

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122024\
 Data File : VU062554.D
 Acq On : 21 Dec 2024 04:58
 Operator : MD/SY
 Sample : P5344-11
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CG9

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/23/2024
 Supervised By : Mahesh Dadoda 12/24/2024

Quant Time: Dec 21 05:11:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 23:41:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	108862	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	102823	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	50106	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26788	3.648	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.000%
7) Chloroethane-d5	1.908	69	23138	4.430	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.560	65	13381	3.831	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.600%
20) 2-Butanone-d5	4.631	46	55653	39.548	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.100%
24) Chloroform-d	5.052	84	67333	4.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.692	65	37172	4.757	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.718	84	118492	4.001	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
36) 1,2-Dichloropropane-d6	6.682	67	34110	4.025	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.600%
41) Toluene-d8	7.888	98	114545	4.094	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	8.174	79	14568	3.906	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.200%
46) 2-Hexanone-d5	8.628	63	44477	39.527	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.060%
56) 1,1,2,2-Tetrachloroeth...	10.747	84	26799	4.064	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	41822	4.529	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds	Qvalue					
9) Trichlorofluoromethane	2.133	101	80971	5.606	ug/L	98
12) 1,1-Dichloroethene	2.576	96	2023	0.275	ug/L #	1
13) Acetone	2.654	43	6106	6.373	ug/L	97
16) Methylene chloride	3.036	84	8566	1.110	ug/L	91
18) trans-1,2-Dichloroethene	3.348	96	5861	0.776	ug/L	90
22) cis-1,2-Dichloroethene	4.654	96	25457	3.007	ug/L	93
25) Chloroform	5.075	83	9263	0.594	ug/L	91
27) 1,2-Dichloroethane	5.789	62	4074	0.411	ug/L	99
34) Trichloroethene	6.541	95	21717362m	2406.051	ug/L	
42) Toluene	7.962	91	27898	0.812	ug/L	98
47) Tetrachloroethene	8.544	164	245498	35.227	ug/L	95
51) Chlorobenzene	9.438	112	6473	0.294	ug/L	98

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

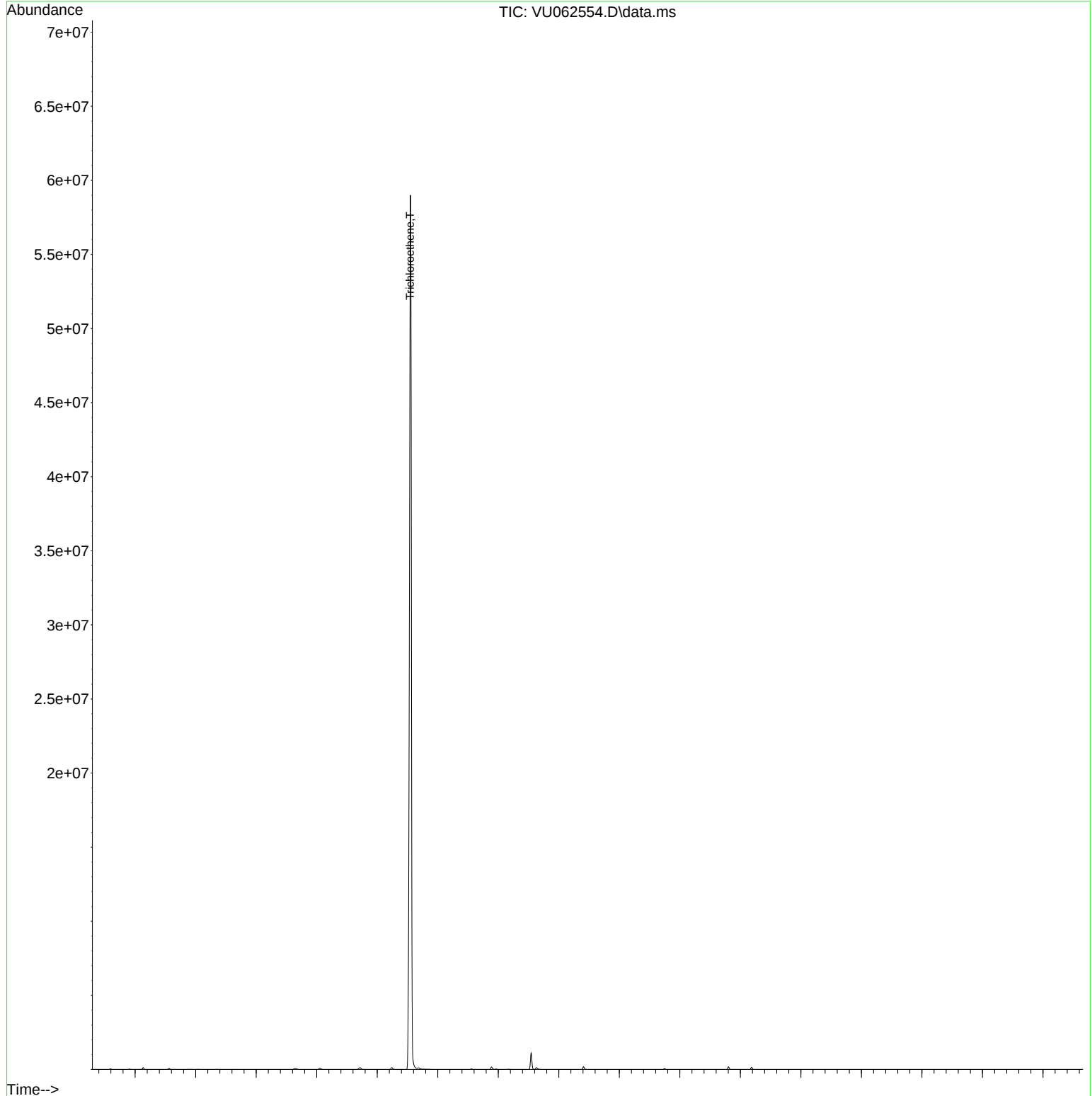
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122024\
Data File : VU062554.D
Acq On : 21 Dec 2024 04:58
Operator : MD/SY
Sample : P5344-11
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

