

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058391.D
 Acq On : 05 Apr 2024 01:31
 Operator : MD/SY
 Sample : P1970-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AJ5

Manual Integrations
 APPROVED

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

Quant Time: Apr 05 02:24:47 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	6.239	114	83178	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	77907	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	34396	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.583	65	30452	5.530	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.600%
7) Chloroethane-d5	1.898	69	25945	5.421	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.400%
11) 1,1-Dichloroethene-d2	2.551	65	15158	6.081	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	121.600%
20) 2-Butanone-d5	4.718	46	50052	43.129	ug/L	0.09
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.260%
24) Chloroform-d	5.049	84	53916	4.904	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.695	65	25620	4.994	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.711	84	108992	5.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
36) 1,2-Dichloropropane-d6	6.682	67	33705	5.124	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.888	98	91234	4.905	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
43) trans-1,3-Dichloroprop...	8.174	79	9543	4.674	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.637	63	36798	43.695	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.400%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	20556	4.427	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	28168	4.862	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
9) Trichlorofluoromethane	2.123	101	2748	0.246	ug/L	100
12) 1,1-Dichloroethene	2.563	96	1128314	191.408	ug/L #	76
13) Acetone	2.772	43	13294m	13.421	ug/L	
19) 1,1-Dichloroethane	3.846	63	169658	12.581	ug/L	97
25) Chloroform	5.075	83	2816	0.216	ug/L	94
29) 1,1,1-Trichloroethane	5.300	97	3113213	298.050	ug/L	99
34) Trichloroethene	6.531	95	9086	1.276	ug/L	96

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

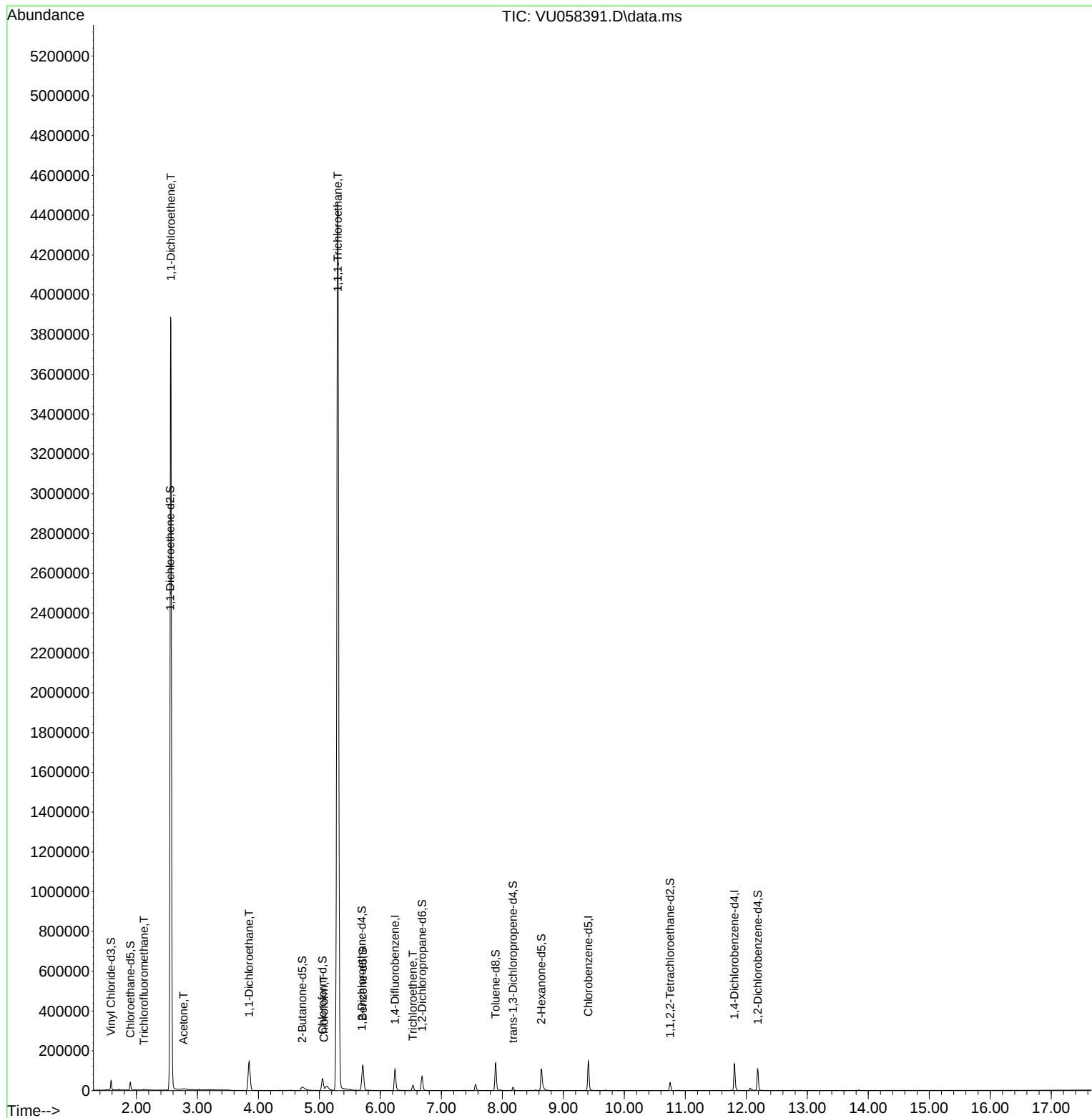
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
Data File : VU058391.D
Acq On : 05 Apr 2024 01:31
Operator : MD/SY
Sample : P1970-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

