

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062898.D
 Acq On : 18 Jan 2025 02:28
 Operator : MD/SY
 Sample : Q1086-19
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE4

Quant Time: Jan 18 03:34:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 17 23:41:19 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/21/2025
 Supervised By : Mahesh Dadoda 01/21/2025

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	91930	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88071	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40647	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15362	3.017	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.400%
7) Chloroethane-d5	1.901	69	17937	4.379	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.557	65	7716	2.925	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.600%#
20) 2-Butanone-d5	4.608	46	53896	51.793	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.580%
24) Chloroform-d	5.052	84	60320	4.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.692	65	34657	5.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.717	84	101237	4.702	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.679	67	28785	4.822	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.888	98	57872	2.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	55.200%#
43) trans-1,3-Dichloroprop...	8.171	79	12595	4.233	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.621	63	43148	46.109	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.220%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24303	4.862	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.183	152	33725	4.987	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
3) Chloromethane	1.515	50	981	0.167	ug/L	99
9) Trichlorofluoromethane	2.126	101	2403	0.180	ug/L	97
12) 1,1-Dichloroethene	2.570	96	101845	17.846	ug/L #	76
16) Methylene chloride	3.036	84	1013	0.162	ug/L	89
19) 1,1-Dichloroethane	3.853	63	1616584	147.882	ug/L	96
25) Chloroform	5.081	83	15015	1.116	ug/L	93
27) 1,2-Dichloroethane	5.788	62	10158	1.155	ug/L #	91
29) 1,1,1-Trichloroethane	5.299	97	43336860m	3244.002	ug/L	
34) Trichloroethene	6.531	95	127689	14.772	ug/L	98
47) Tetrachloroethene	8.544	164	5687	0.955	ug/L	94

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

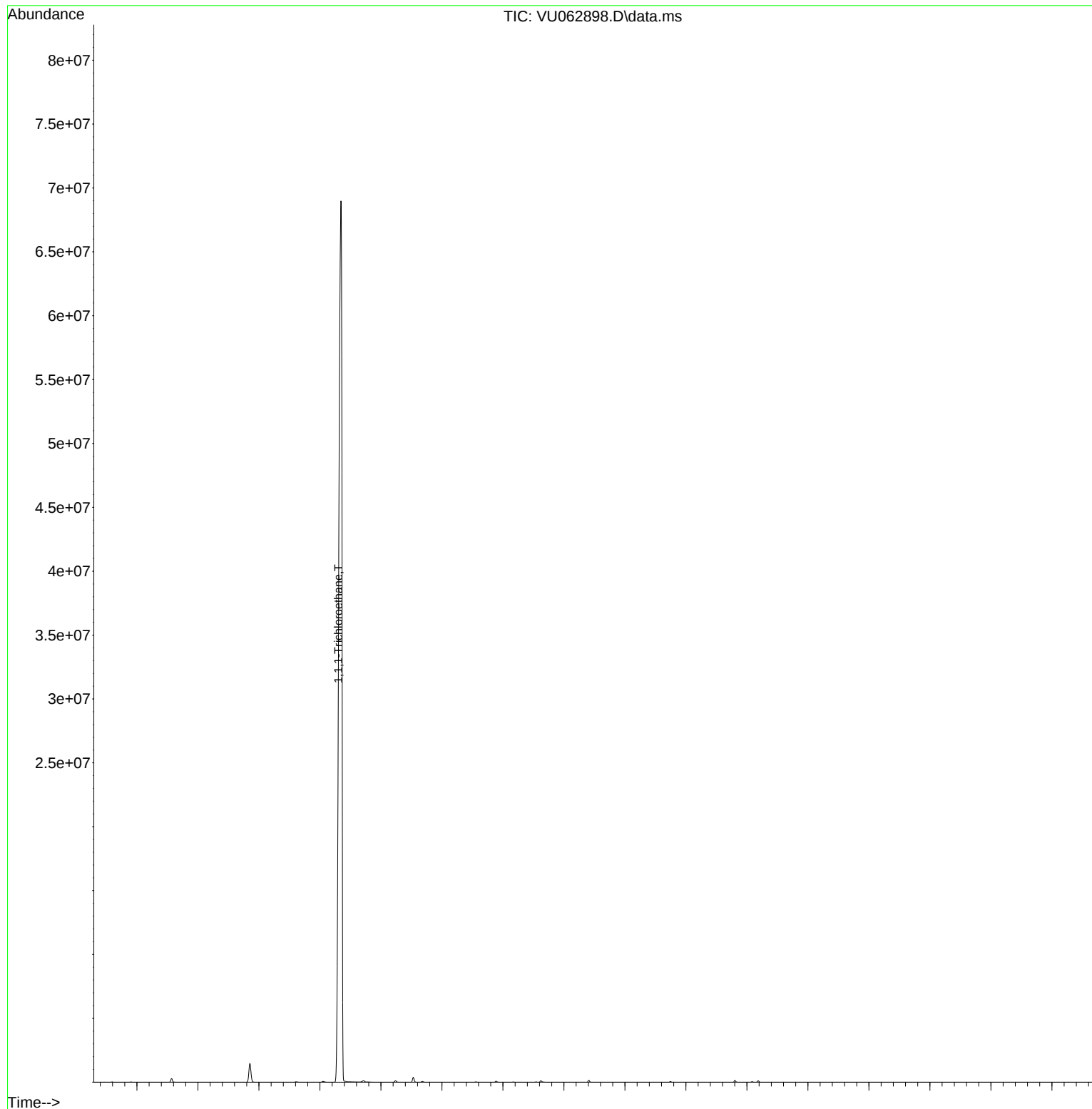
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
Data File : VU062898.D
Acq On : 18 Jan 2025 02:28
Operator : MD/SY
Sample : Q1086-19
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