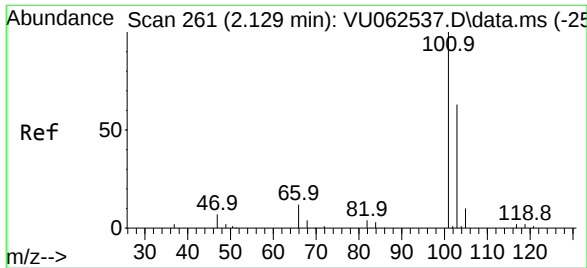
Instrument :
MSVOA_U
ClientSampleId :
C0CG9

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 12/23/2024
Supervised By : Mahesh Dadoda 12/24/2024

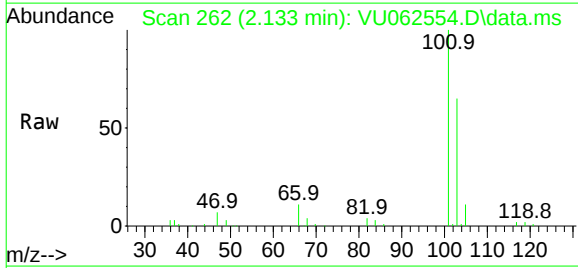
Quant Time: Dec 21 05:11:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 20 23:41:56 2024
Response via : Initial Calibration





#9
 Trichlorofluoromethane
 Concen: 5.606 ug/L
 RT: 2.133 min Scan# 261
 Delta R.T. 0.004 min
 Lab File: VU062554.D
 Acq: 21 Dec 2024 04:58

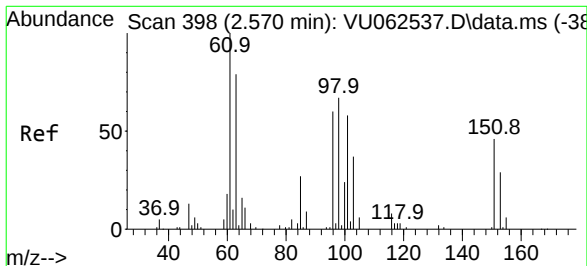
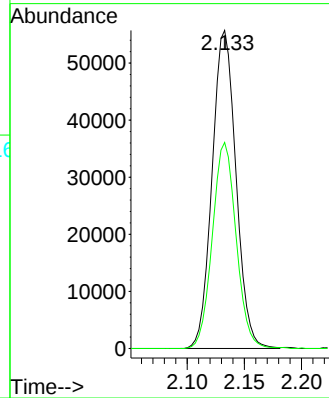
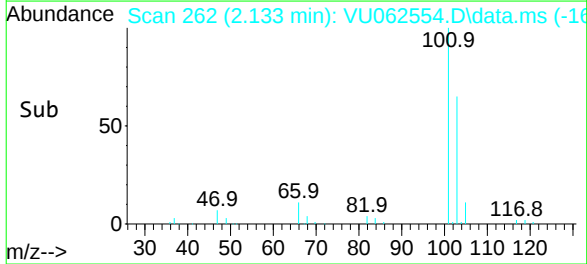
Instrument :
 MSVOA_U
 ClientSampleId :
 C0CG9



