

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122024\
 Data File : VU062551.D
 Acq On : 21 Dec 2024 03:45
 Operator : MD/SY
 Sample : P5344-08
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CG5

Manual Integrations
 APPROVED

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

Quant Time: Dec 21 04:08:45 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	6.245	114	109263	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	104469	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	53545	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	26831	3.641	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	72.800%		
7) Chloroethane-d5	1.907	69	23412	4.466	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	89.400%		
11) 1,1-Dichloroethene-d2	2.560	65	13685	3.903	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	78.000%		
20) 2-Butanone-d5	4.631	46	54525	38.604	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	77.200%		
24) Chloroform-d	5.052	84	68259	4.279	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	85.600%		
26) 1,2-Dichloroethane-d4	5.692	65	37647	4.800	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	96.000%		
32) Benzene-d6	5.718	84	119810	3.982	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	79.600%		
36) 1,2-Dichloropropane-d6	6.695	67	35339	4.105	ug/L	0.02
Spiked Amount 5.000	Range 60 - 140		Recovery =	82.000%		
41) Toluene-d8	7.891	98	120151	4.227	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	84.600%		
43) trans-1,3-Dichloroprop...	8.174	79	16105	4.250	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	85.000%		
46) 2-Hexanone-d5	8.627	63	46059	40.288	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	80.580%		
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27983	4.177	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	83.600%		
66) 1,2-Dichlorobenzene-d4	12.184	152	44773	4.538	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	90.800%		
Target Compounds						
9) Trichlorofluoromethane	2.132	101	2517042	173.618	ug/L	98
12) 1,1-Dichloroethene	2.567	96	1363	0.185	ug/L #	1
18) trans-1,2-Dichloroethene	3.345	96	8828	1.165	ug/L	87
22) cis-1,2-Dichloroethene	4.653	96	52854	6.221	ug/L	92
25) Chloroform	5.078	83	22820	1.458	ug/L	99
31) Carbon tetrachloride	5.515	117	61403	4.557	ug/L	98
34) Trichloroethene	6.541	95	44945094m	4900.979	ug/L	
45) 1,1,2-Trichloroethane	8.393	97	8650	1.453	ug/L	98
47) Tetrachloroethene	8.547	164	1600981	226.105	ug/L	96
51) Chlorobenzene	9.441	112	12164	0.544	ug/L	95