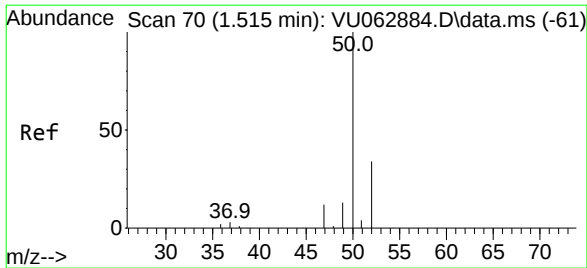
Instrument :
MSVOA_U
ClientSampleId :
C0AE4

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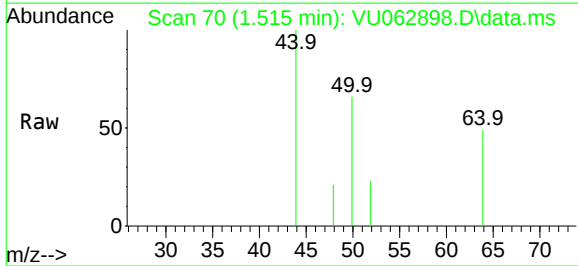
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 17 23:41:19 2025
Response via : Initial Calibration





#3
Chloromethane
Concen: 0.167 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU062898.D
Acq: 18 Jan 2025 02:28

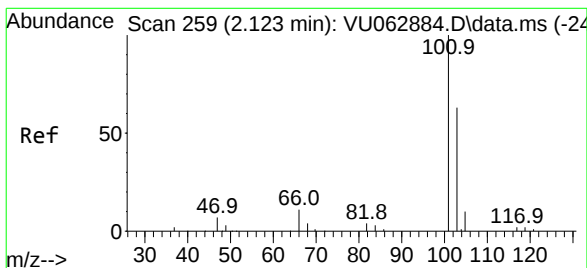
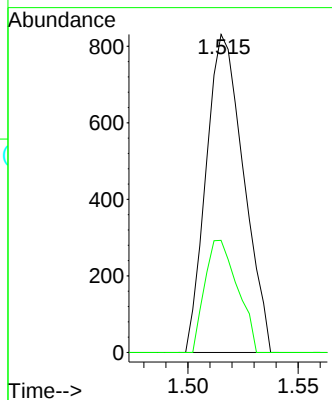
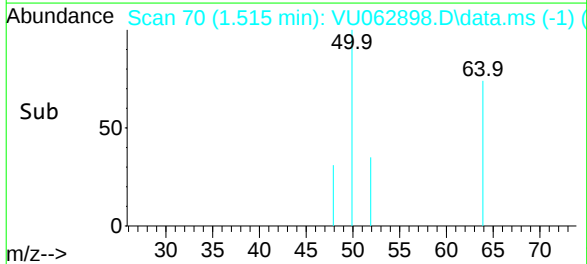
Instrument :
MSVOA_U
ClientSampleId :
C0AE4