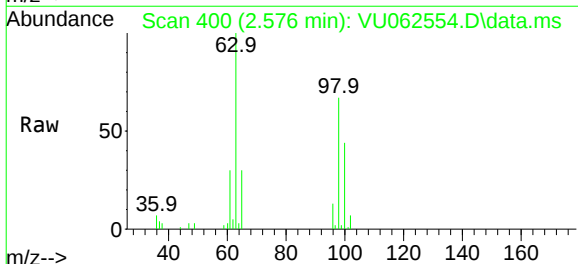
Tgt Ion: 101 Resp: 80971
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.6 75.8

Manual Integrations
 APPROVED

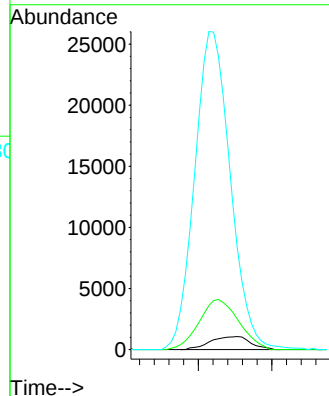
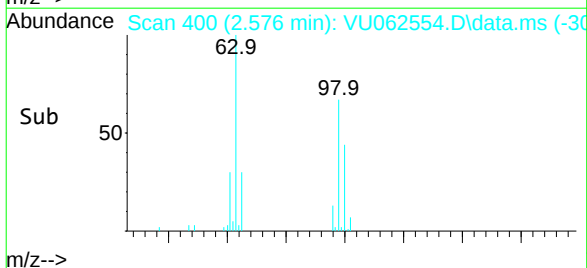
Reviewed By : Semsettin Yesilyurt 12/23/2024
 Supervised By : Mahesh Dadoda 12/24/2024

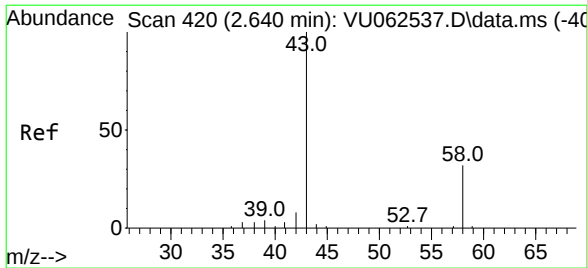


#12
 1,1-Dichloroethene
 Concen: 0.275 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.007 min
 Lab File: VU062554.D
 Acq: 21 Dec 2024 04:58



Tgt Ion: 96 Resp: 2023
 Ion Ratio Lower Upper
 96 100
 61 203.0 119.6 222.2
 63 675.2 65.0 120.6#





#13

Acetone

Concen: 6.373 ug/L

RT: 2.654 min Scan# 42

Delta R.T. 0.013 min

Lab File: VU062554.D

Acq: 21 Dec 2024 04:58

Instrument :

MSVOA_U

ClientSampleId :