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

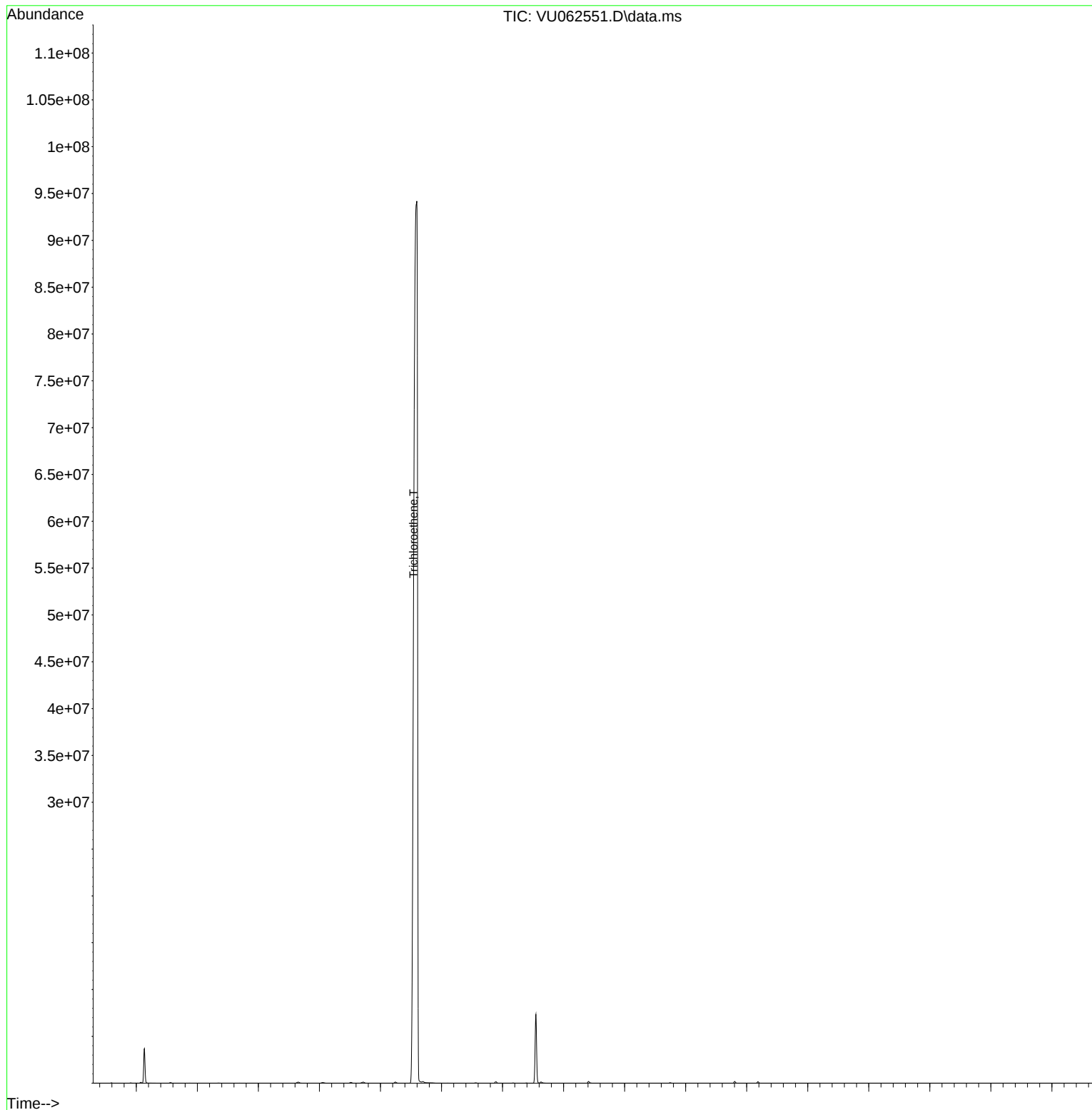
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122024\
Data File : VU062551.D
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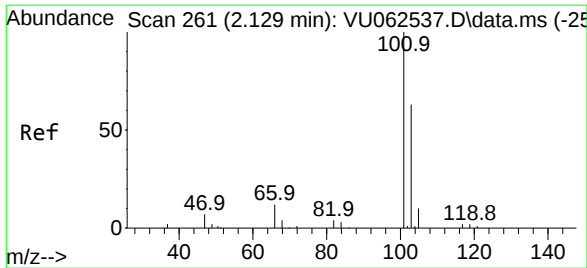
Instrument :
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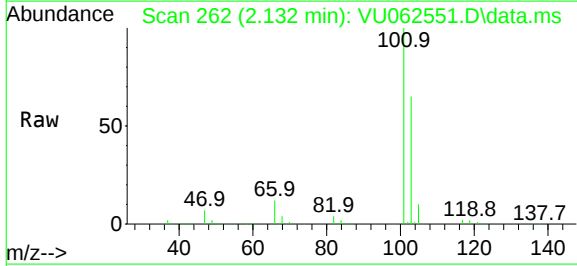
Quant Time: Dec 21 04:08:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 20 23:41:56 2024
Response via : Initial Calibration





#9
Trichlorofluoromethane
Concen: 173.618 ug/L
RT: 2.132 min Scan# 261
Delta R.T. 0.003 min
Lab File: VU062551.D
Acq: 21 Dec 2024 03:45