Tgt Ion: 50 Resp: 981
Ion Ratio Lower Upper
50 100
52 35.3 24.1 44.7

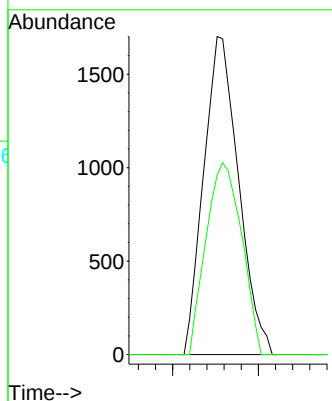
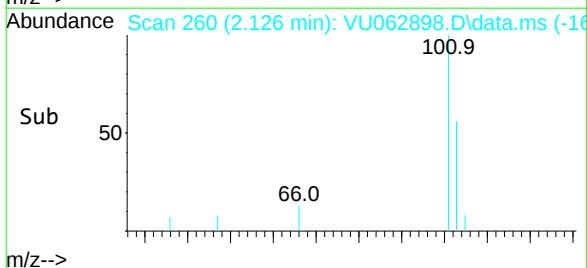
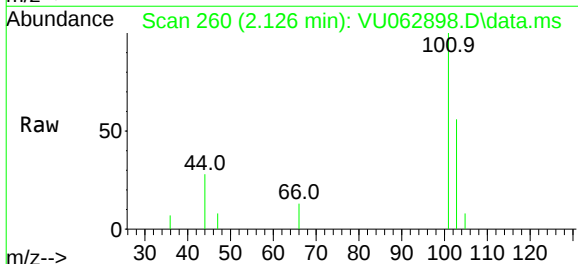
Manual Integrations
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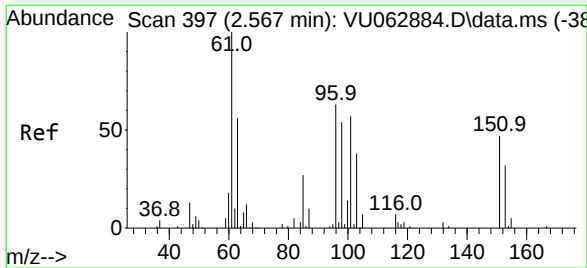
Reviewed By :John Carlone 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#9
Trichlorofluoromethane
Concen: 0.180 ug/L
RT: 2.126 min Scan# 260
Delta R.T. 0.003 min
Lab File: VU062898.D
Acq: 18 Jan 2025 02:28

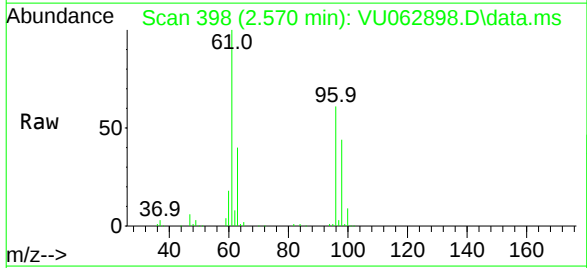
Tgt Ion:101 Resp: 2403
Ion Ratio Lower Upper
101 100
103 61.6 51.4 77.0





#12
1,1-Dichloroethene
Concen: 17.846 ug/L
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU062898.D
Acq: 18 Jan 2025 02:28

