

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058394.D
 Acq On : 05 Apr 2024 02:42
 Operator : MD/SY
 Sample : P1970-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AJ8

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/05/2024
 Supervised By :Semsettin Yesilyurt 04/05/2024

Quant Time: Apr 05 05:16:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 00:02:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	86751	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	80946	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	36095	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	28597	4.979	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.600%	
7) Chloroethane-d5	1.907	69	25422	5.093	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.800%	
11) 1,1-Dichloroethene-d2	2.560	65	18722	7.202	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	144.000%#	
20) 2-Butanone-d5	4.627	46	62206	51.394	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.780%	
24) Chloroform-d	5.055	84	58844	5.132	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.600%	
26) 1,2-Dichloroethane-d4	5.692	65	27455	5.131	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.600%	
32) Benzene-d6	5.721	84	117154	5.376	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.600%	
36) 1,2-Dichloropropane-d6	6.682	67	37185	5.441	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.800%	
41) Toluene-d8	7.891	98	98723	5.108	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.200%	
43) trans-1,3-Dichloroprop...	8.174	79	11435	5.390	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	107.800%	
46) 2-Hexanone-d5	8.627	63	44132	50.436	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.880%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	23818	4.937	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	30896	5.082	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.600%	
Target Compounds						Qvalue
3) Chloromethane	1.515	50	1761	0.199	ug/L	91
5) Vinyl chloride	1.599	62	6365	0.720	ug/L	88
8) Chloroethane	1.927	64	1477	0.265	ug/L	100
9) Trichlorofluoromethane	2.136	101	3776	0.324	ug/L	98
12) 1,1-Dichloroethene	2.566	96	14227816	2314.209	ug/L #	44
13) Acetone	2.634	43	955955	925.359	ug/L	99
16) Methylene chloride	3.036	84	18368	2.251	ug/L	95
19) 1,1-Dichloroethane	3.859	63	3575480	254.227	ug/L	98
21) 2-Butanone	4.714	43	25226	16.337	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	1930	0.267	ug/L	96
25) Chloroform	5.078	83	20063	1.474	ug/L	93
27) 1,2-Dichloroethane	5.785	62	32895	3.968	ug/L	98
29) 1,1,1-Trichloroethane	5.303	97	33949304m	3128.188	ug/L	
34) Trichloroethene	6.534	95	258778	34.987	ug/L	98
42) Toluene	7.965	91	11066	0.360	ug/L	98
47) Tetrachloroethene	8.547	164	7305	1.347	ug/L	97
53) m,p-Xylene	9.692	106	1320	0.113	ug/L	98

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

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

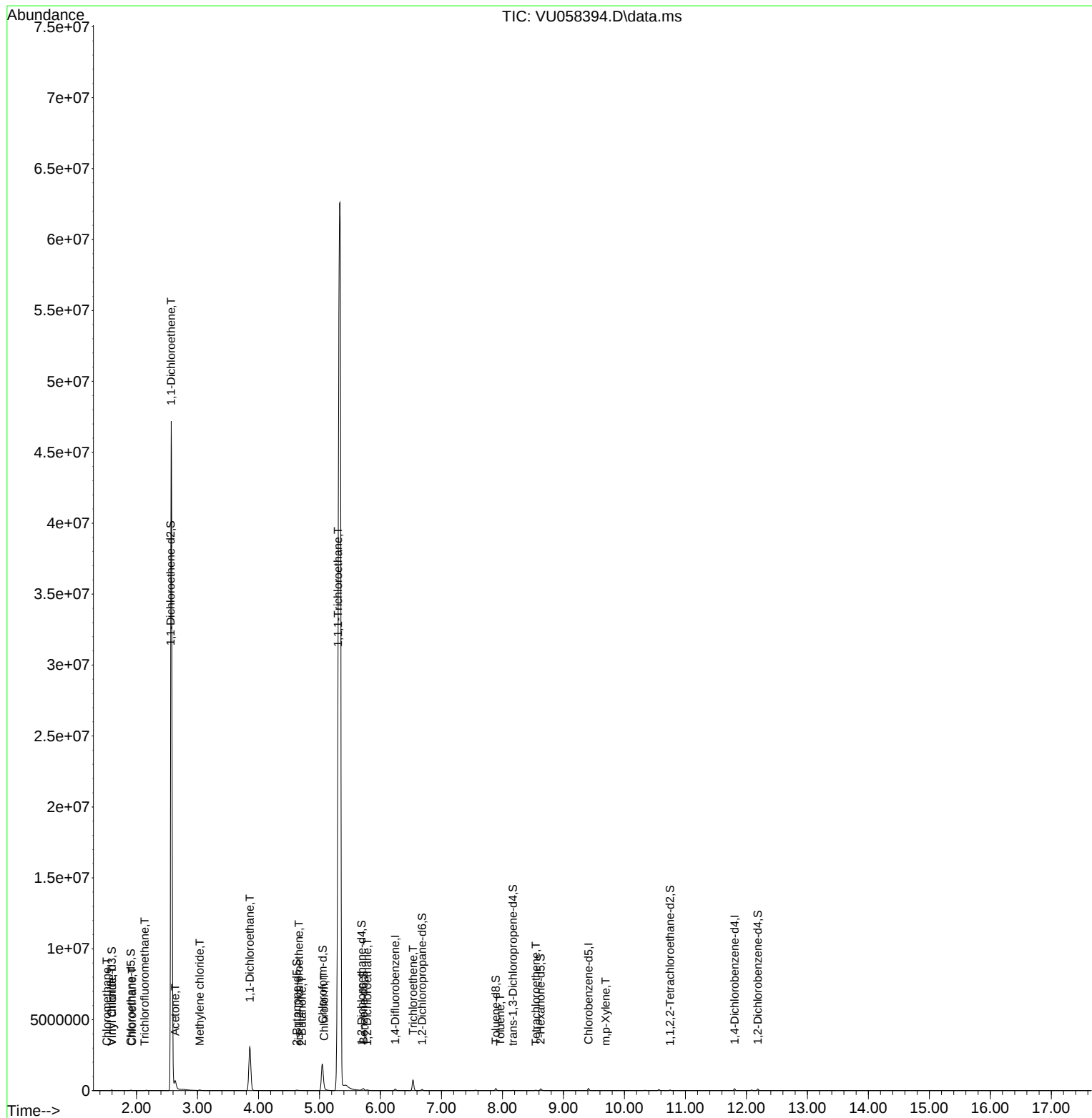
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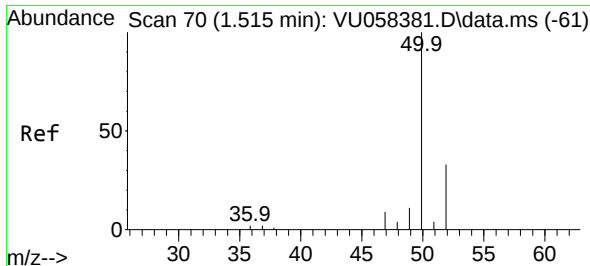
Instrument :
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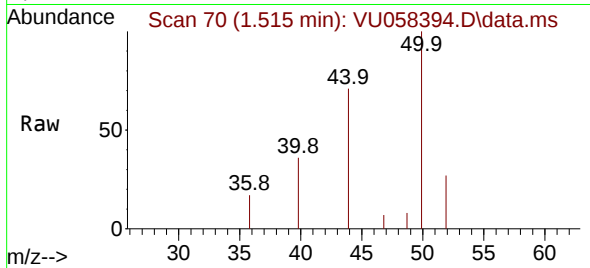
Quant Time: Apr 05 05:16:20 2024
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#3
Chloromethane
Concen: 0.199 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU058394.D
Acq: 05 Apr 2024 02:42

