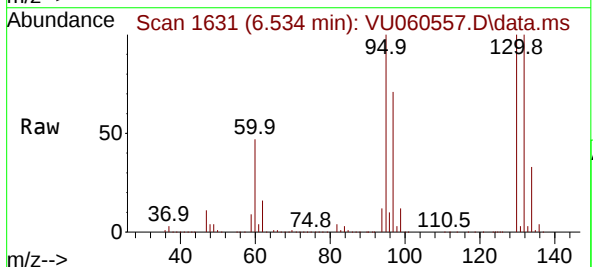
Manual Integrations
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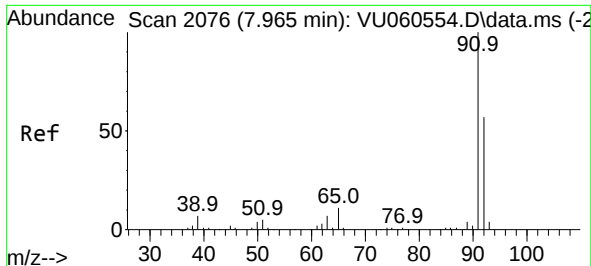
Reviewed By :Mahesh Dadoda 08/29/2024
Supervised By :Semsettin Yesilyurt 08/29/2024



#34
Trichloroethene
Concen: 1423.194 ug/L m
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU060557.D
Acq: 28 Aug 2024 13:35

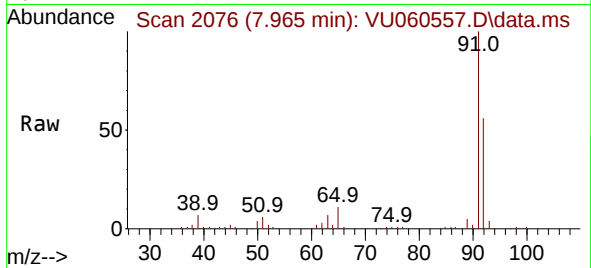
Tgt Ion: 95 Resp:21294446
Ion Ratio Lower Upper
95 100
97 71.4 45.8 85.2
132 100.0 67.4 125.2
130 100.0 72.2 134.2





#42
Toluene
Concen: 2.067 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU060557.D
Acq: 28 Aug 2024 13:35

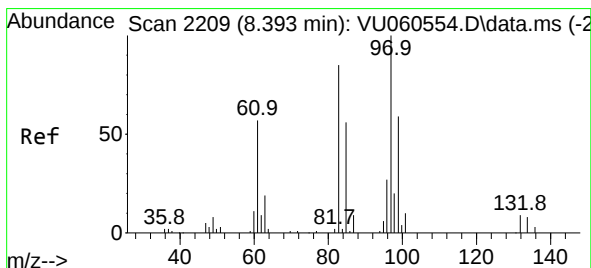
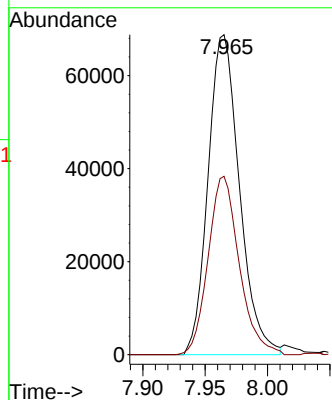
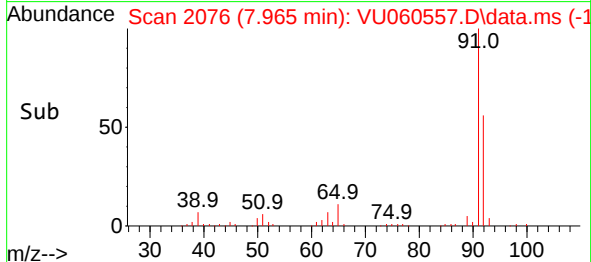
Instrument :
MSVOA_U
ClientSampleId :
C0UE3