C0CG9

Tgt Ion: 43 Resp: 6106

Ion Ratio Lower Upper

43 100

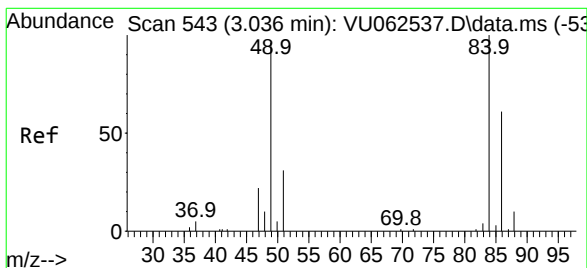
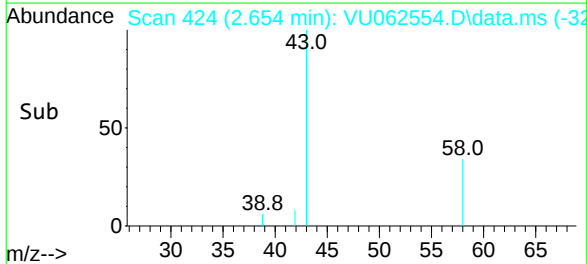
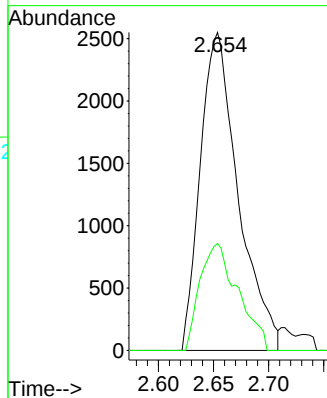
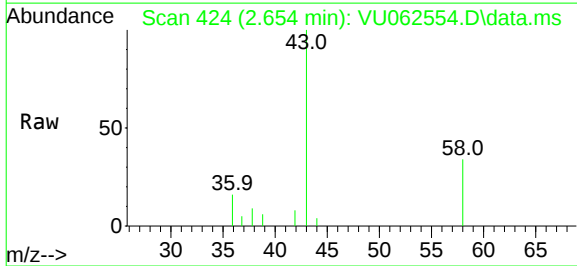
58 33.6 0.0 64.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/24/2024



#16

Methylene chloride

Concen: 1.110 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

Lab File: VU062554.D

Acq: 21 Dec 2024 04:58

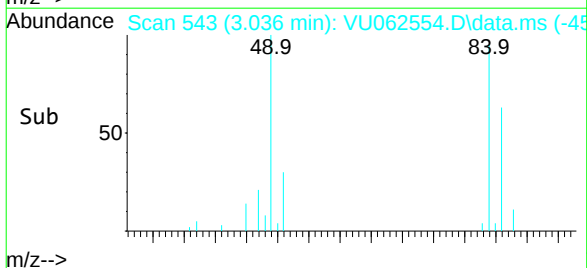
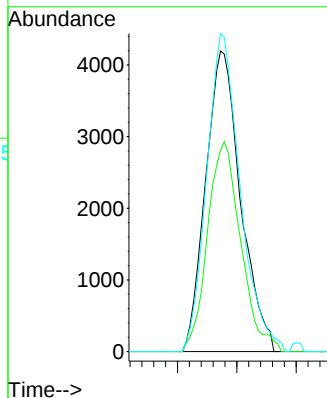
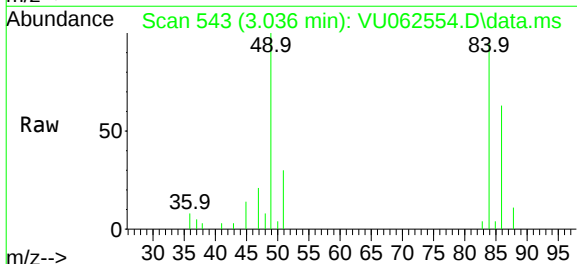
Tgt Ion: 84 Resp: 8566

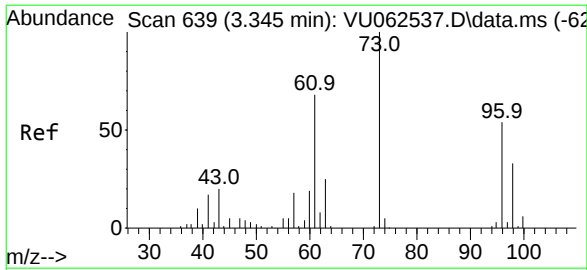
Ion Ratio Lower Upper

84 100

86 67.0 43.5 80.7

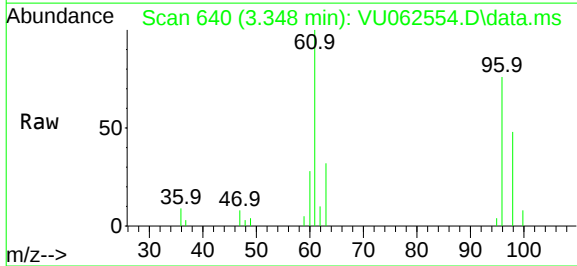
49 105.8 81.9 152.1





trans-1,2-Dichloroethene
Concen: 0.776 ug/L
RT: 3.348 min Scan# 64
Delta R.T. 0.004 min
Lab File: VU062554.D
Acq: 21 Dec 2024 04:58