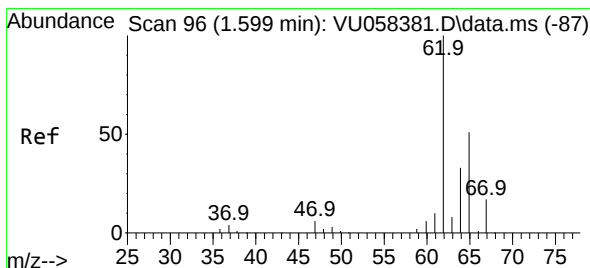
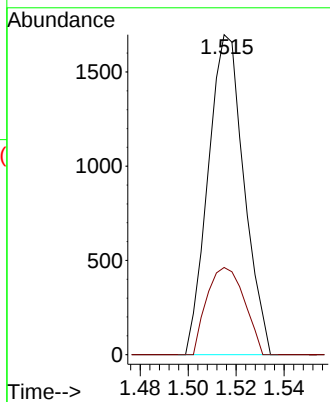
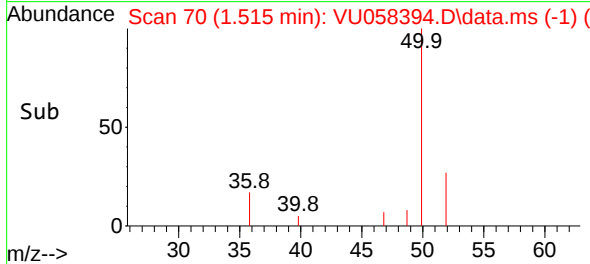
Instrument :
MSVOA_U
ClientSampleId :
C0AJ8



Tgt Ion: 50 Resp: 176
Ion Ratio Lower Upper
50 100
52 27.3 22.6 42.0

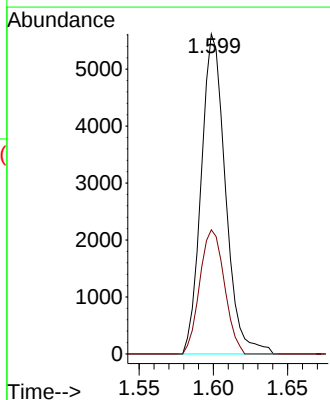
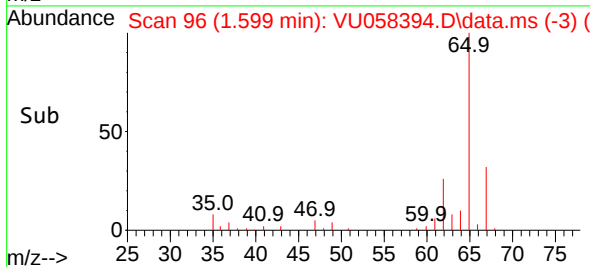
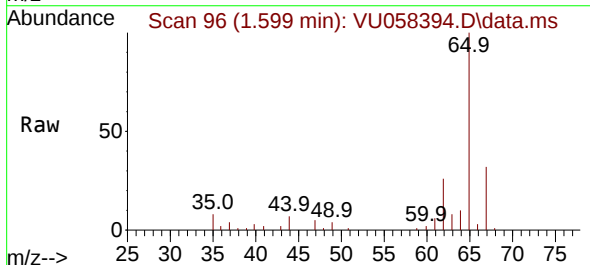
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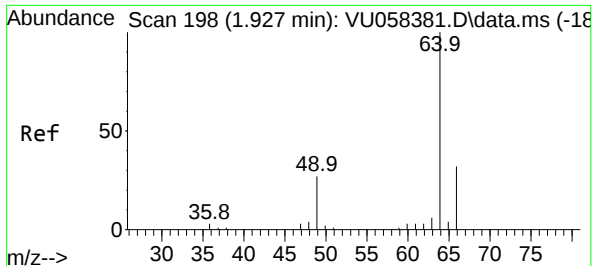
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#5
Vinyl chloride
Concen: 0.720 ug/L
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU058394.D
Acq: 05 Apr 2024 02:42