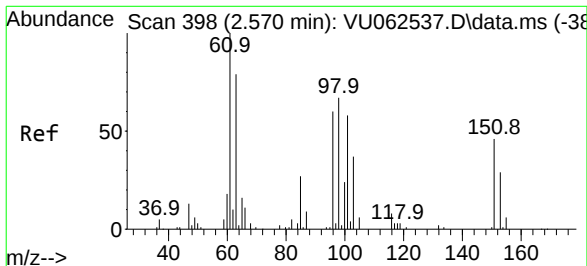
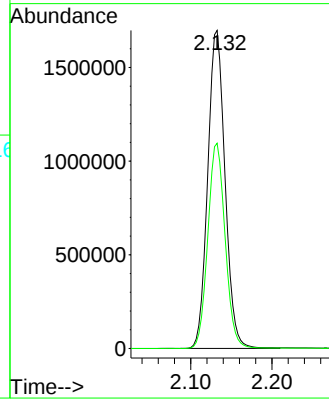
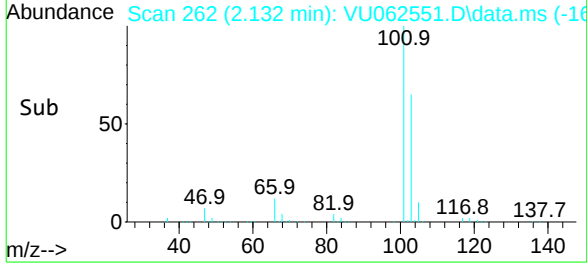
Instrument :
MSVOA_U
ClientSampleId :
C0CG5



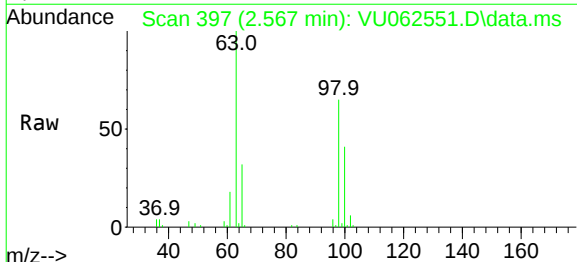
Tgt Ion:101 Resp: 2517042
Ion Ratio Lower Upper
101 100
103 64.6 50.6 75.8

Manual Integrations
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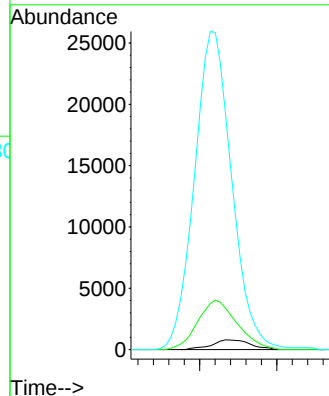
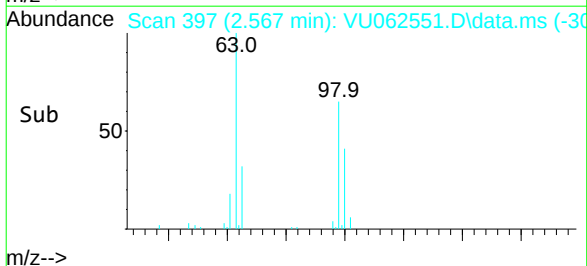
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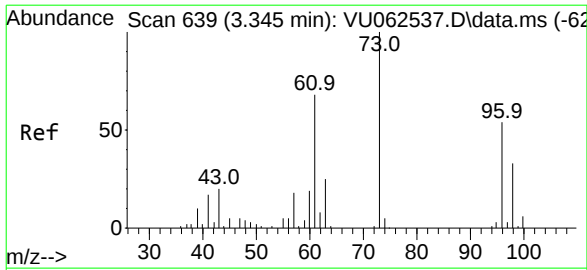


#12
1,1-Dichloroethene
Concen: 0.185 ug/L
RT: 2.567 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU062551.D
Acq: 21 Dec 2024 03:45



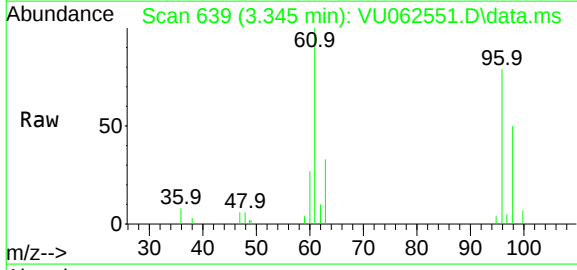
Tgt Ion: 96 Resp: 1363
Ion Ratio Lower Upper
96 100
61 430.3 119.6 222.2#
63 2452.5 65.0 120.6#





#18
trans-1,2-Dichloroethene
Concen: 1.165 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU062551.D
Acq: 21 Dec 2024 03:45

