

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050624\
 Data File : VU058831.D
 Acq On : 06 May 2024 13:49
 Operator : MD/SY
 Sample : P2392-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAQ7

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 05/07/2024
 Supervised By :Semsettin Yesilyurt 05/07/2024

Quant Time: May 07 01:10:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 07 01:07:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	66569	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	71711	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	34354	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	16924	3.232	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.600%
7) Chloroethane-d5	1.904	69	13647	3.459	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.200%
11) 1,1-Dichloroethene-d2	2.557	65	10258	3.891	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	4.615	46	42048	45.706	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.420%
24) Chloroform-d	5.049	84	51125	4.776	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.692	65	26838	5.173	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.717	84	86954	3.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.200%
36) 1,2-Dichloropropane-d6	6.682	67	24937	3.663	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.200%
41) Toluene-d8	7.897	98	77919	3.814	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
43) trans-1,3-Dichloroprop...	8.177	79	10083	4.068	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.647	63	25466m	34.671	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.340%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	18788	4.531	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	29445	4.918	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						
5) Vinyl chloride	1.595	62	136349	23.549	ug/L	98
12) 1,1-Dichloroethene	2.570	96	46758	9.645	ug/L	85
18) trans-1,2-Dichloroethene	3.345	96	8607	1.773	ug/L	97
19) 1,1-Dichloroethane	3.856	63	21802	2.120	ug/L	97
22) cis-1,2-Dichloroethene	4.650	96	2897826	543.240	ug/L	97
25) Chloroform	5.078	83	26767	2.504	ug/L	99
34) Trichloroethene	6.534	95	1731482	256.477	ug/L	98
42) Toluene	7.971	91	8387	0.327	ug/L	97
47) Tetrachloroethene	8.573	164	63723384m	13449.471	ug/L	