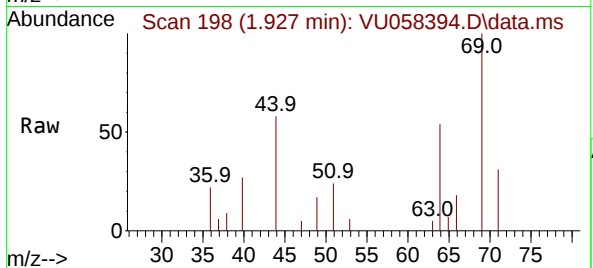
Tgt Ion: 62 Resp: 6365
Ion Ratio Lower Upper
62 100
64 38.8 22.6 42.0





#8
Chloroethane
Concen: 0.265 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU058394.D
Acq: 05 Apr 2024 02:42

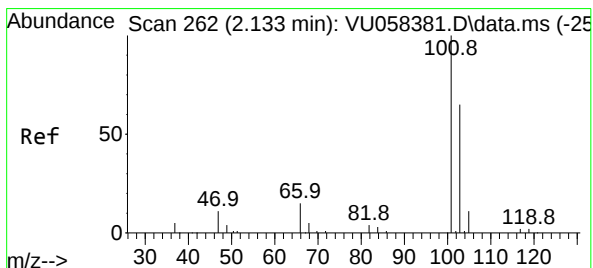
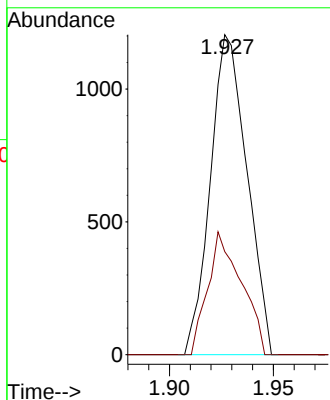
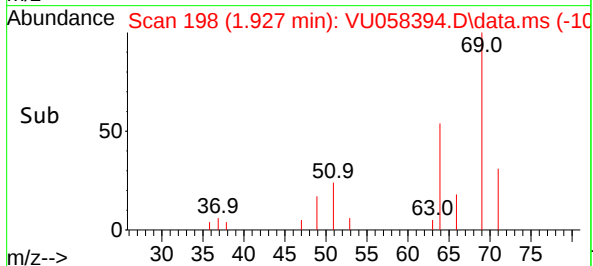
Instrument :
MSVOA_U
ClientSampleId :
C0AJ8



Tgt Ion: 64 Resp: 147
Ion Ratio Lower Upper
64 100
66 32.2 22.5 41.9

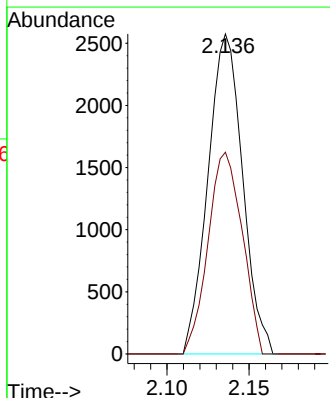
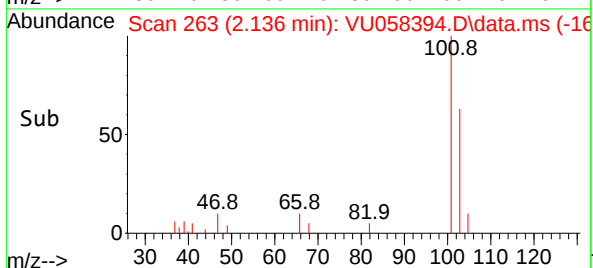
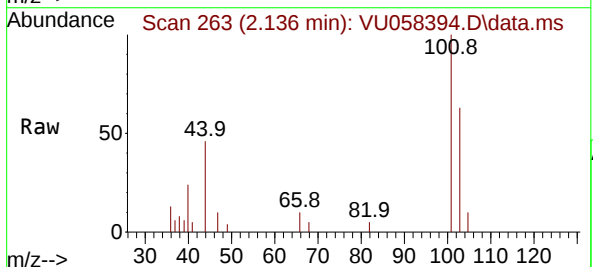
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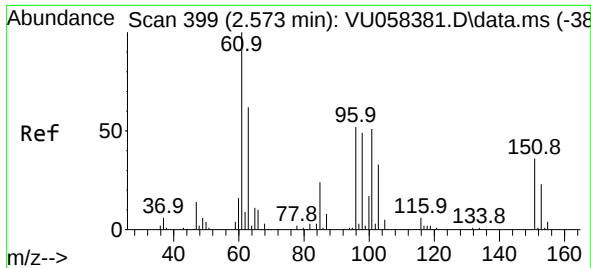
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#9
Trichlorofluoromethane
Concen: 0.324 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU058394.D
Acq: 05 Apr 2024 02:42

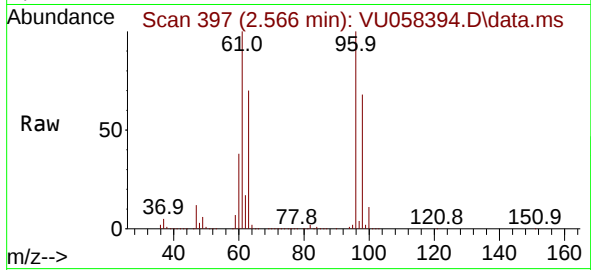
Tgt Ion:101 Resp: 3776
Ion Ratio Lower Upper
101 100
103 62.2 51.2 76.8





#12
1,1-Dichloroethene
Concen: 2314.209 ug/L
RT: 2.566 min Scan# 399
Delta R.T. -0.007 min
Lab File: VU058394.D
Acq: 05 Apr 2024 02:42