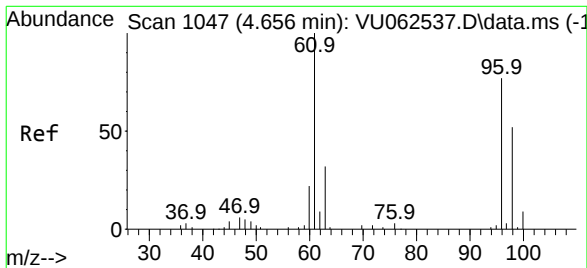
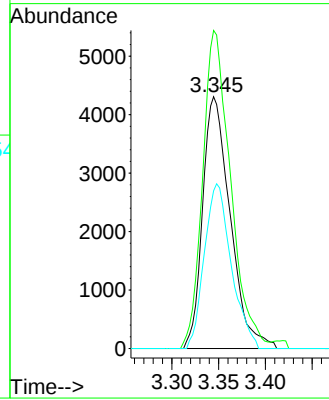
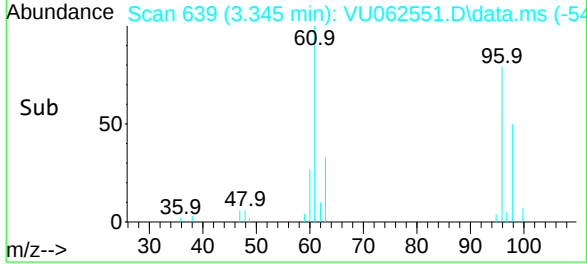
Instrument :
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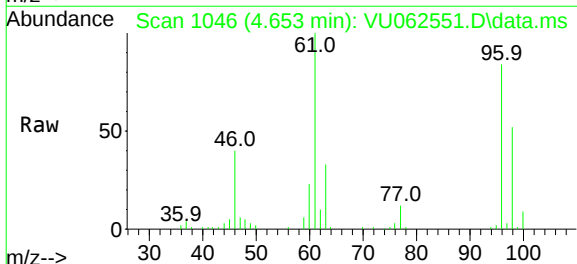
Tgt Ion: 96 Resp: 8828
Ion Ratio Lower Upper
96 100
61 126.3 104.2 193.4
98 62.6 45.7 84.9

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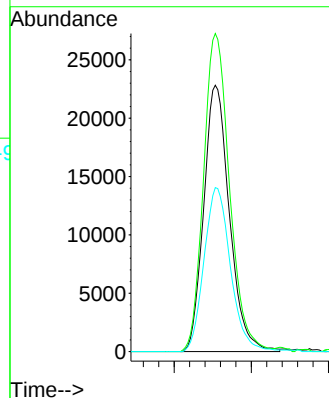
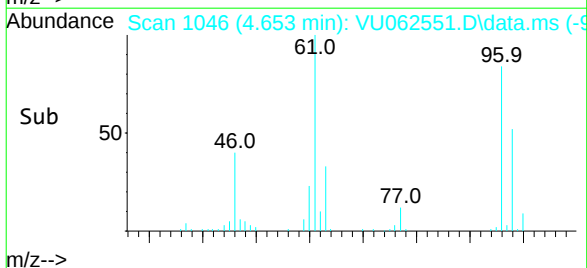
Reviewed By :Semsettin Yesilyurt 12/23/2024
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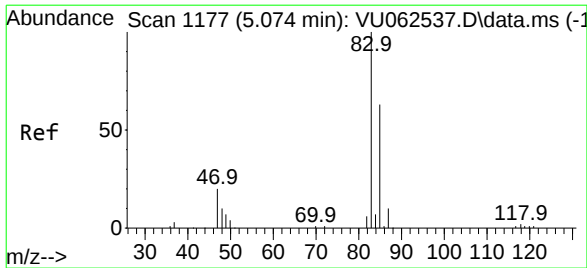


#22
cis-1,2-Dichloroethene
Concen: 6.221 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU062551.D
Acq: 21 Dec 2024 03:45



Tgt Ion: 96 Resp: 52854
Ion Ratio Lower Upper
96 100
61 119.4 92.0 170.8
98 61.6 44.5 82.7





