

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062891.D
 Acq On : 17 Jan 2025 23:36
 Operator : MD/SY
 Sample : Q1086-11
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAE6

Manual Integrations
 APPROVED

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

Quant Time: Jan 18 00:59:02 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

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	97295	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88201	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40231	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19510	3.621	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	72.400%		
7) Chloroethane-d5	1.901	69	18388	4.242	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	84.800%		
11) 1,1-Dichloroethene-d2	2.550	65	11864	4.250	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	85.000%		
20) 2-Butanone-d5	4.608	46	53752	48.807	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	97.620%		
24) Chloroform-d	5.052	84	57809	4.360	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	87.200%		
26) 1,2-Dichloroethane-d4	5.695	65	34135	4.747	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	95.000%		
32) Benzene-d6	5.717	84	102022	4.732	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	94.600%		
36) 1,2-Dichloropropane-d6	6.679	67	28557	4.777	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	95.600%		
41) Toluene-d8	7.888	98	93360	4.445	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	88.800%		
43) trans-1,3-Dichloroprop...	8.171	79	14637	4.912	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	98.200%		
46) 2-Hexanone-d5	8.621	63	42624	45.482	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	90.960%		
56) 1,1,2,2-Tetrachloroeth...	10.743	84	24275	4.849	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	97.000%		
66) 1,2-Dichlorobenzene-d4	12.183	152	33745	5.042	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	100.800%		
Target Compounds					Qvalue	
5) Vinyl chloride	1.599	62	6365	0.909	ug/L #	81
8) Chloroethane	1.923	64	2585	0.614	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	33529	4.912	ug/L #	29
12) 1,1-Dichloroethene	2.563	96	14048095	2325.904	ug/L #	46
16) Methylene chloride	3.029	84	1565	0.237	ug/L	89
19) 1,1-Dichloroethane	3.853	63	4833230	417.755	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	2217	0.315	ug/L	90
25) Chloroform	5.078	83	31164	2.189	ug/L	97
27) 1,2-Dichloroethane	5.785	62	49065	5.270	ug/L	98
29) 1,1,1-Trichloroethane	5.299	97	49833247m	3724.795	ug/L	
34) Trichloroethene	6.531	95	712959	82.360	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	2457	0.506	ug/L	94
47) Tetrachloroethene	8.544	164	18900	3.170	ug/L	97