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

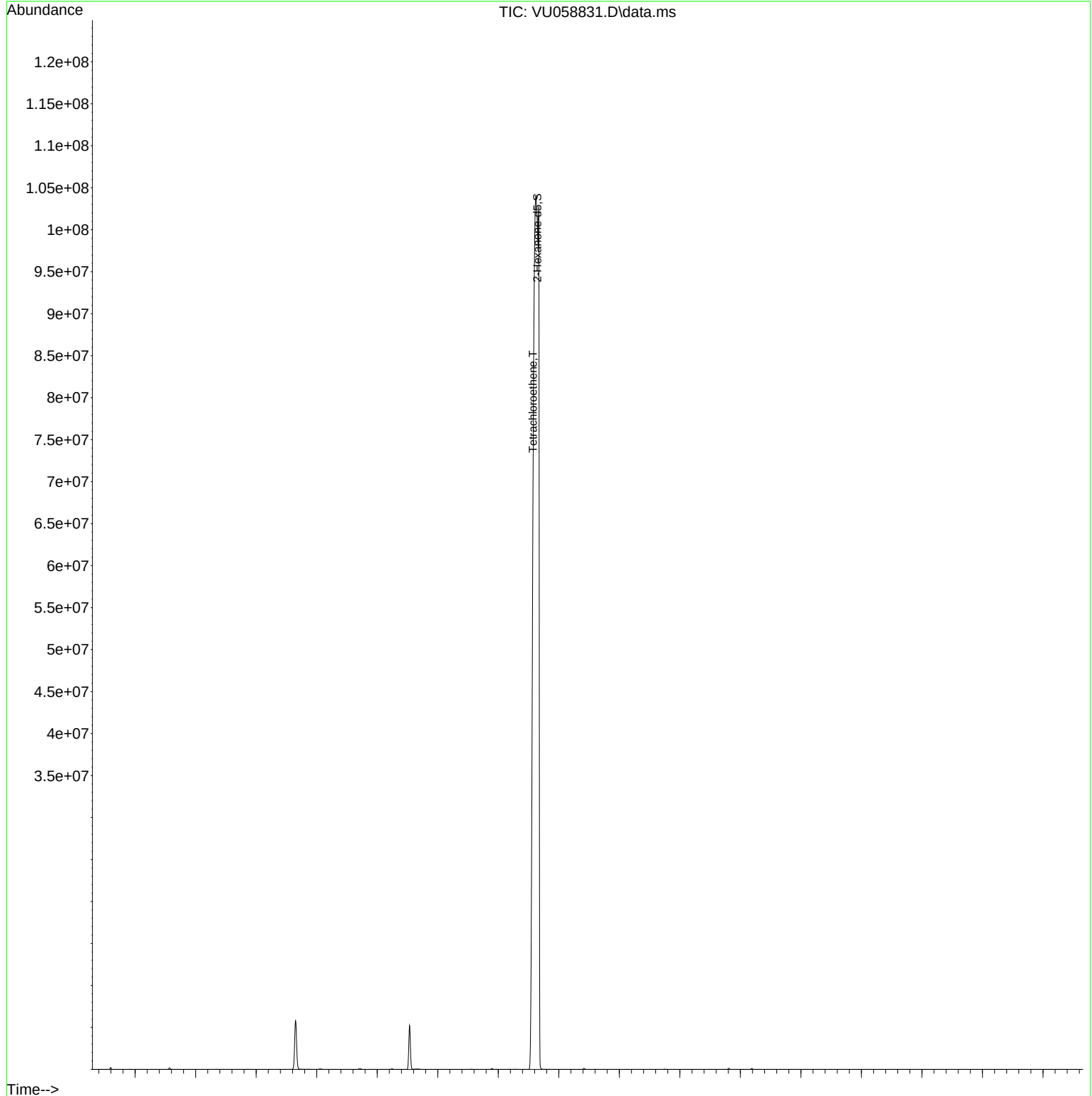
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050624\
Data File : VU058831.D
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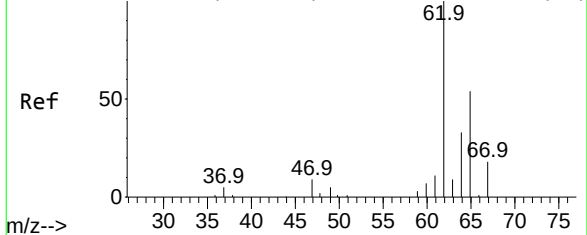
Manual Integrations
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Reviewed By :Romaben Patel 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue May 07 01:07:14 2024
Response via : Initial Calibration



Abundance Scan 95 (1.596 min): VU058821.D\data.ms (-86)



#5

Vinyl chloride

Concen: 23.549 ug/L

RT: 1.595 min Scan# 95

Delta R.T. -0.000 min

Lab File: VU058831.D

Acq: 06 May 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

BHAQ7

Tgt Ion: 62 Resp: 136349

Ion Ratio Lower Upper

62 100

64 32.9 23.8 44.2

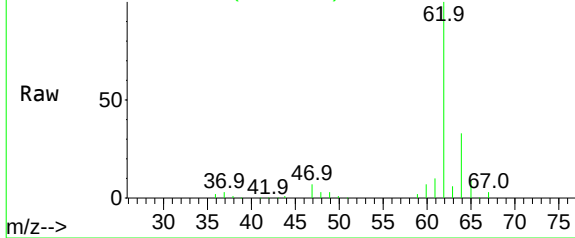
Manual Integrations

APPROVED

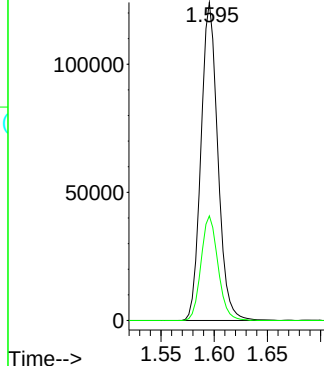
Reviewed By :Romaben Patel 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024