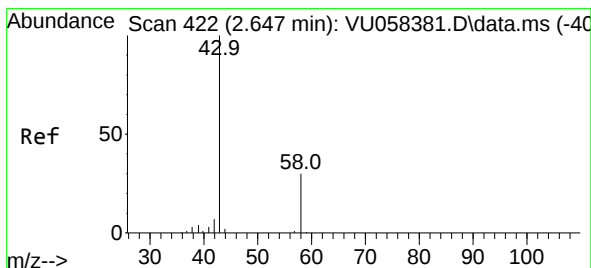
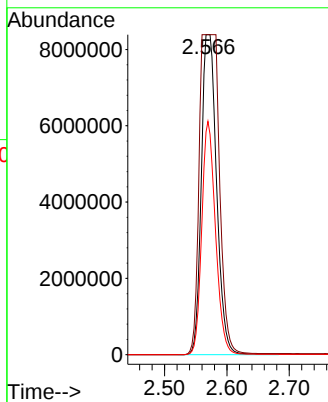
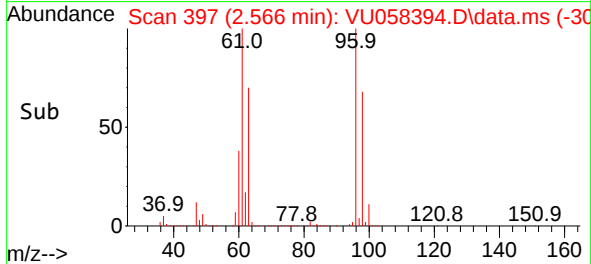
Instrument :
MSVOA_U
ClientSampleId :
C0AJ8



Tgt Ion: 96 Resp:14227810
Ion Ratio Lower Upper
96 100
61 100.0 132.5 246.1
63 69.6 87.7 162.9

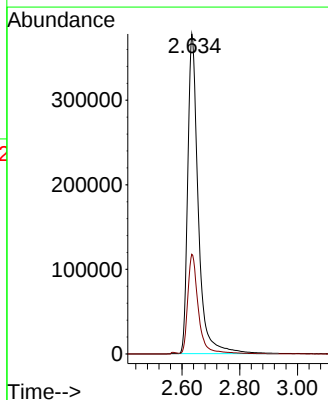
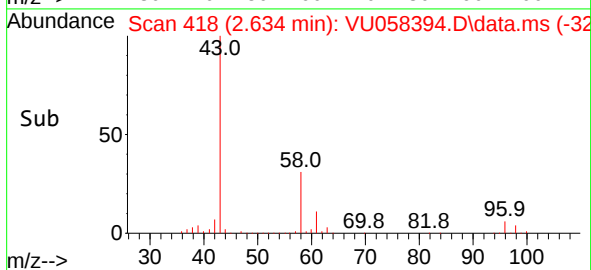
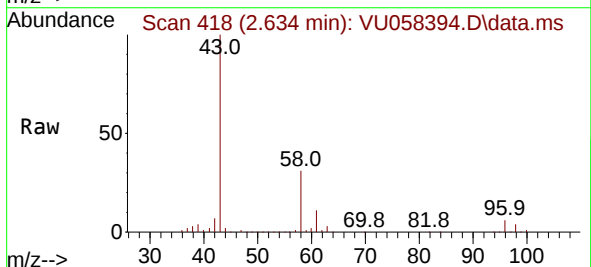
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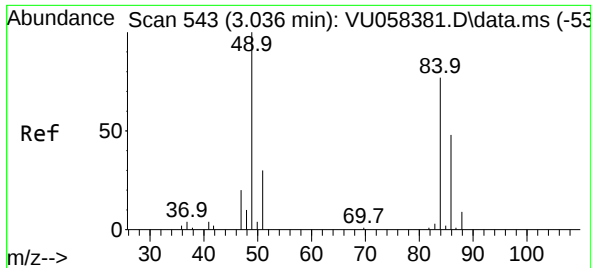
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#13
Acetone
Concen: 925.359 ug/L
RT: 2.634 min Scan# 418
Delta R.T. -0.013 min
Lab File: VU058394.D
Acq: 05 Apr 2024 02:42

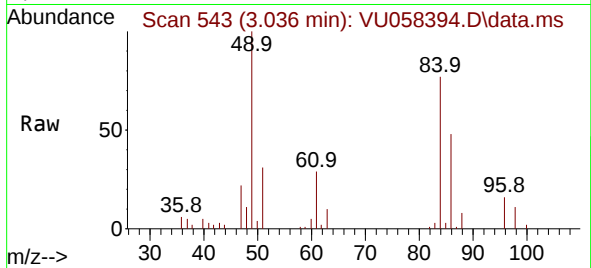
Tgt Ion: 43 Resp: 955955
Ion Ratio Lower Upper
43 100
58 31.0 0.0 61.4





#16
Methylene chloride
Concen: 2.251 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU058394.D
Acq: 05 Apr 2024 02:42

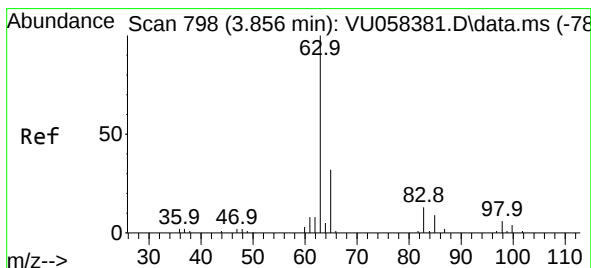
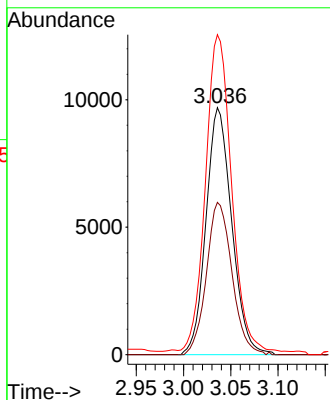
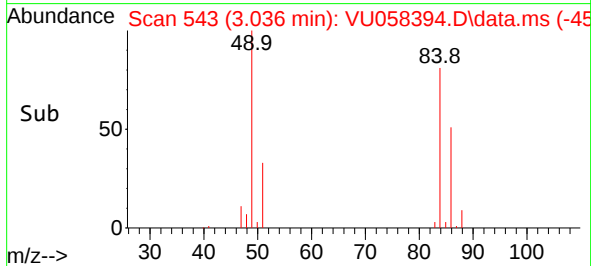
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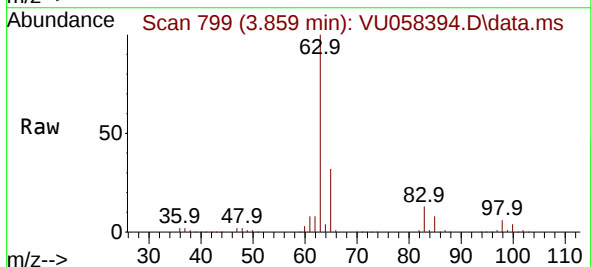
Tgt Ion: 84 Resp: 1836
Ion Ratio Lower Upper
84 100
86 61.6 44.3 82.3
49 129.5 96.0 178.2