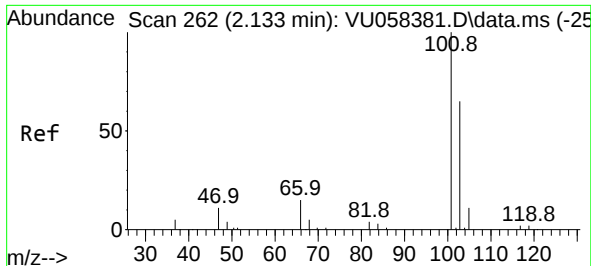
Instrument :
MSVOA_U
ClientSampleId :
C0AJ5

Manual Integrations
APPROVED

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

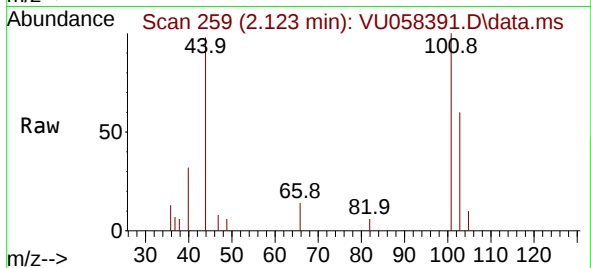
Quant Time: Apr 05 02:24:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 05 00:02:56 2024
Response via : Initial Calibration





#9
Trichlorofluoromethane
Concen: 0.246 ug/L
RT: 2.123 min Scan# 210
Delta R.T. -0.010 min
Lab File: VU058391.D
Acq: 05 Apr 2024 01:31

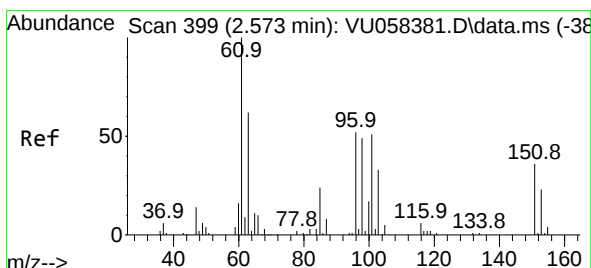
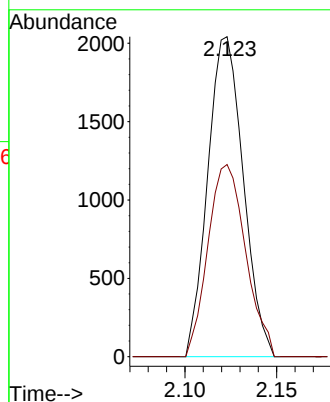
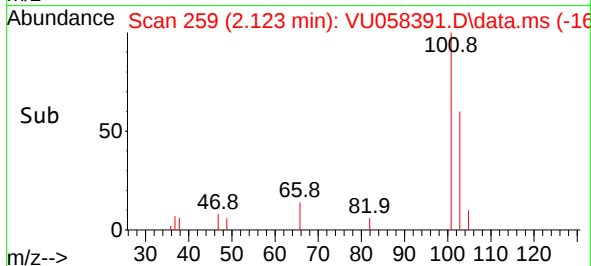
Instrument :
MSVOA_U
ClientSampleId :
C0AJ5