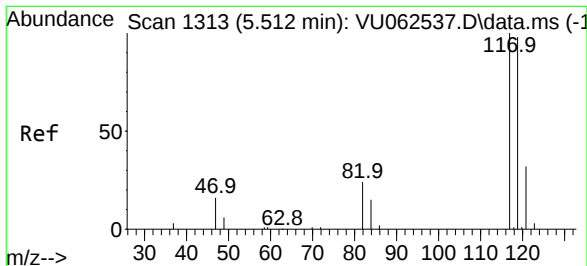
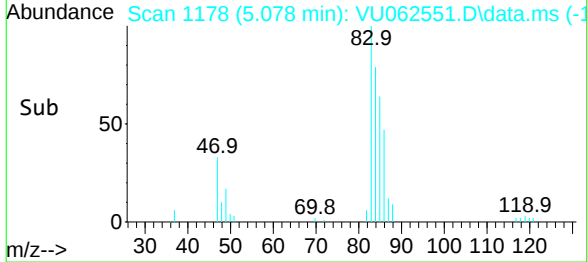
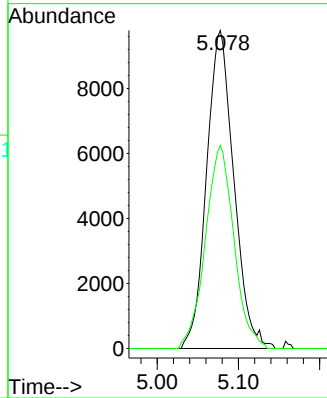
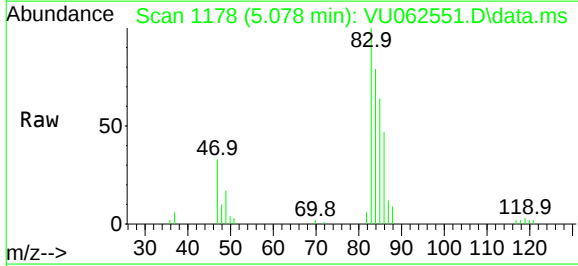
#25
Chloroform
Concen: 1.458 ug/L
RT: 5.078 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VU062551.D
Acq: 21 Dec 2024 03:45

Instrument :
MSVOA_U
ClientSampleId :
C0CG5

Tgt Ion: 83 Resp: 22820
Ion Ratio Lower Upper
83 100
85 63.9 45.4 84.2

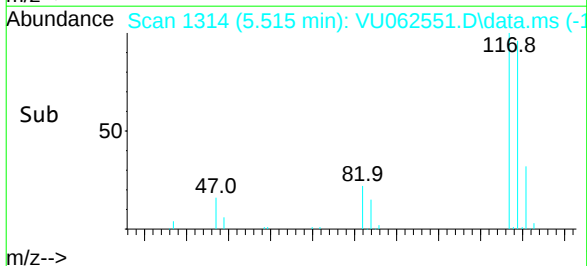
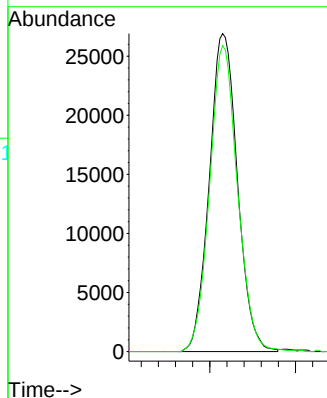
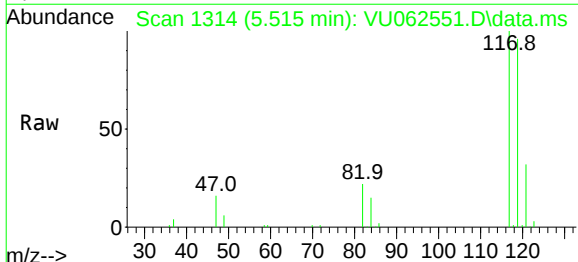
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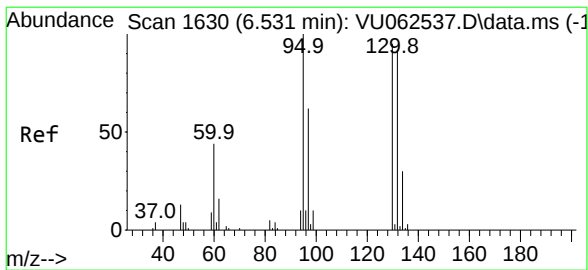
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#31
Carbon tetrachloride
Concen: 4.557 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU062551.D
Acq: 21 Dec 2024 03:45