Manual Integrations
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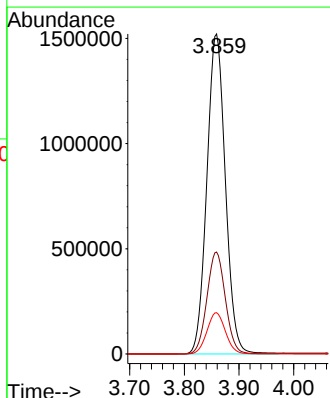
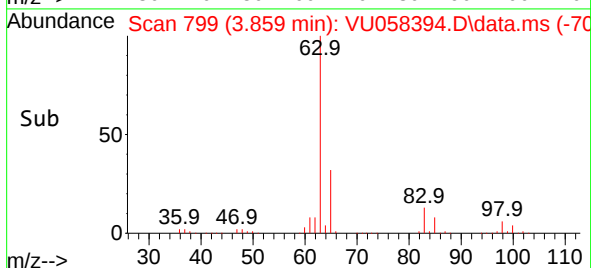
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024

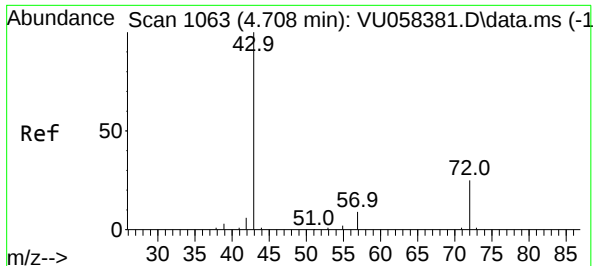


#19
1,1-Dichloroethane
Concen: 254.227 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.003 min
Lab File: VU058394.D
Acq: 05 Apr 2024 02:42



Tgt Ion: 63 Resp: 3575480
Ion Ratio Lower Upper
63 100
65 31.8 22.9 42.5
83 12.9 9.6 17.8





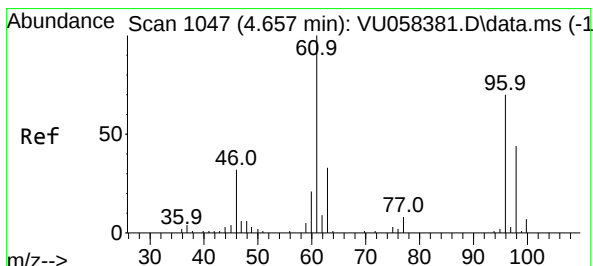
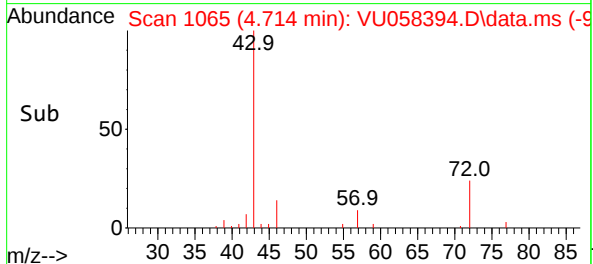
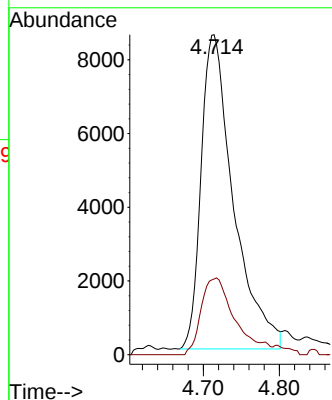
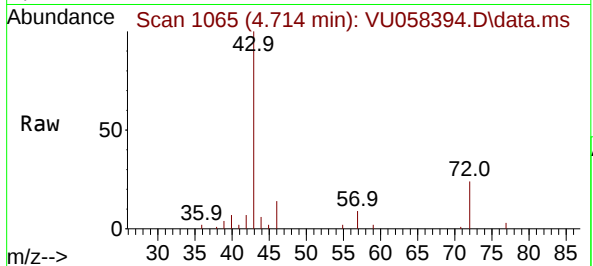
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2-Butanone
Concen: 16.337 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VU058394.D
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Instrument :
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Tgt Ion: 43 Resp: 25220
Ion Ratio Lower Upper
43 100
72 24.6 11.7 35.0