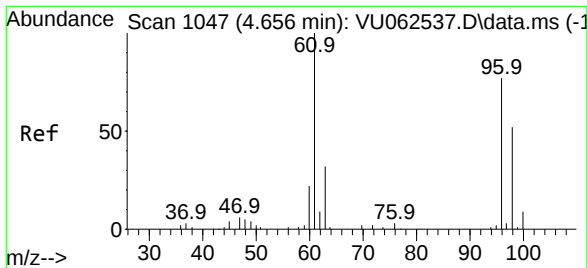
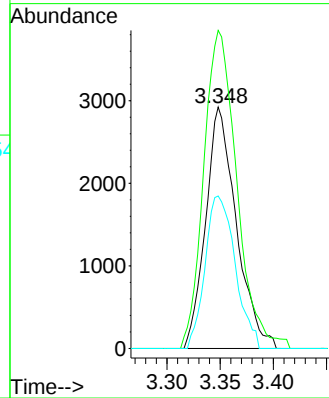
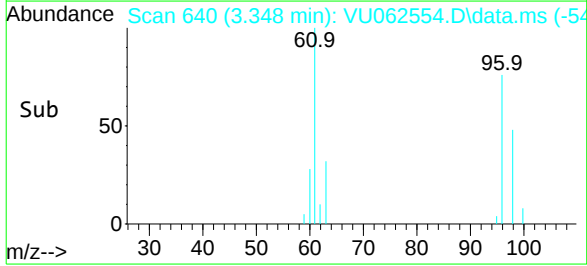
Instrument :
MSVOA_U
ClientSampleId :
C0CG9



Tgt Ion: 96 Resp: 5861
Ion Ratio Lower Upper
96 100
61 131.7 104.2 193.4
98 63.2 45.7 84.9

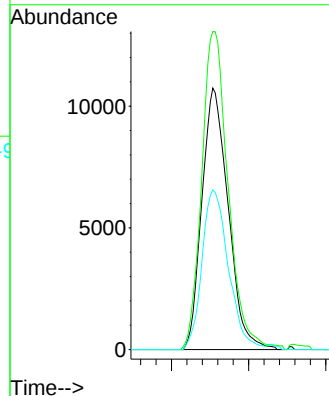
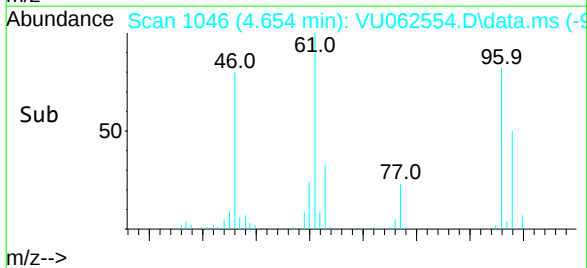
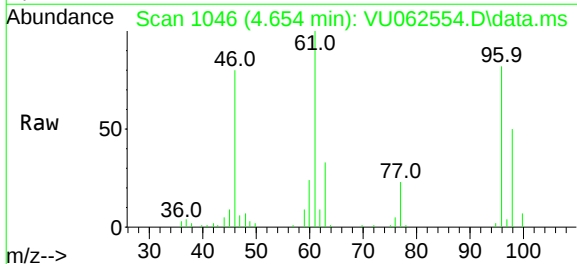
Manual Integrations
APPROVED

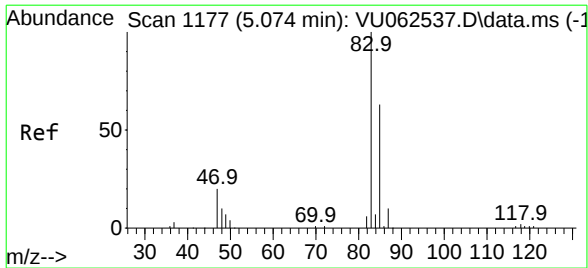
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



cis-1,2-Dichloroethene
Concen: 3.007 ug/L
RT: 4.654 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU062554.D
Acq: 21 Dec 2024 04:58