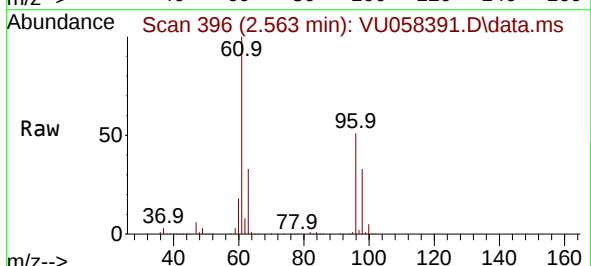
Tgt Ion:101 Resp: 2748
Ion Ratio Lower Upper
101 100
103 63.8 51.2 76.8

Manual Integrations
APPROVED

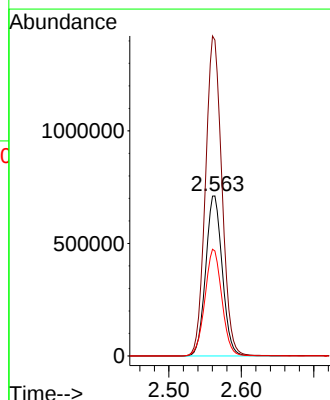
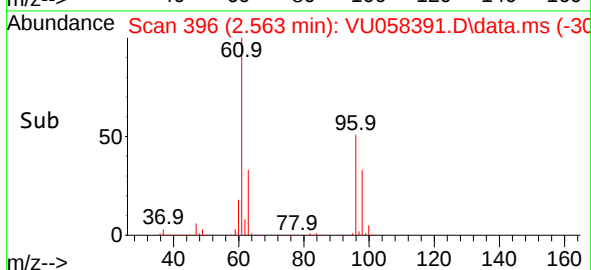
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024

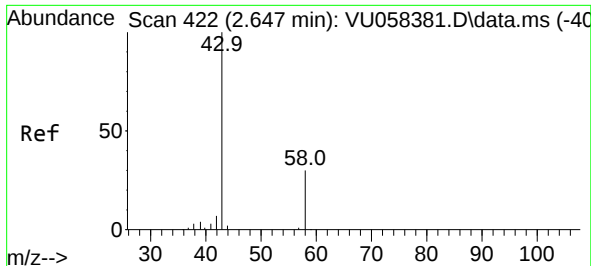


#12
1,1-Dichloroethene
Concen: 191.408 ug/L
RT: 2.563 min Scan# 396
Delta R.T. -0.010 min
Lab File: VU058391.D
Acq: 05 Apr 2024 01:31



Tgt Ion: 96 Resp: 1128314
Ion Ratio Lower Upper
96 100
61 197.5 132.5 246.1
63 65.6 87.7 162.9#





#13

Acetone

Concen: 13.421 ug/L m

RT: 2.772 min Scan# 4

Delta R.T. 0.125 min

Lab File: VU058391.D

Acq: 05 Apr 2024 01:31

Instrument :

MSVOA_U

ClientSampleId :

C0AJ5

Tgt Ion: 43 Resp: 13294

Ion Ratio Lower Upper

43 100

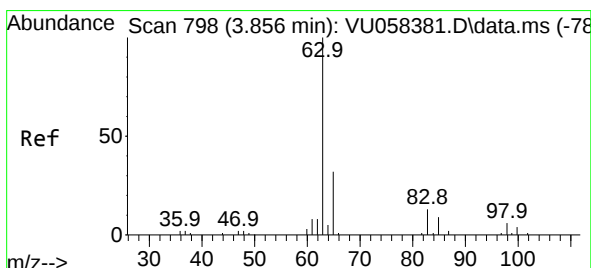
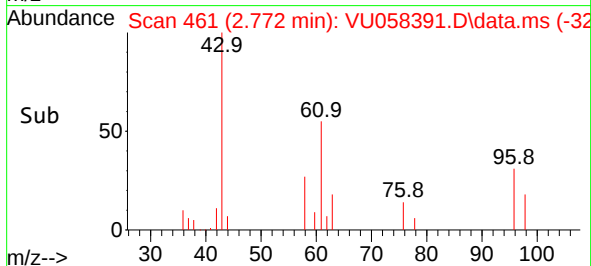
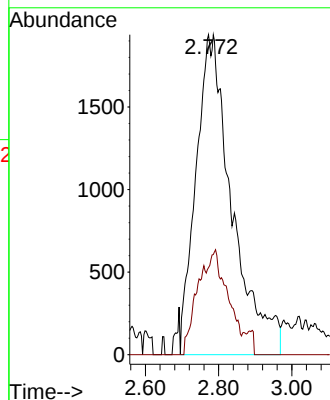
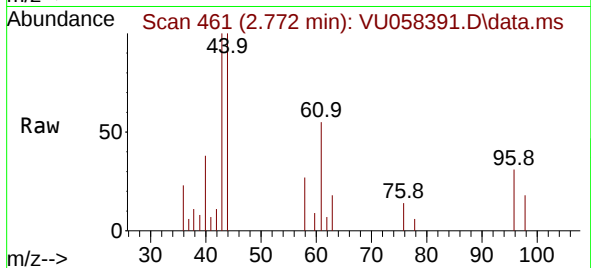
58 9.2 0.0 61.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/05/2024