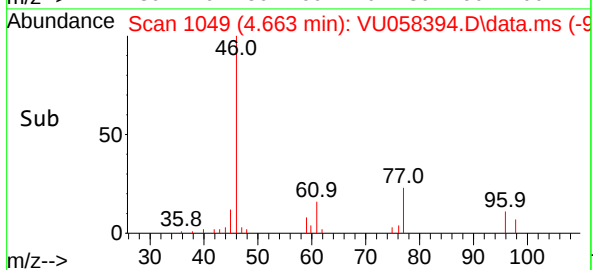
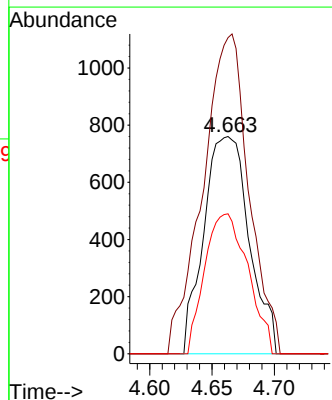
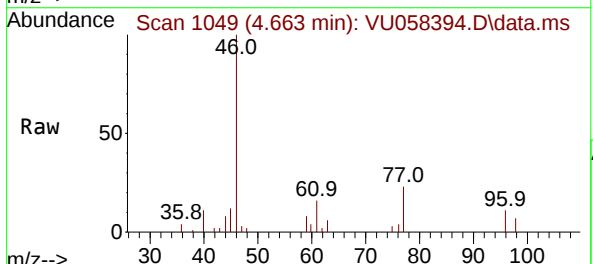
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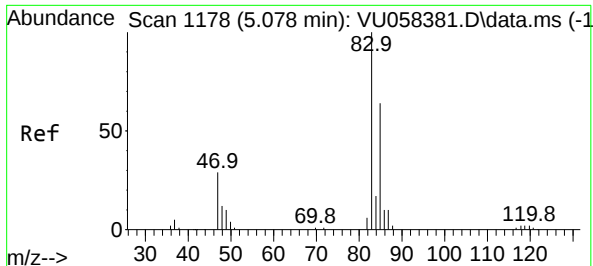
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#22
cis-1,2-Dichloroethene
Concen: 0.267 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU058394.D
Acq: 05 Apr 2024 02:42

Tgt Ion: 96 Resp: 1930
Ion Ratio Lower Upper
96 100
61 145.5 98.1 182.3
98 64.5 43.6 81.0





#25

Chloroform

Concen: 1.474 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU058394.D

Acq: 05 Apr 2024 02:42

Instrument :

MSVOA_U

ClientSampleId :

C0AJ8

Tgt Ion: 83 Resp: 2006

Ion Ratio Lower Upper

83 100

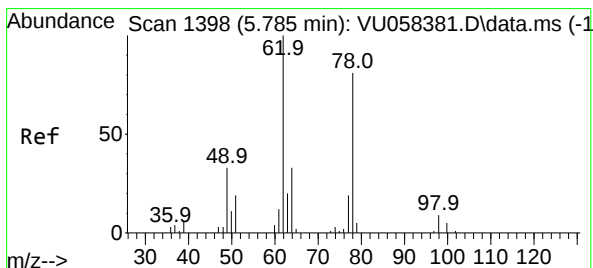
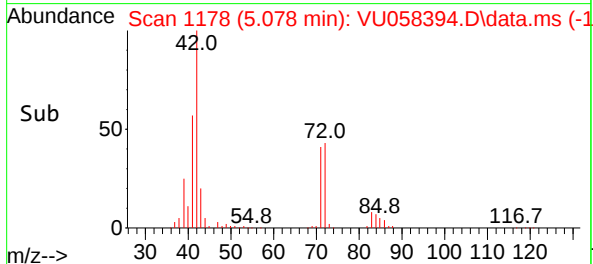
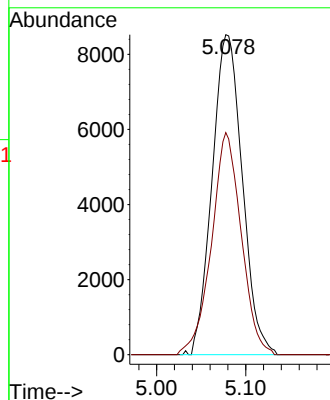
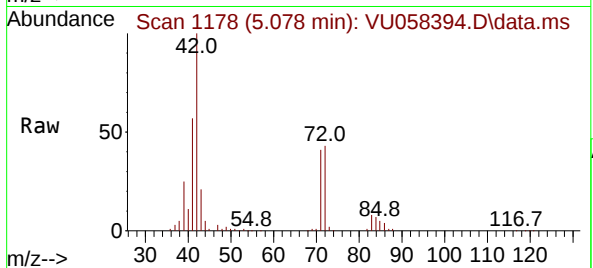
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Manual Integrations

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Supervised By :Semsettin Yesilyurt 04/05/2024



#27

1,2-Dichloroethane

Concen: 3.968 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU058394.D

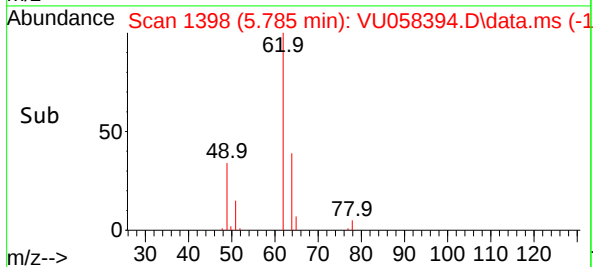
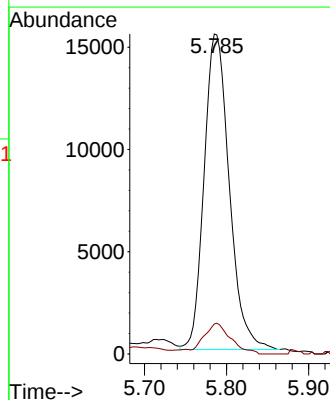
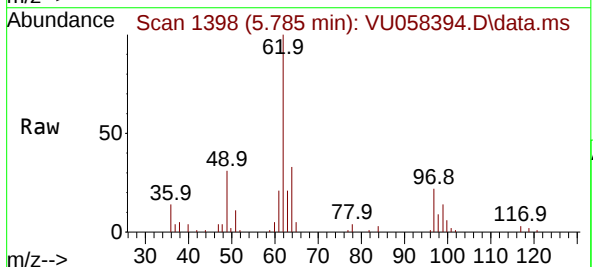
Acq: 05 Apr 2024 02:42