Tgt Ion: 91 Resp: 120559
Ion Ratio Lower Upper
91 100
92 55.7 38.0 70.6

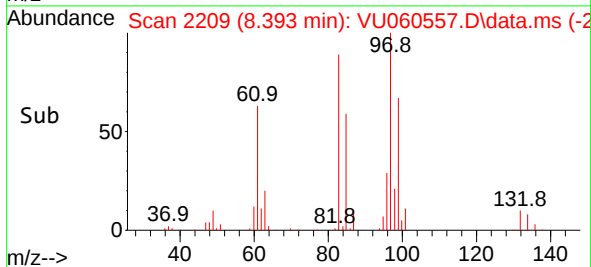
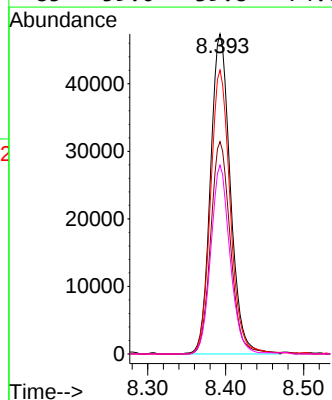
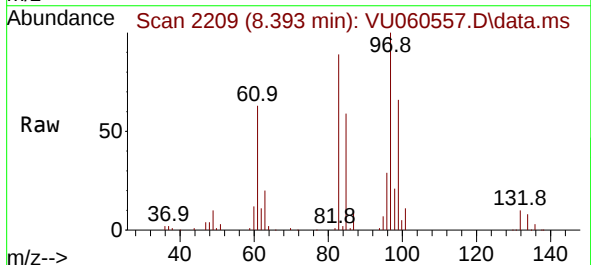
Manual Integrations
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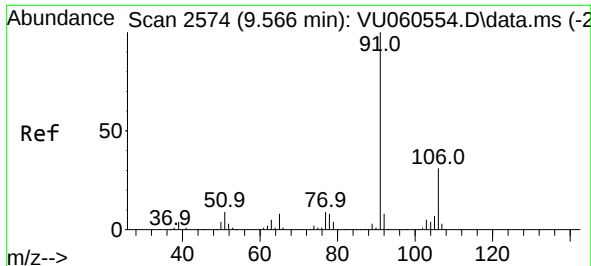
Reviewed By :Mahesh Dadoda 08/29/2024
Supervised By :Semsettin Yesilyurt 08/29/2024



#45
1,1,2-Trichloroethane
Concen: 8.196 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU060557.D
Acq: 28 Aug 2024 13:35

Tgt Ion: 97 Resp: 83975
Ion Ratio Lower Upper
97 100
99 66.3 42.4 78.8
83 88.7 64.0 119.0
85 59.0 39.8 74.0





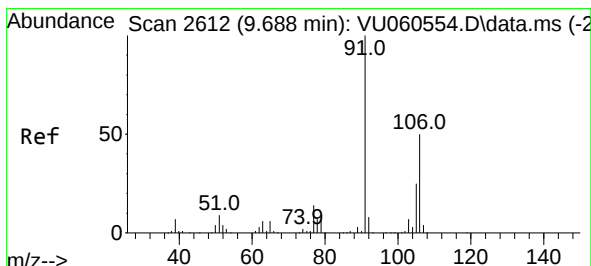
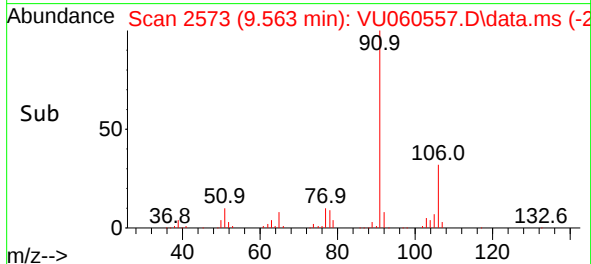
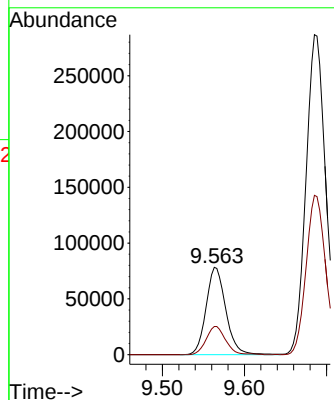
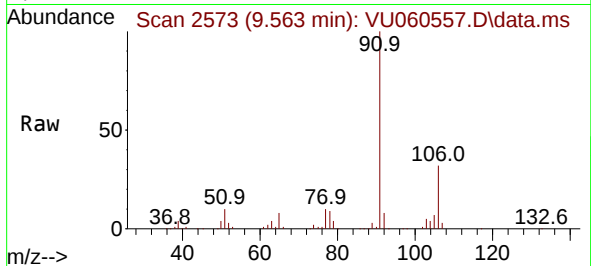
#52
Ethylbenzene
Concen: 2.115 ug/L
RT: 9.563 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU060557.D
Acq: 28 Aug 2024 13:35