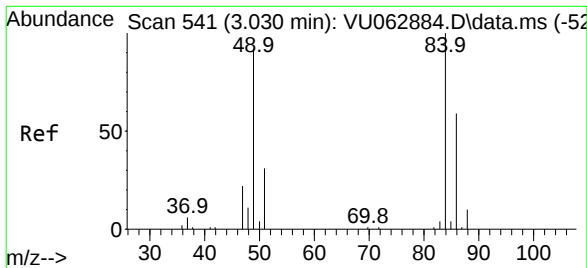
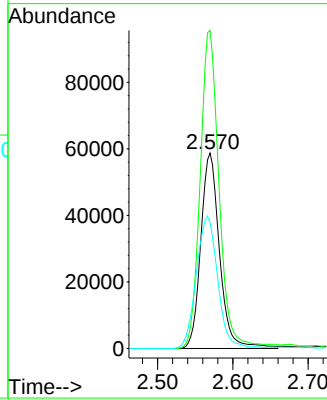
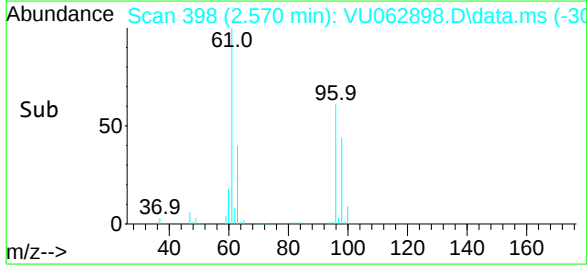
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MSVOA_U
ClientSampleId :
C0AE4



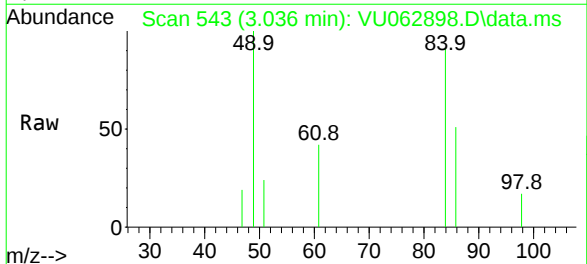
Tgt Ion: 96 Resp: 101845
Ion Ratio Lower Upper
96 100
61 162.8 120.4 223.6
63 64.6 82.3 152.9

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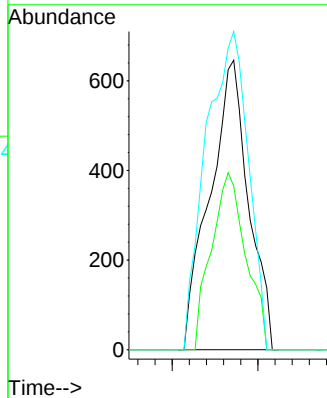
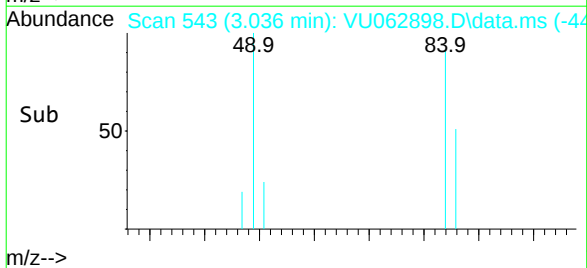
Reviewed By :John Carlone 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

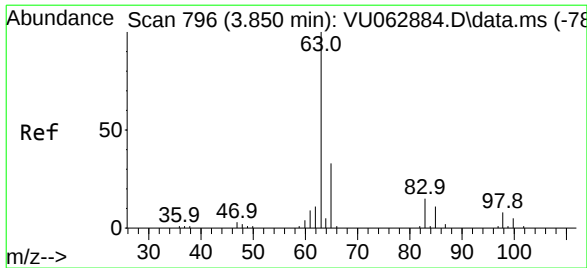


#16
Methylene chloride
Concen: 0.162 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.006 min
Lab File: VU062898.D
Acq: 18 Jan 2025 02:28



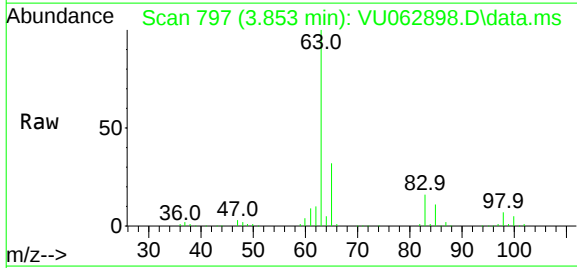
Tgt Ion: 84 Resp: 1013
Ion Ratio Lower Upper
84 100
86 56.5 44.7 83.1
49 109.9 68.3 126.9