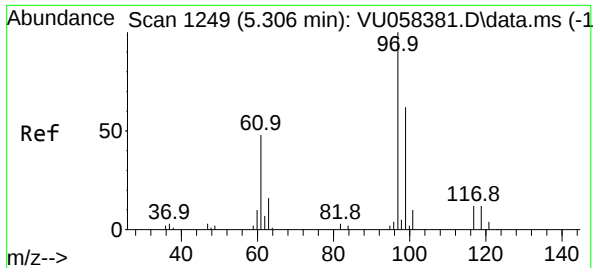
Tgt Ion: 62 Resp: 32895

Ion Ratio Lower Upper

62 100

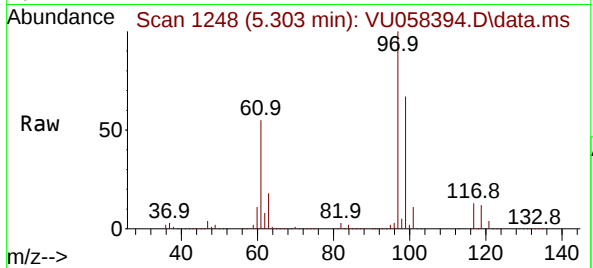
98 9.3 7.0 10.4





#29
1,1,1-Trichloroethane
Concen: 3128.188 ug/L m
RT: 5.303 min Scan# 1248
Delta R.T. -0.003 min
Lab File: VU058394.D
Acq: 05 Apr 2024 02:42

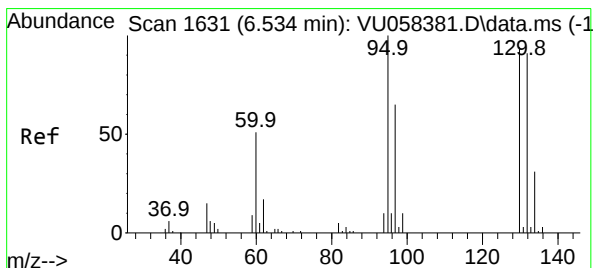
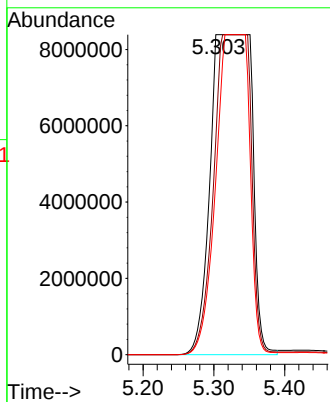
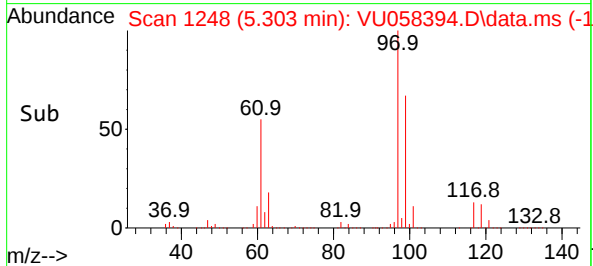
Instrument :
MSVOA_U
ClientSampleId :
C0AJ8



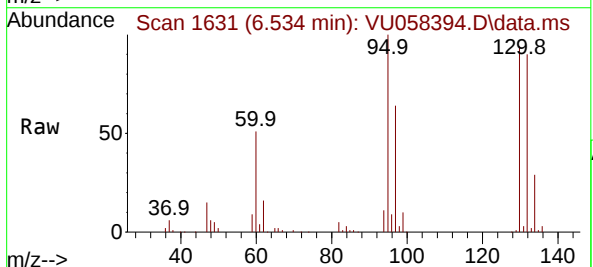
Tgt Ion: 97 Resp: 33949304
Ion Ratio Lower Upper
97 100
99 0.0 50.4 75.6
61 0.0 39.4 59.0

Manual Integrations
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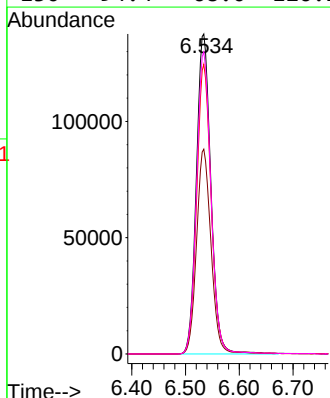
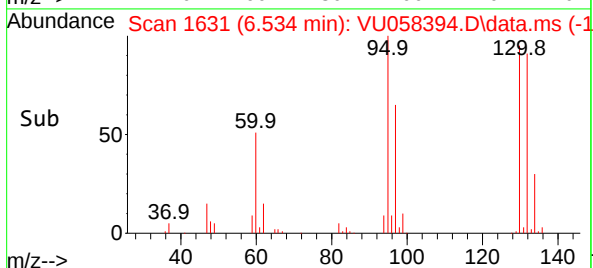
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024

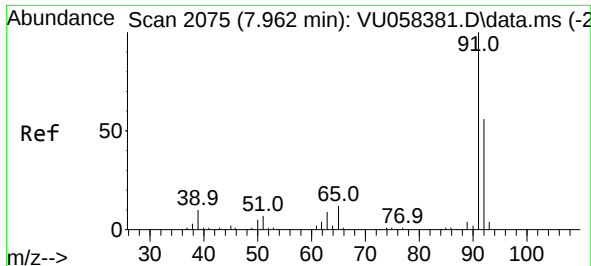


#34
Trichloroethene
Concen: 34.987 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU058394.D
Acq: 05 Apr 2024 02:42



Tgt Ion: 95 Resp: 258778
Ion Ratio Lower Upper
95 100
97 64.0 45.6 84.6
132 90.5 64.8 120.3
130 94.4 68.0 126.2