Tgt Ion:117 Resp: 61403
Ion Ratio Lower Upper
117 100
119 95.3 77.5 116.3





#34

Trichloroethene

Concen: 4900.979 ug/L m

RT: 6.541 min Scan# 16

Delta R.T. 0.010 min

Lab File: VU062551.D

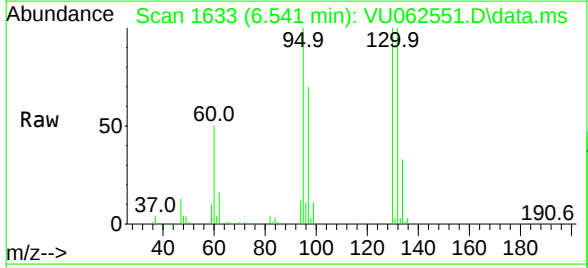
Acq: 21 Dec 2024 03:45

Instrument :

MSVOA_U

ClientSampleId :

C0CG5



Tgt Ion: 95 Resp: 44945094

Ion Ratio Lower Upper

95 100

97 69.5 45.9 85.3

132 100.0 63.8 118.4

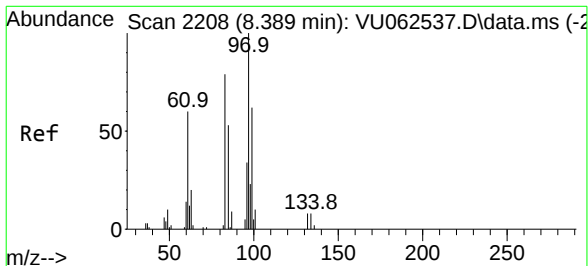
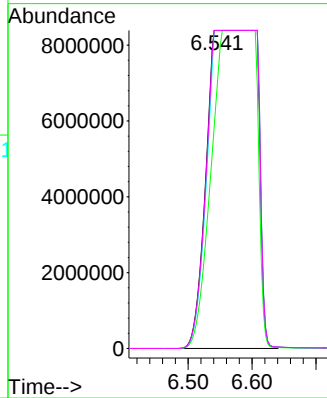
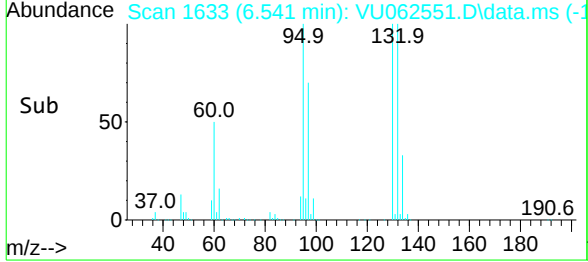
130 100.0 65.5 121.7

Manual Integrations

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#45

1,1,2-Trichloroethane

Concen: 1.453 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. 0.003 min

Lab File: VU062551.D

Acq: 21 Dec 2024 03:45

Tgt Ion: 97 Resp: 8650

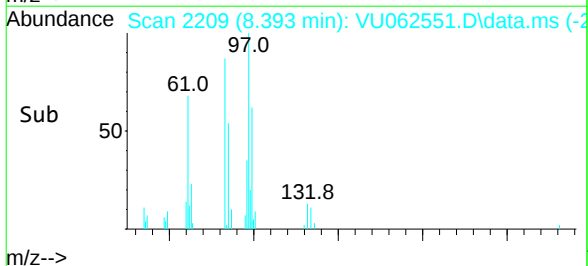
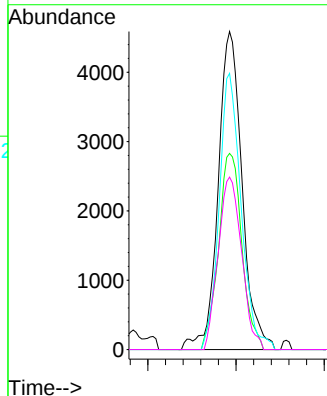
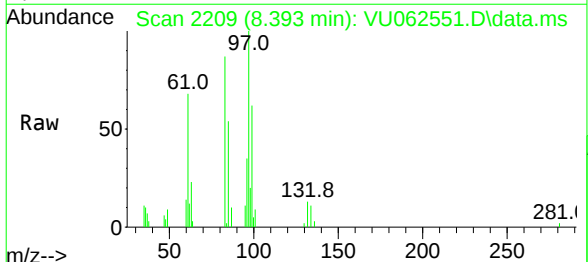
Ion Ratio Lower Upper