#19
1,1-Dichloroethane
Concen: 147.882 ug/L
RT: 3.853 min Scan# 796
Delta R.T. 0.003 min
Lab File: VU062898.D
Acq: 18 Jan 2025 02:28

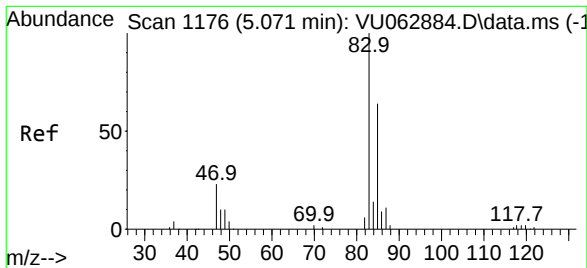
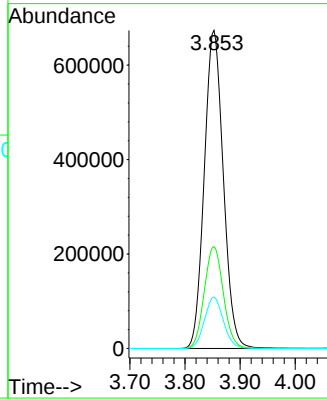
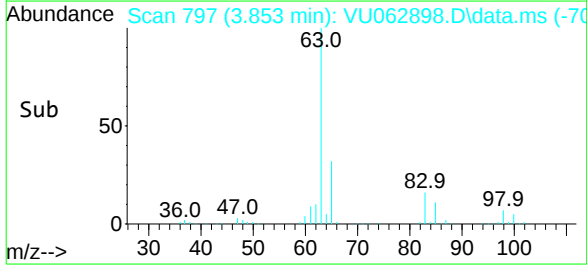
Instrument :
MSVOA_U
ClientSampleId :
C0AE4



Tgt Ion: 63 Resp: 1616584
Ion Ratio Lower Upper
63 100
65 32.1 20.7 38.5
83 16.2 10.5 19.5

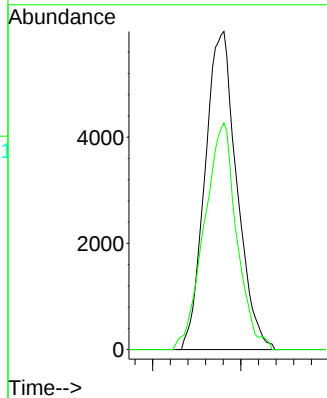
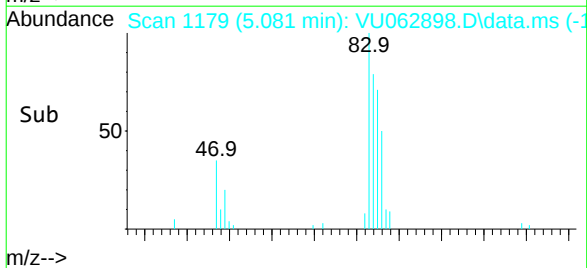
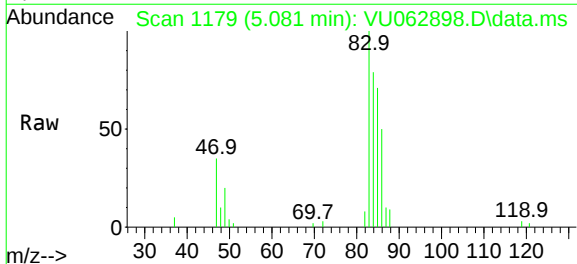
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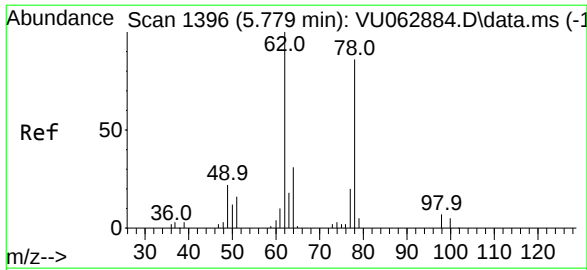
Reviewed By :John Carlone 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#25
Chloroform
Concen: 1.116 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.009 min
Lab File: VU062898.D
Acq: 18 Jan 2025 02:28