Tgt Ion: 96 Resp: 25457
Ion Ratio Lower Upper
96 100
61 121.6 92.0 170.8
98 61.0 44.5 82.7





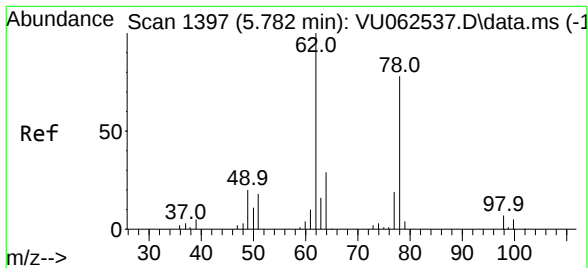
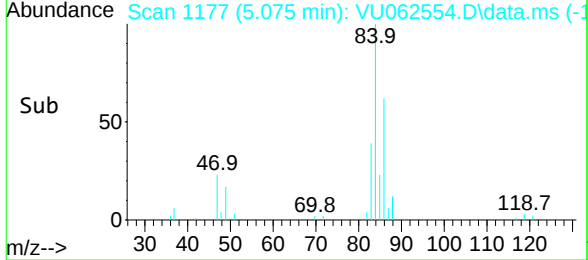
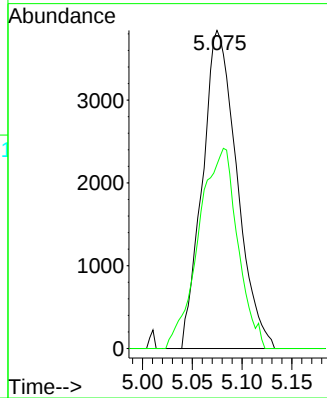
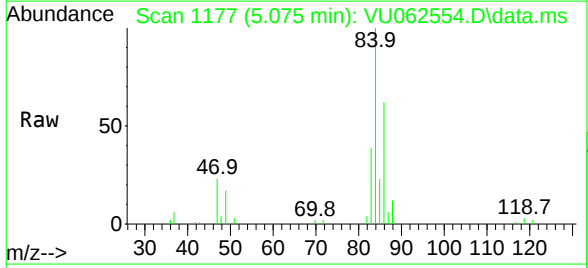
#25
Chloroform
Concen: 0.594 ug/L
RT: 5.075 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VU062554.D
Acq: 21 Dec 2024 04:58

Instrument :
MSVOA_U
ClientSampleId :
C0CG9

Tgt Ion: 83 Resp: 9263
Ion Ratio Lower Upper
83 100
85 57.9 45.4 84.2

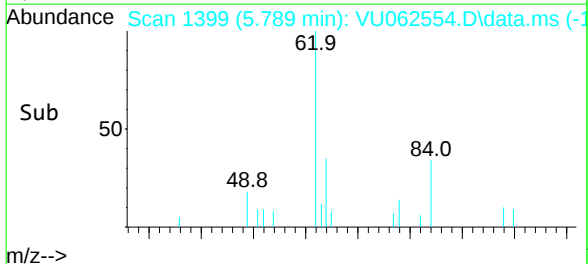
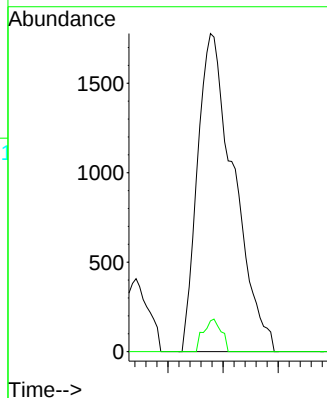
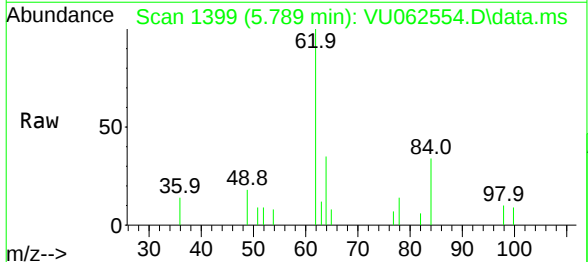
Manual Integrations
APPROVED