Instrument :
MSVOA_U
ClientSampleId :
C0UE3

Tgt Ion: 91 Resp: 130712
Ion Ratio Lower Upper
91 100
106 32.3 21.9 40.7

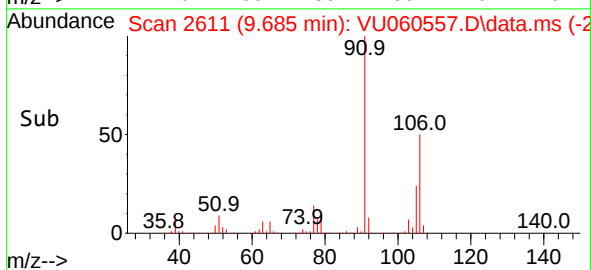
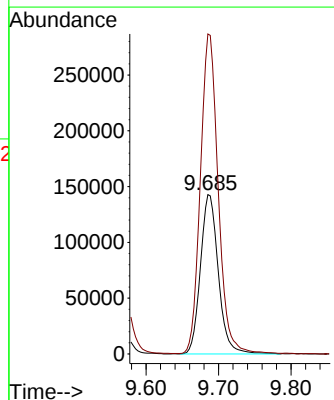
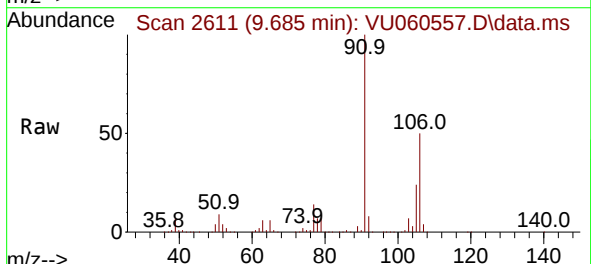
Manual Integrations
APPROVED

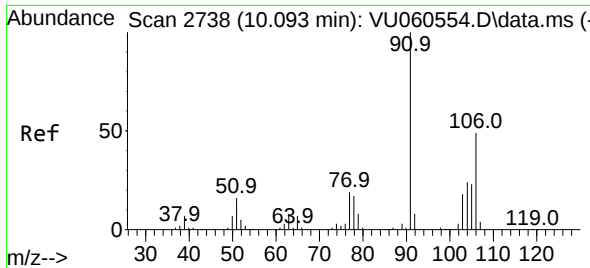
Reviewed By :Mahesh Dadoda 08/29/2024
Supervised By :Semsettin Yesilyurt 08/29/2024



#53
m,p-Xylene
Concen: 10.641 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU060557.D
Acq: 28 Aug 2024 13:35

Tgt Ion:106 Resp: 244533
Ion Ratio Lower Upper
106 100
91 200.9 141.5 262.9





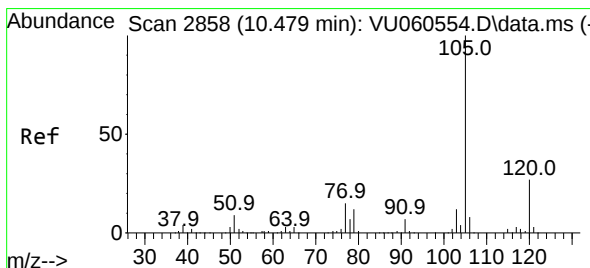
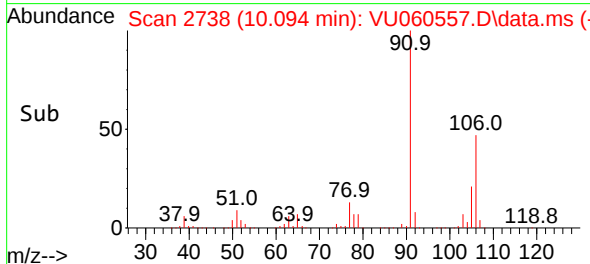
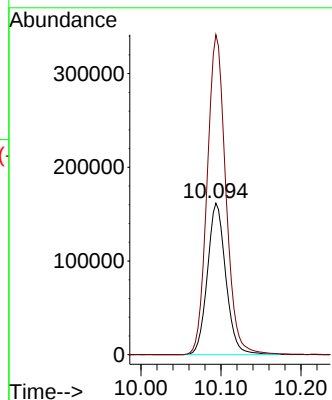
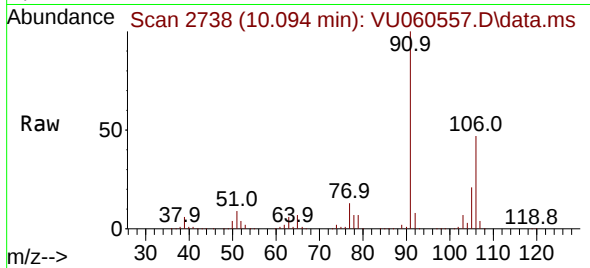
#54
o-Xylene
Concen: 11.020 ug/L
RT: 10.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU060557.D
Acq: 28 Aug 2024 13:35

Instrument :
MSVOA_U
ClientSampleId :
C0UE3

Tgt Ion:106 Resp: 259270
Ion Ratio Lower Upper
106 100
91 211.3 151.1 280.7

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/29/2024
Supervised By :Semsettin Yesilyurt 08/29/2024



#60
Isopropylbenzene
Concen: 0.352 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU060557.D
Acq: 28 Aug 2024 13:35

Tgt Ion:105 Resp: 18624
Ion Ratio Lower Upper
105 100
120 26.5 21.0 31.4
77 16.0 13.0 19.4