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

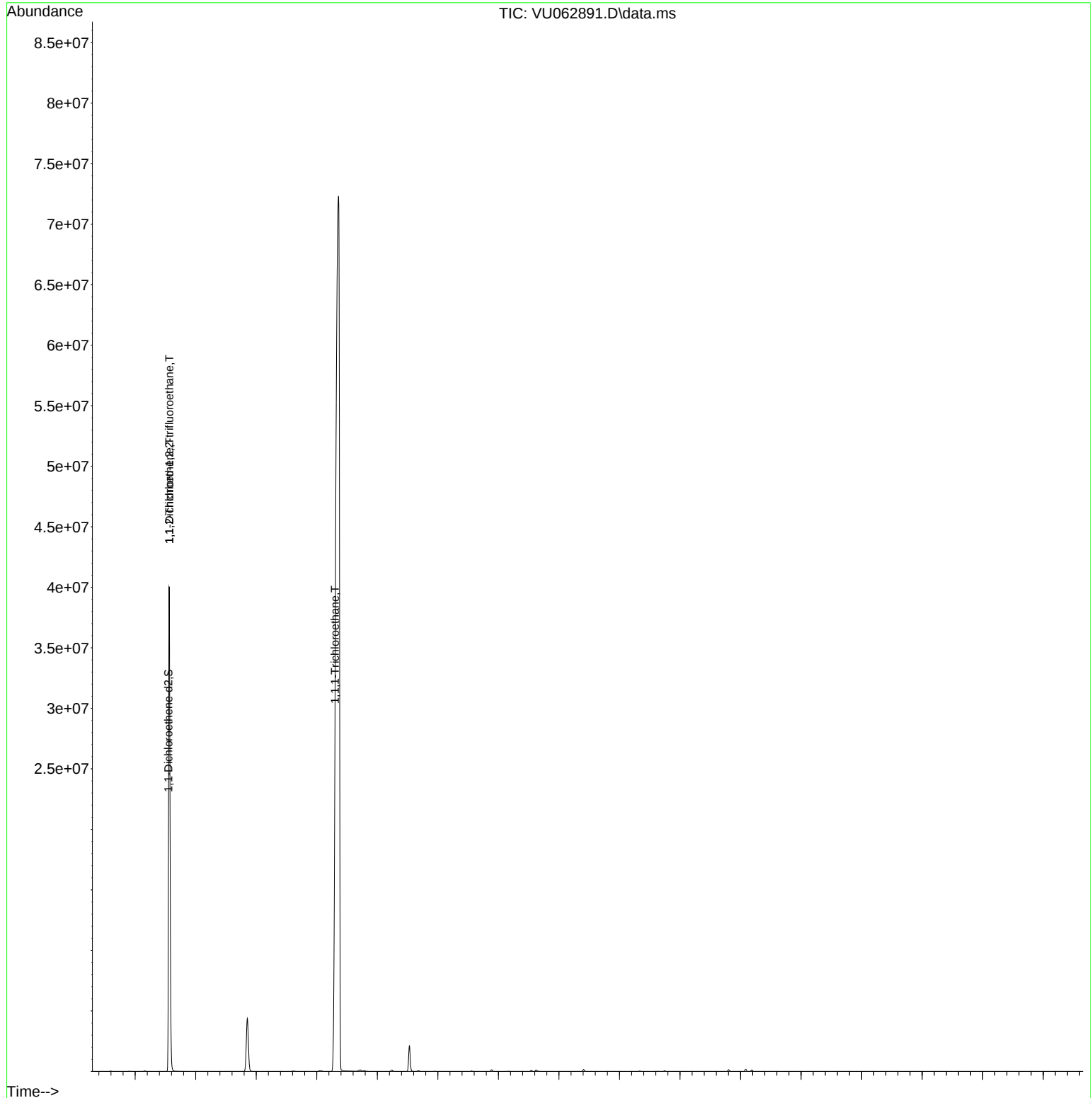
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
Data File : VU062891.D
Acq On : 17 Jan 2025 23:36
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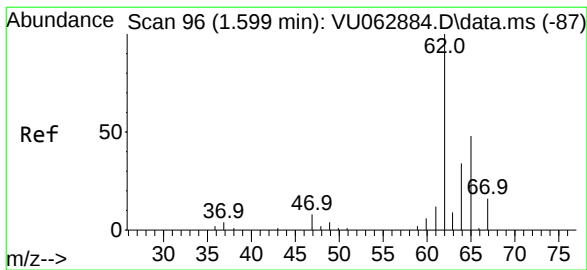
Instrument :
MSVOA_U
ClientSampleId :
C0AE6

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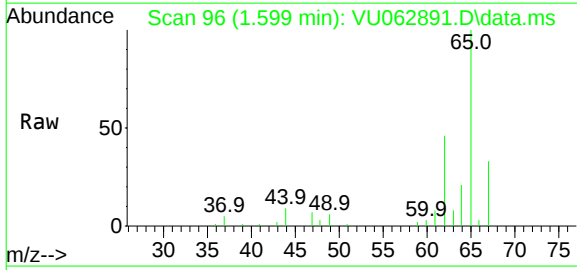
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 17 23:41:19 2025
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 0.909 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU062891.D
 Acq: 17 Jan 2025 23:36

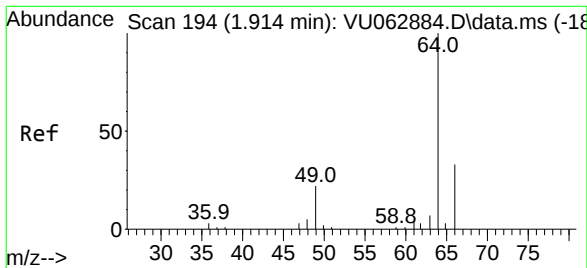
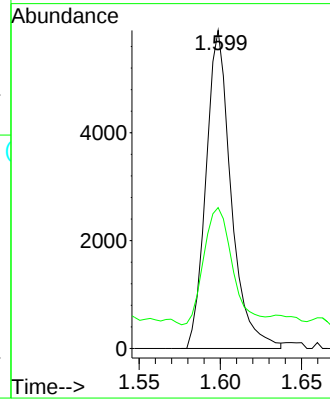
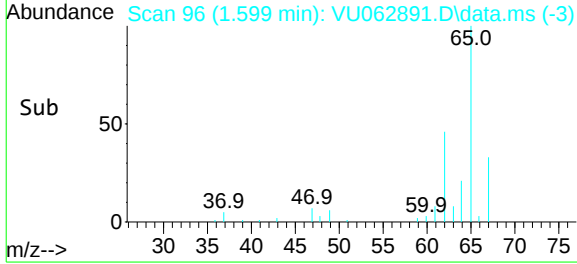
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE6