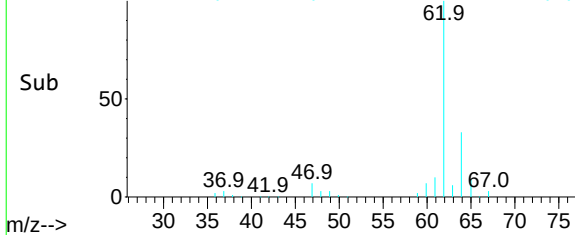
Abundance Scan 95 (1.595 min): VU058831.D\data.ms



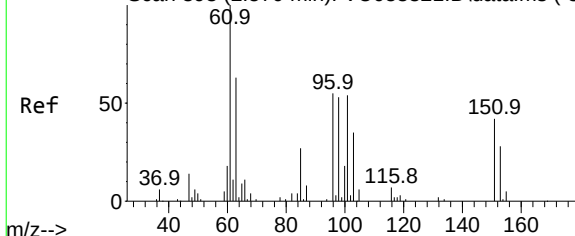
Abundance



Abundance Scan 95 (1.595 min): VU058831.D\data.ms (-2)



Abundance Scan 398 (2.570 min): VU058821.D\data.ms (-36)



#12

1,1-Dichloroethene

Concen: 9.645 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.000 min

Lab File: VU058831.D

Acq: 06 May 2024 13:49

Tgt Ion: 96 Resp: 46758

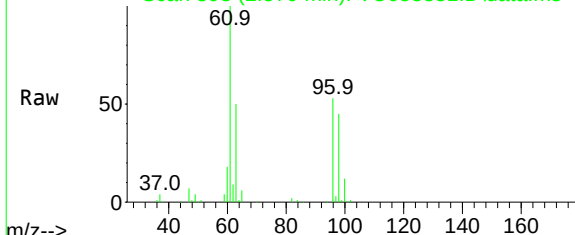
Ion Ratio Lower Upper

96 100

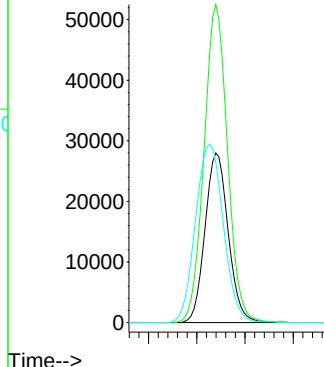
61 187.5 135.3 251.3

63 94.5 91.9 170.7

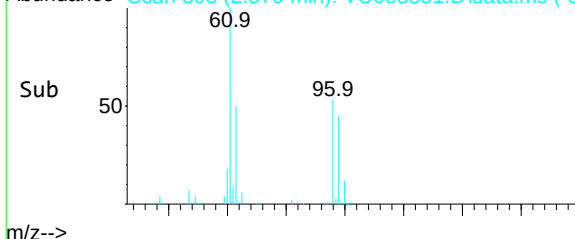
Abundance Scan 398 (2.570 min): VU058831.D\data.ms

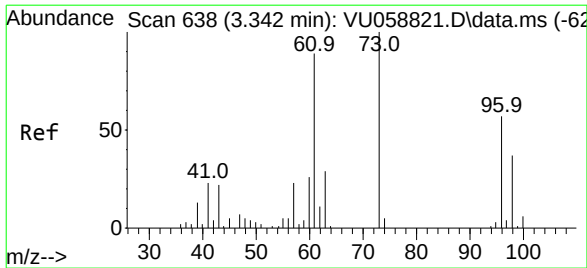


Abundance



Abundance Scan 398 (2.570 min): VU058831.D\data.ms (-30)