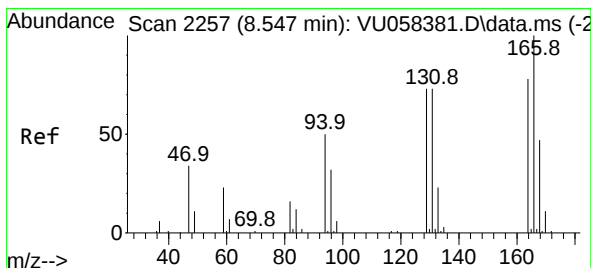
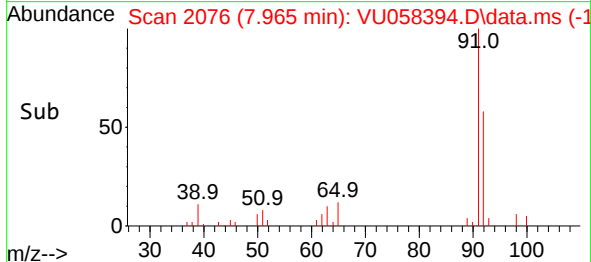
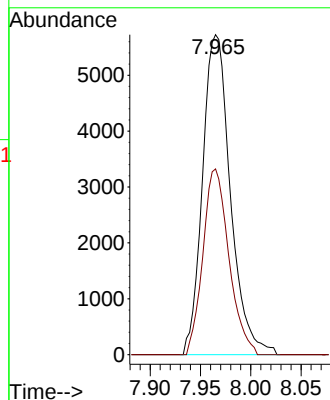
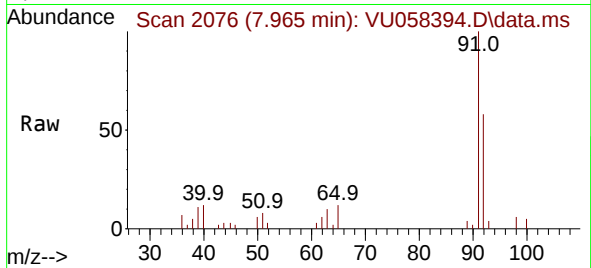
#42
Toluene
Concen: 0.360 ug/L
RT: 7.965 min Scan# 2075
Delta R.T. 0.003 min
Lab File: VU058394.D
Acq: 05 Apr 2024 02:42

Instrument :
MSVOA_U
ClientSampleId :
C0AJ8

Tgt Ion: 91 Resp: 1106
Ion Ratio Lower Upper
91 100
92 58.1 39.5 73.3

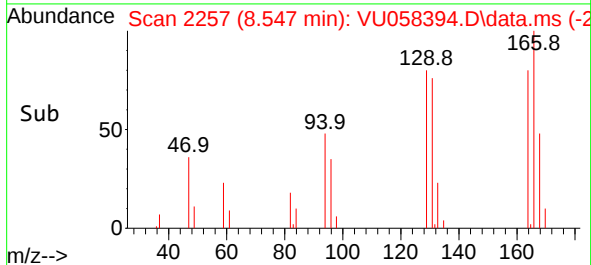
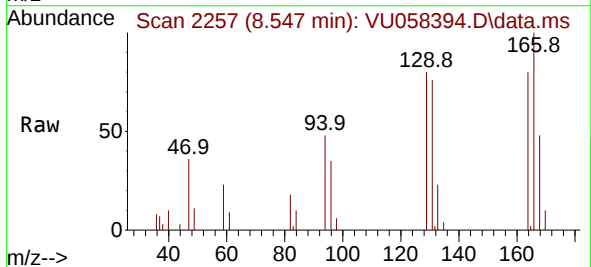
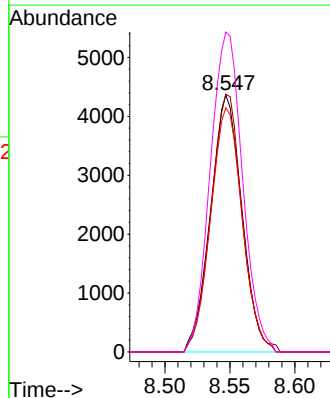
Manual Integrations
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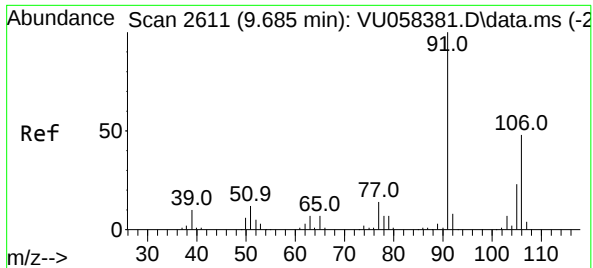
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#47
Tetrachloroethene
Concen: 1.347 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058394.D
Acq: 05 Apr 2024 02:42

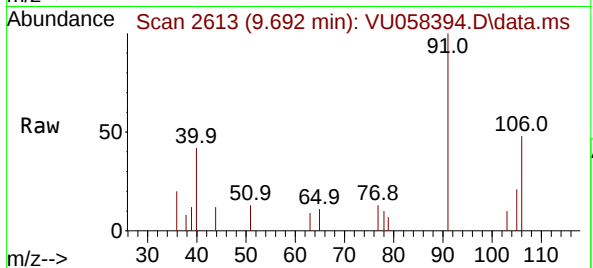
Tgt Ion:164 Resp: 7305
Ion Ratio Lower Upper
164 100
129 100.2 67.3 125.1
131 94.9 65.5 121.6
166 124.4 89.5 166.1





#53
m,p-Xylene
Concen: 0.113 ug/L
RT: 9.692 min Scan# 20
Delta R.T. 0.006 min
Lab File: VU058394.D
Acq: 05 Apr 2024 02:42

Instrument :
MSVOA_U
ClientSampleId :
C0AJ8



Tgt Ion:106 Resp: 1320
Ion Ratio Lower Upper
106 100
91 208.6 147.8 274.4

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024