Supervised By :Semsettin Yesilyurt 04/05/2024



#19

1,1-Dichloroethane

Concen: 12.581 ug/L

RT: 3.846 min Scan# 795

Delta R.T. -0.010 min

Lab File: VU058391.D

Acq: 05 Apr 2024 01:31

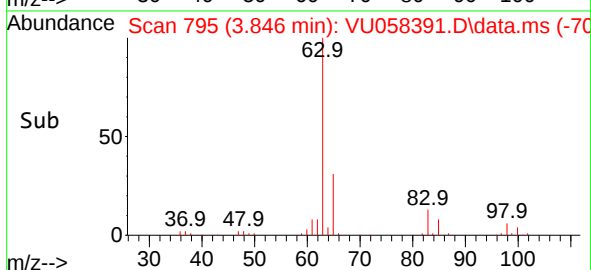
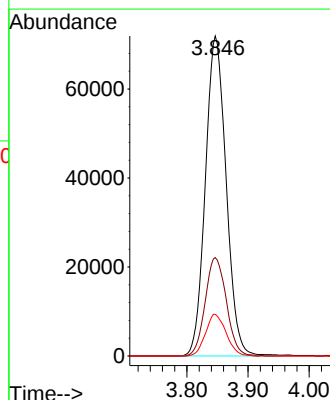
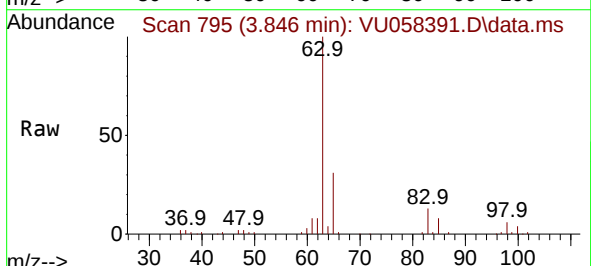
Tgt Ion: 63 Resp: 169658

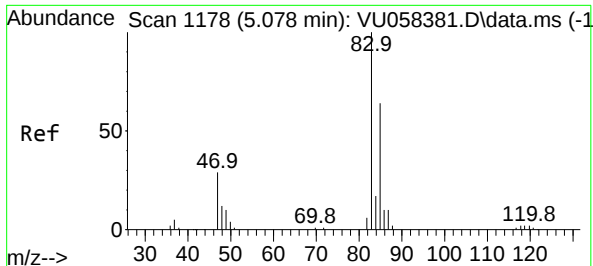
Ion Ratio Lower Upper

63 100

65 30.8 22.9 42.5

83 13.0 9.6 17.8





#25

Chloroform

Concen: 0.216 ug/L

RT: 5.075 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU058391.D

Acq: 05 Apr 2024 01:31

Instrument :

MSVOA_U

ClientSampleId :

C0AJ5

Tgt Ion: 83 Resp: 2810

Ion Ratio Lower Upper

83 100

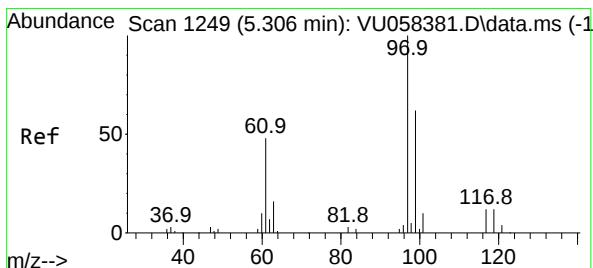
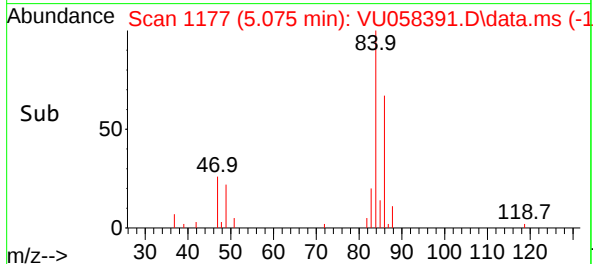
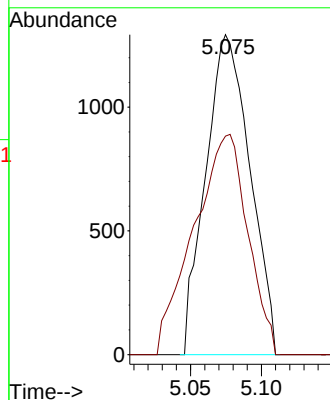
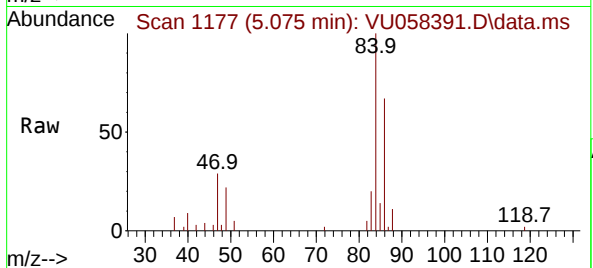
85 68.3 44.7 83.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/05/2024