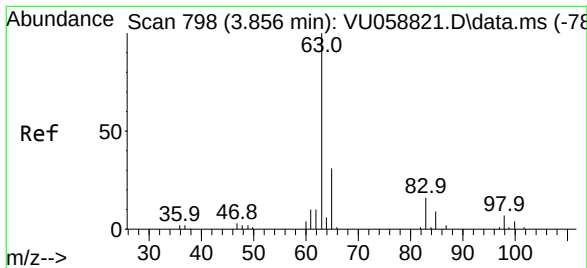
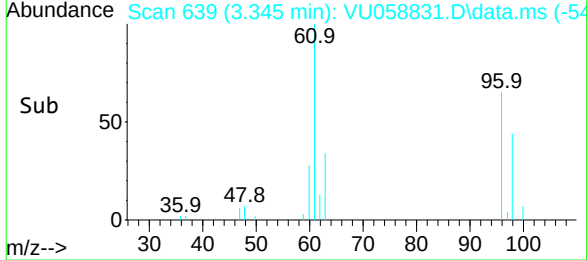
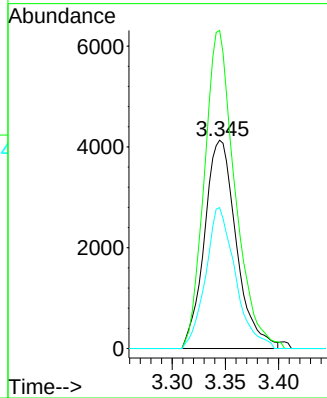
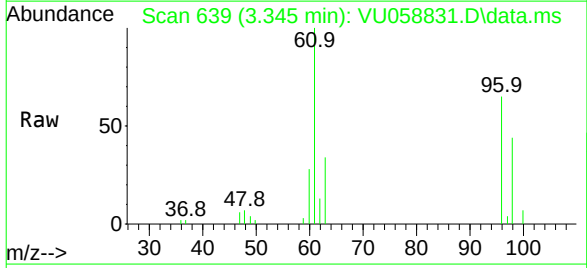
#18
trans-1,2-Dichloroethene
Concen: 1.773 ug/L
RT: 3.345 min Scan# 638
Delta R.T. 0.003 min
Lab File: VU058831.D
Acq: 06 May 2024 13:49

Instrument :
MSVOA_U
ClientSampleId :
BHAQ7

Tgt Ion:	96	Resp:	8607
Ion	Ratio	Lower	Upper
96	100		
61	152.7	108.6	201.8
98	67.6	44.4	82.4

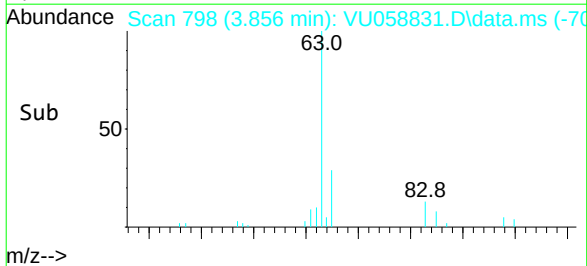
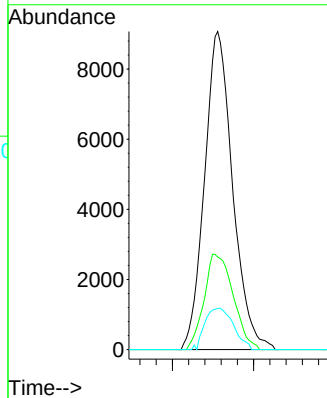
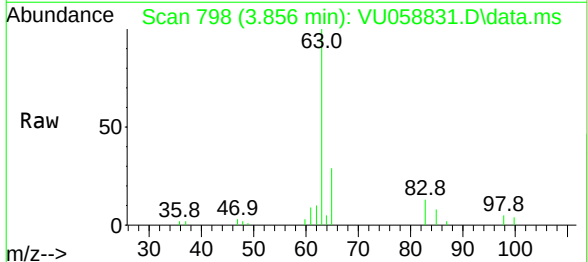
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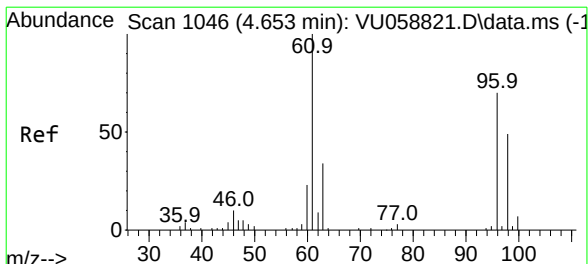
Reviewed By :Romaben Patel 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#19
1,1-Dichloroethane
Concen: 2.120 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.000 min
Lab File: VU058831.D
Acq: 06 May 2024 13:49