Tgt Ion: 83 Resp: 15015
Ion Ratio Lower Upper
83 100
85 71.2 45.8 85.2





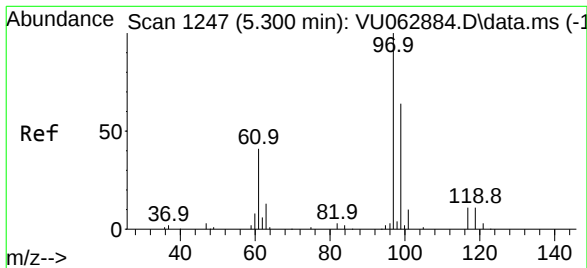
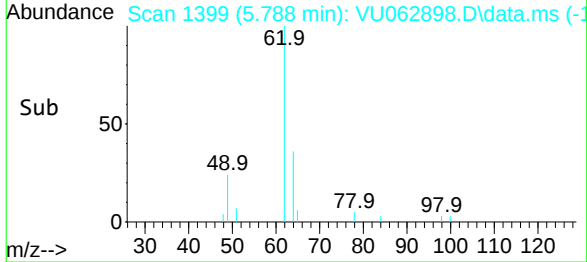
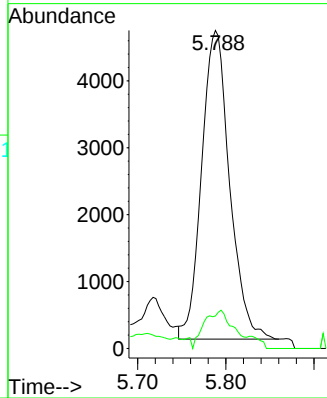
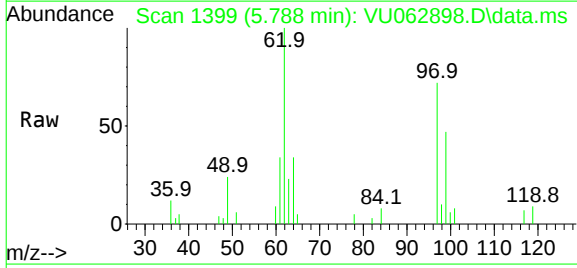
#27
1,2-Dichloroethane
Concen: 1.155 ug/L
RT: 5.788 min Scan# 1396
Delta R.T. 0.009 min
Lab File: VU062898.D
Acq: 18 Jan 2025 02:28

Instrument :
MSVOA_U
ClientSampleId :
C0AE4

Tgt Ion: 62 Resp: 10158
Ion Ratio Lower Upper
62 100
98 10.2 5.8 8.6#

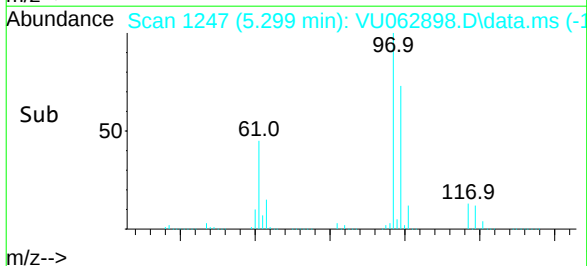
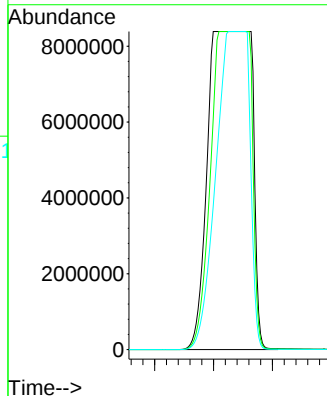
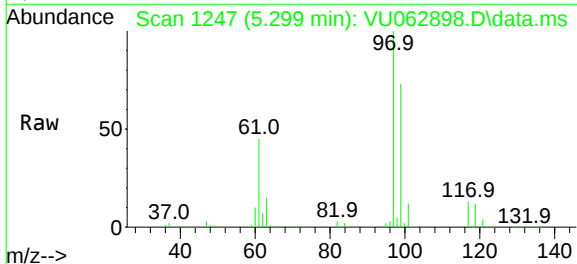
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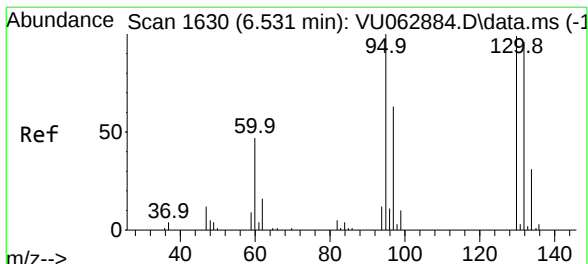
Reviewed By :John Carlone 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#29
1,1,1-Trichloroethane
Concen: 3244.002 ug/L m
RT: 5.299 min Scan# 1247
Delta R.T. -0.000 min
Lab File: VU062898.D
Acq: 18 Jan 2025 02:28