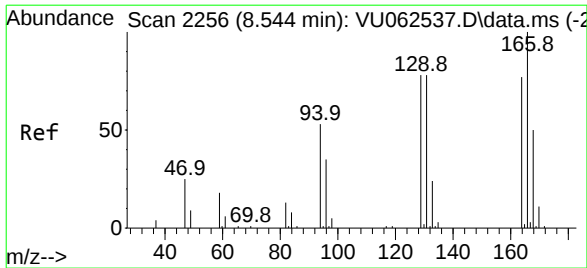
97 100

99 61.7 43.0 79.8

83 86.9 61.7 114.5

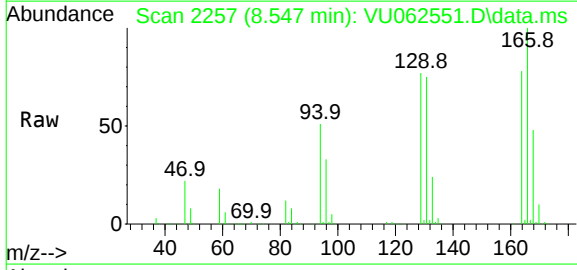
85 54.2 40.1 74.5





#47
Tetrachloroethene
Concen: 226.105 ug/L
RT: 8.547 min Scan# 2256
Delta R.T. 0.003 min
Lab File: VU062551.D
Acq: 21 Dec 2024 03:45

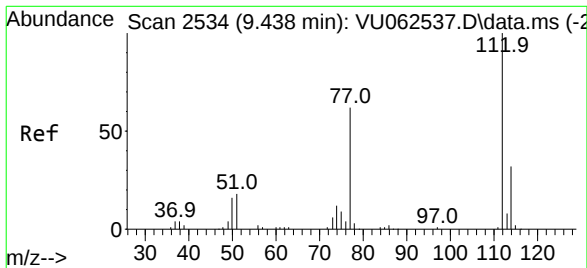
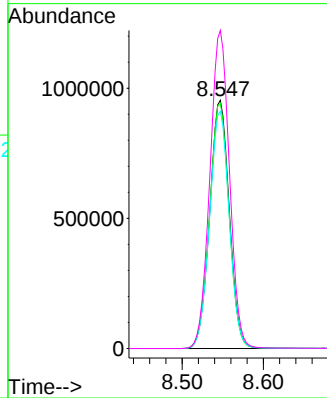
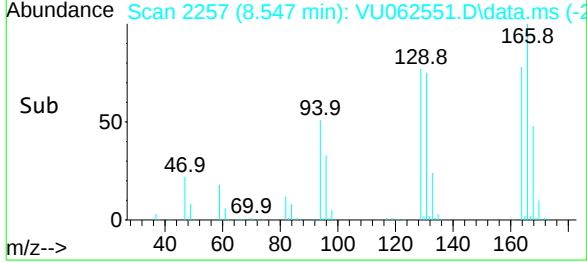
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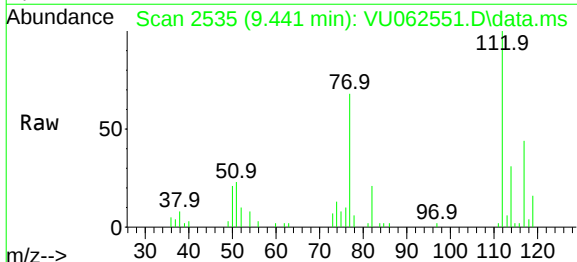
Tgt Ion:164 Resp: 1600981
Ion Ratio Lower Upper
164 100
129 98.8 73.2 136.0
131 95.5 72.3 134.3
166 128.1 90.2 167.4

Manual Integrations
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#51
Chlorobenzene
Concen: 0.544 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU062551.D
Acq: 21 Dec 2024 03:45



Tgt Ion:112 Resp: 12164
Ion Ratio Lower Upper
112 100
114 31.1 23.0 42.6
77 68.0 50.5 75.7