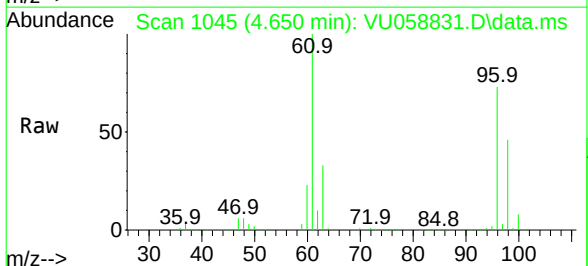
Tgt Ion:	63	Resp:	21802
Ion	Ratio	Lower	Upper
63	100		
65	29.1	21.6	40.2
83	13.0	9.5	17.7





#22
 cis-1,2-Dichloroethene
 Concen: 543.240 ug/L
 RT: 4.650 min Scan# 1045
 Delta R.T. -0.003 min
 Lab File: VU058831.D
 Acq: 06 May 2024 13:49

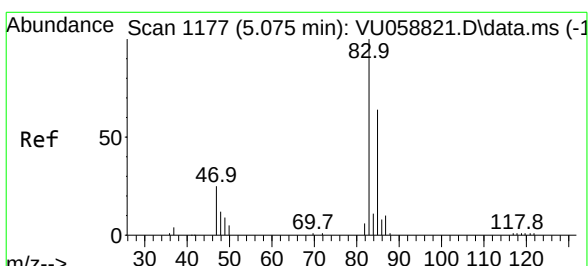
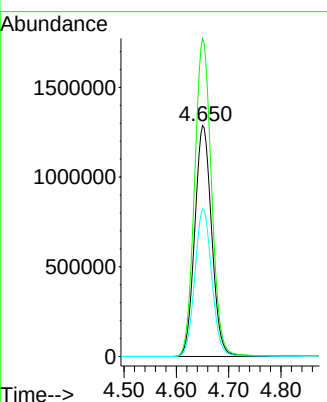
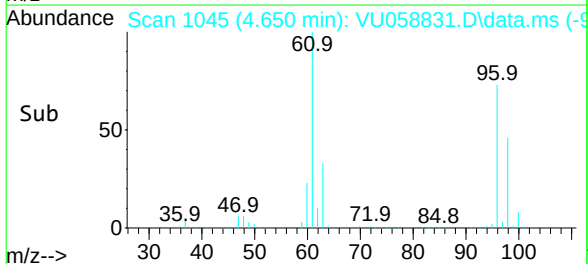
Instrument : MSVOA_U
 ClientSampleId : BHAQ7