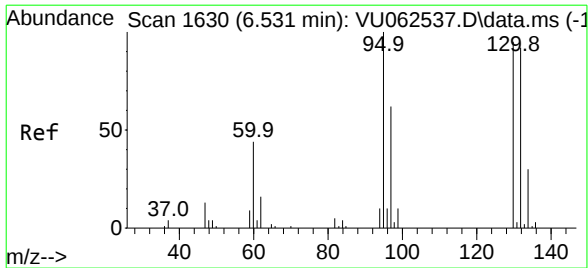
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#27
1,2-Dichloroethane
Concen: 0.411 ug/L
RT: 5.789 min Scan# 1399
Delta R.T. 0.007 min
Lab File: VU062554.D
Acq: 21 Dec 2024 04:58

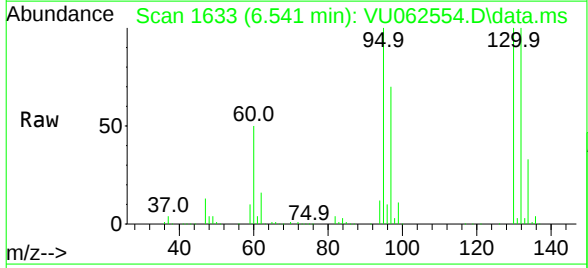
Tgt Ion: 62 Resp: 4074
Ion Ratio Lower Upper
62 100
98 9.7 7.4 11.0





#34
Trichloroethene
Concen: 2406.051 ug/L m
RT: 6.541 min Scan# 16
Delta R.T. 0.010 min
Lab File: VU062554.D
Acq: 21 Dec 2024 04:58

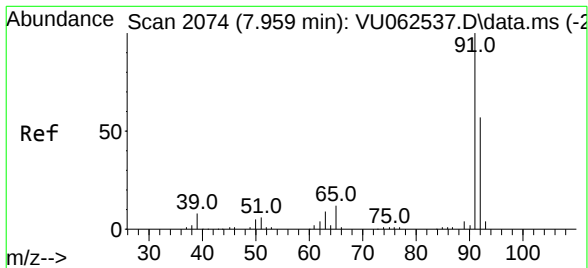
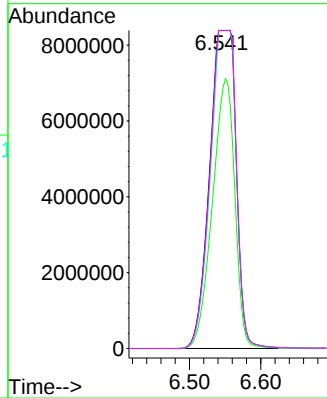
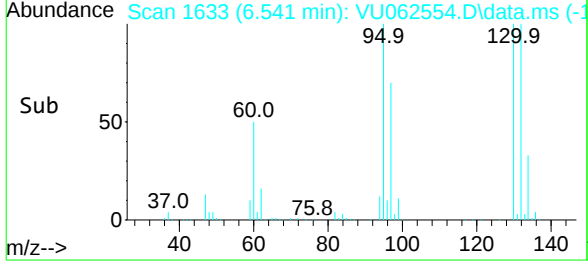
Instrument :
MSVOA_U
ClientSampleId :
C0CG9



Tgt Ion: 95 Resp: 21717362
Ion Ratio Lower Upper
95 100
97 69.9 45.9 85.3
132 100.0 63.8 118.4
130 100.0 65.5 121.7