Supervised By :Semsettin Yesilyurt 04/05/2024



#29

1,1,1-Trichloroethane

Concen: 298.050 ug/L

RT: 5.300 min Scan# 1247

Delta R.T. -0.006 min

Lab File: VU058391.D

Acq: 05 Apr 2024 01:31

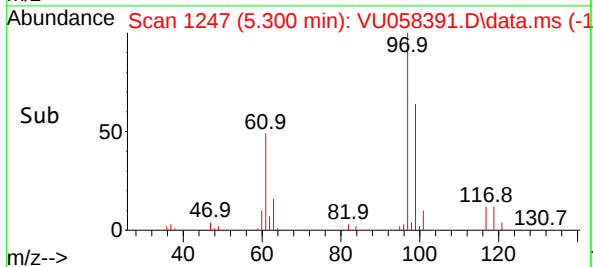
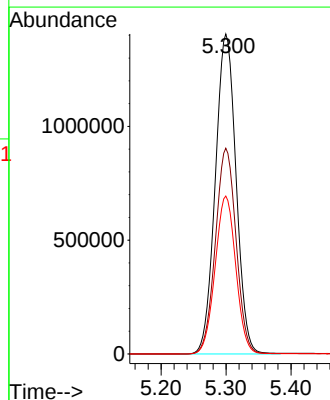
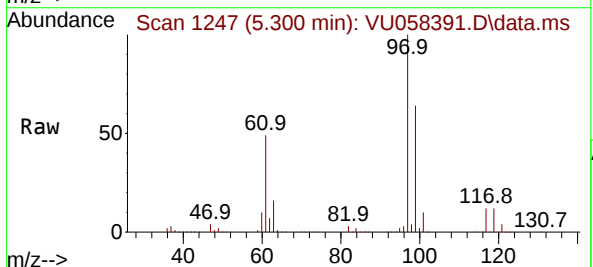
Tgt Ion: 97 Resp: 3113213

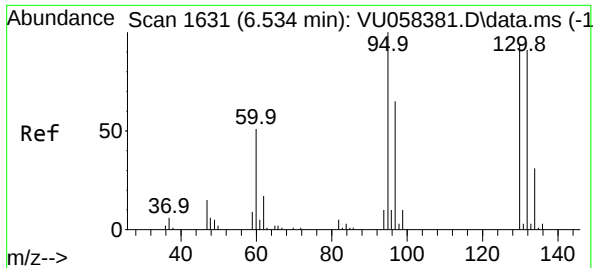
Ion Ratio Lower Upper

97 100

99 64.2 50.4 75.6

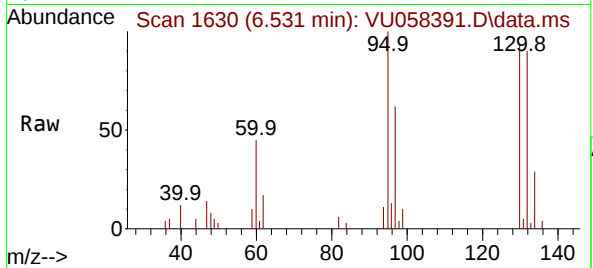
61 49.3 39.4 59.0





#34
 Trichloroethene
 Concen: 1.276 ug/L
 RT: 6.531 min Scan# 1630
 Delta R.T. -0.003 min
 Lab File: VU058391.D
 Acq: 05 Apr 2024 01:31

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AJ5



Tgt Ion: 95 Resp: 908

Ion	Ratio	Lower	Upper
95	100		
97	61.6	45.6	84.6
132	89.6	64.8	120.3
130	93.3	68.0	126.2

Manual Integrations
 APPROVED

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