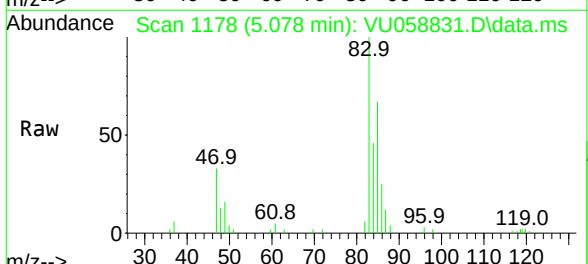
Tgt Ion: 96 Resp: 2897826

Ion	Ratio	Lower	Upper
96	100		
61	137.7	100.4	186.4
98	63.9	45.1	83.7

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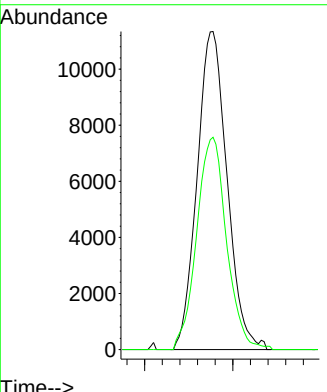
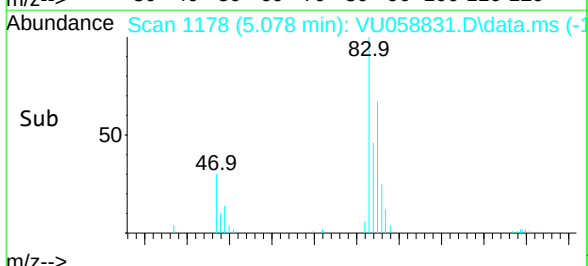


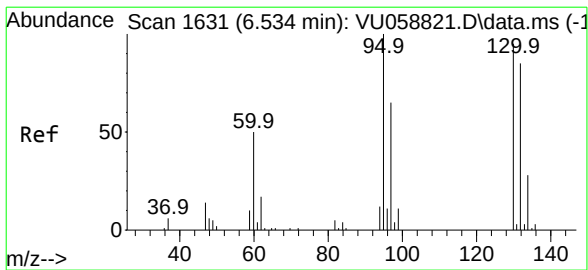
#25
 Chloroform
 Concen: 2.504 ug/L
 RT: 5.078 min Scan# 1178
 Delta R.T. 0.003 min
 Lab File: VU058831.D
 Acq: 06 May 2024 13:49



Tgt Ion: 83 Resp: 26767

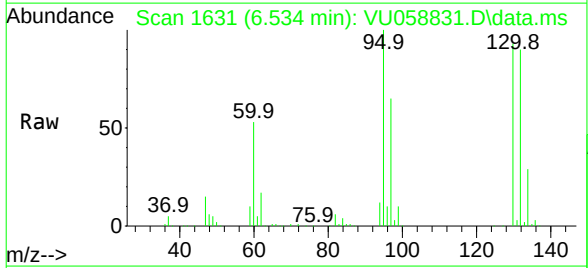
Ion	Ratio	Lower	Upper
83	100		
85	66.7	47.0	87.4





#34
Trichloroethene
Concen: 256.477 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU058831.D
Acq: 06 May 2024 13:49

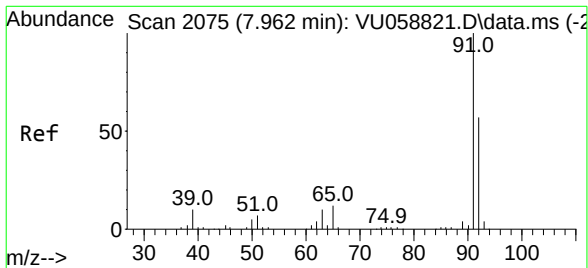
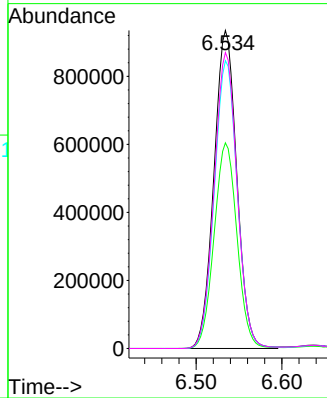
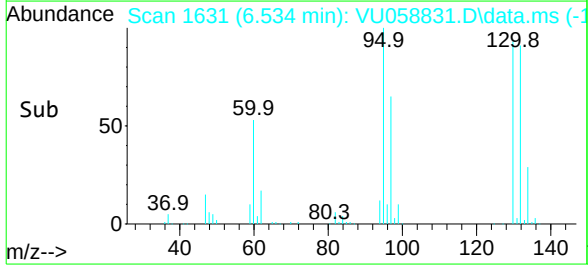
Instrument :
MSVOA_U
ClientSampleId :
BHAQ7