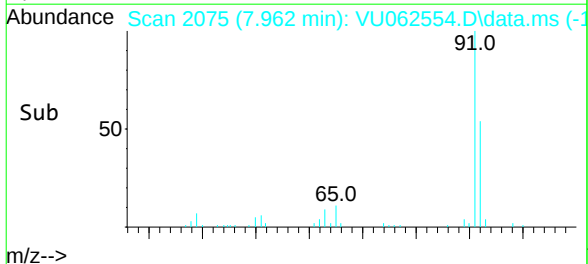
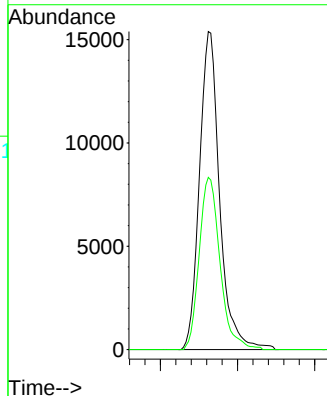
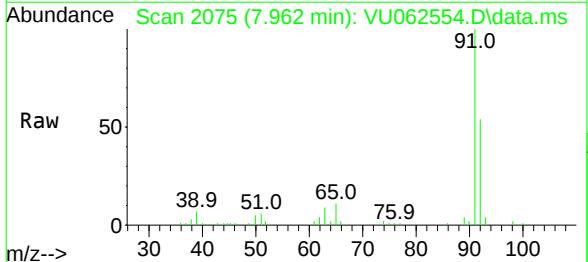
Manual Integrations
APPROVED

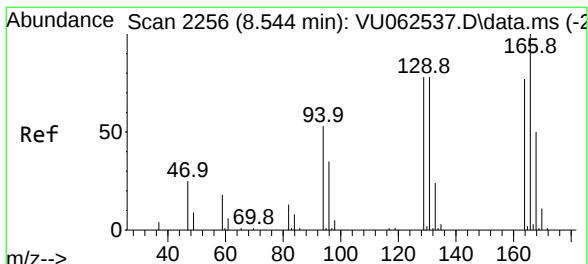
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#42
Toluene
Concen: 0.812 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.004 min
Lab File: VU062554.D
Acq: 21 Dec 2024 04:58

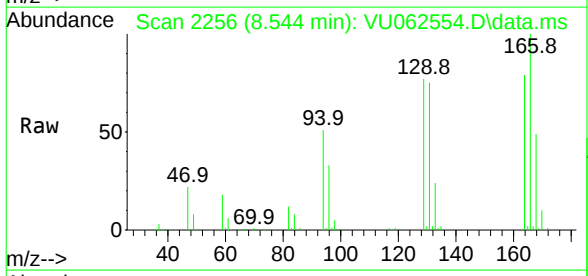
Tgt Ion: 91 Resp: 27898
Ion Ratio Lower Upper
91 100
92 54.2 39.0 72.4





#47
Tetrachloroethene
Concen: 35.227 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU062554.D
Acq: 21 Dec 2024 04:58

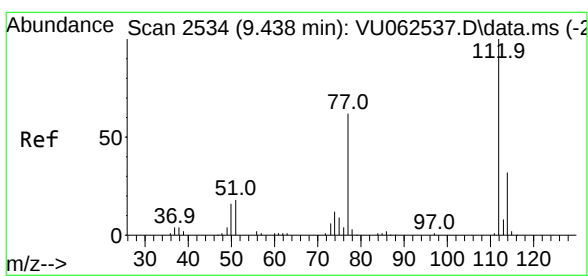
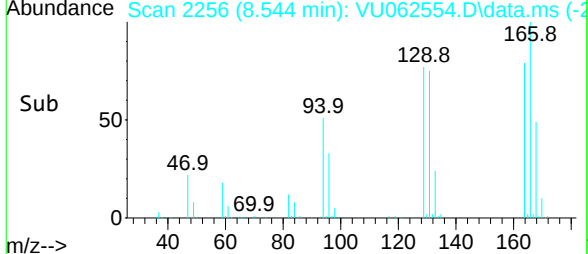
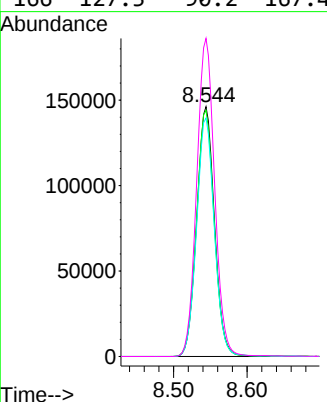
Instrument : MSVOA_U
ClientSampleId : C0CG9



Tgt Ion	Ratio	Lower	Upper
164	100		
129	98.5	73.2	136.0
131	95.4	72.3	134.3
166	127.3	90.2	167.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#51
Chlorobenzene
Concen: 0.294 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU062554.D
Acq: 21 Dec 2024 04:58

Tgt Ion	Ratio	Lower	Upper
112	100		
114	35.0	23.0	42.6
77	63.9	50.5	75.7