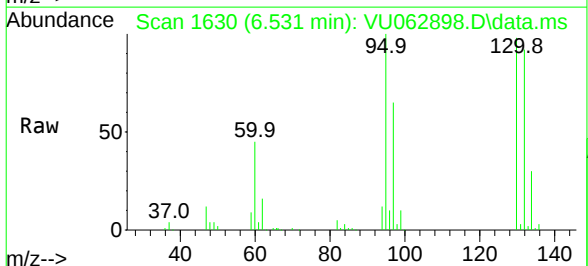
Tgt Ion: 97 Resp:43336860
Ion Ratio Lower Upper
97 100
99 0.0 52.4 78.6#
61 0.0 32.2 48.4#





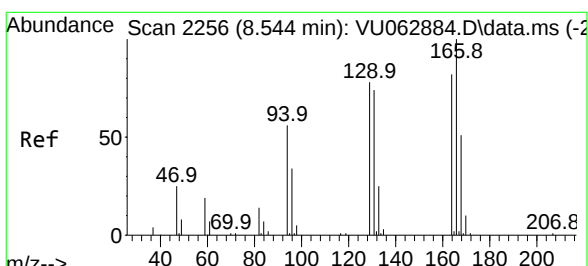
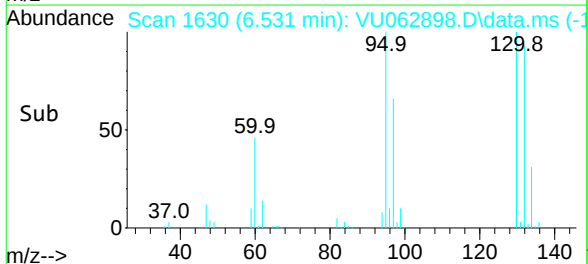
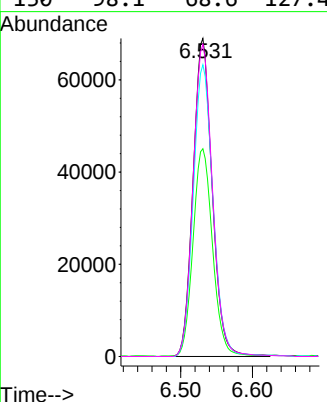
#34
 Trichloroethene
 Concen: 14.772 ug/L
 RT: 6.531 min Scan# 1630
 Delta R.T. -0.000 min
 Lab File: VU062898.D
 Acq: 18 Jan 2025 02:28

Instrument : MSVOA_U
 ClientSampleId : C0AE4



Tgt Ion	Ratio	Lower	Upper
95	100		
97	65.3	47.5	88.3
132	91.7	66.9	124.3
130	98.1	68.6	127.4

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#47
 Tetrachloroethene
 Concen: 0.955 ug/L
 RT: 8.544 min Scan# 2256
 Delta R.T. -0.000 min
 Lab File: VU062898.D
 Acq: 18 Jan 2025 02:28

Tgt Ion	Ratio	Lower	Upper
164	100		
129	99.5	71.0	131.9
131	93.0	69.4	129.0
166	142.3	92.7	172.3