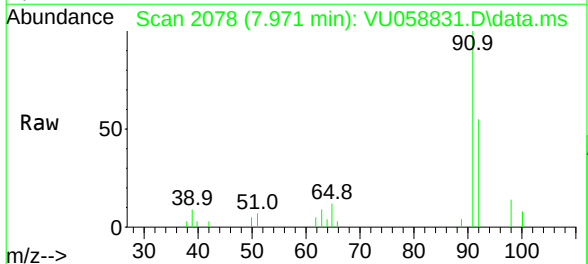
Tgt Ion: 95 Resp: 1731482
Ion Ratio Lower Upper
95 100
97 64.7 44.4 82.4
132 90.5 61.6 114.4
130 93.0 64.0 119.0

Manual Integrations
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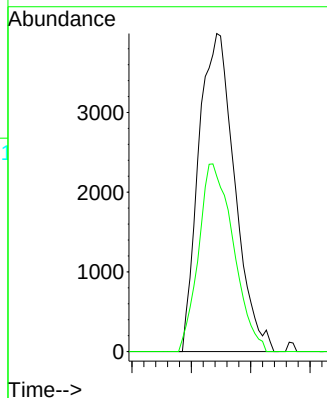
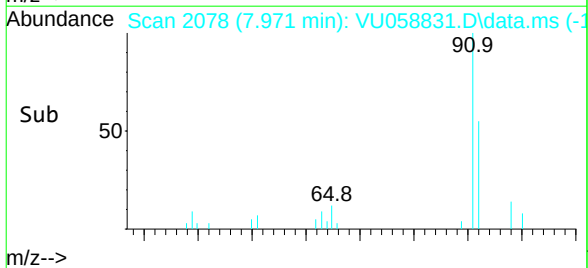
Reviewed By :Romaben Patel 05/07/2024
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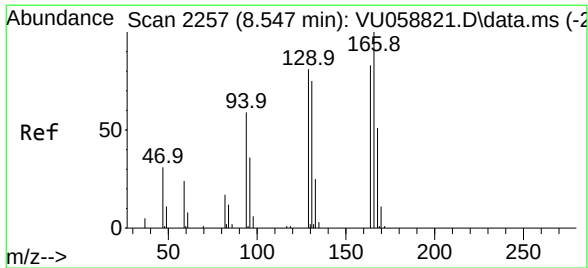


#42
Toluene
Concen: 0.327 ug/L
RT: 7.971 min Scan# 2078
Delta R.T. 0.009 min
Lab File: VU058831.D
Acq: 06 May 2024 13:49



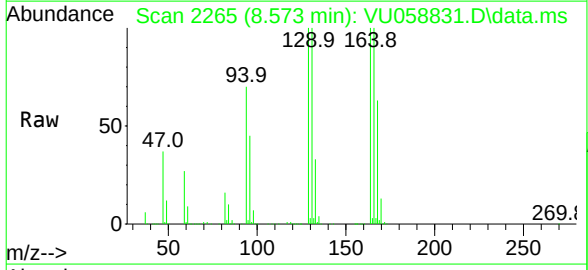
Tgt Ion: 91 Resp: 8387
Ion Ratio Lower Upper
91 100
92 55.1 40.0 74.2





#47
Tetrachloroethene
Concen: 13449.471 ug/L m
RT: 8.573 min Scan# 22
Delta R.T. 0.025 min
Lab File: VU058831.D
Acq: 06 May 2024 13:49

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:164 Resp:63723384

Ion	Ratio	Lower	Upper
164	100		
129	100.0	71.5	132.9
131	100.0	65.0	120.6
166	100.0	89.5	166.1

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