Tgt Ion: 62 Resp: 6365
 Ion Ratio Lower Upper
 62 100
 64 44.3 23.4 43.4#

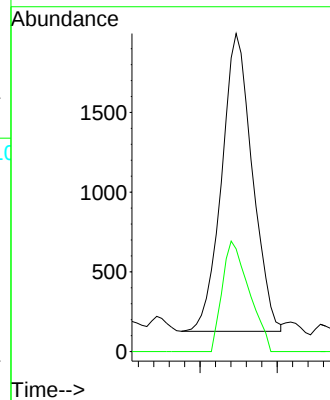
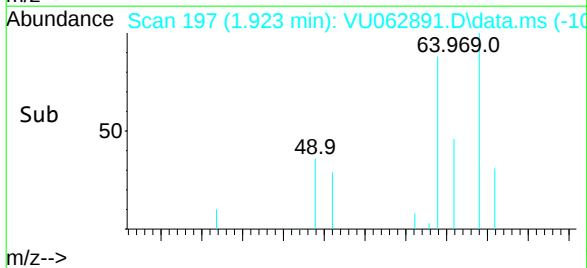
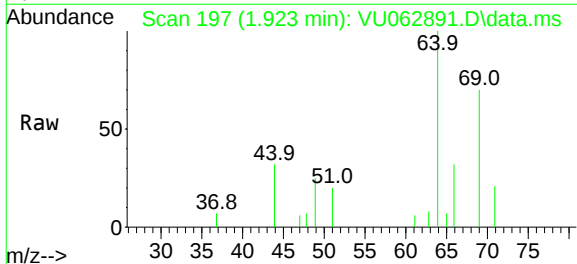
Manual Integrations
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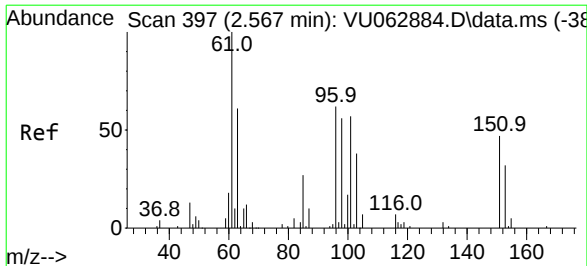
Reviewed By :John Carlone 01/21/2025
 Supervised By :Mahesh Dadoda 01/21/2025



#8
 Chloroethane
 Concen: 0.614 ug/L
 RT: 1.923 min Scan# 197
 Delta R.T. 0.009 min
 Lab File: VU062891.D
 Acq: 17 Jan 2025 23:36

Tgt Ion: 64 Resp: 2585
 Ion Ratio Lower Upper
 64 100
 66 32.3 21.6 40.2





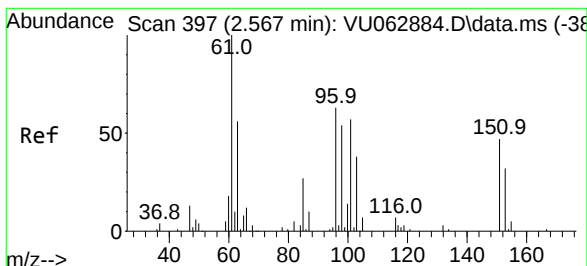
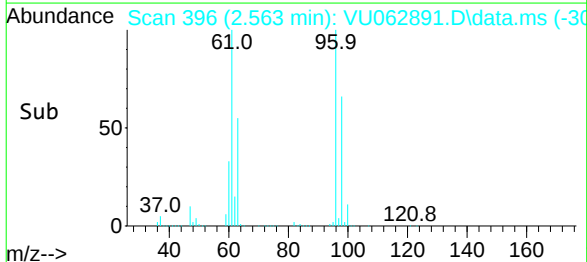
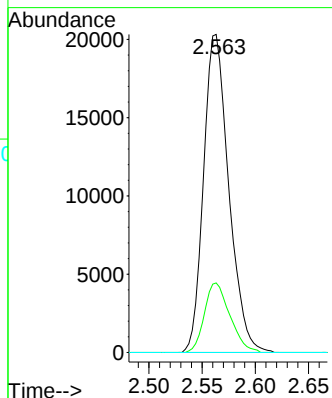
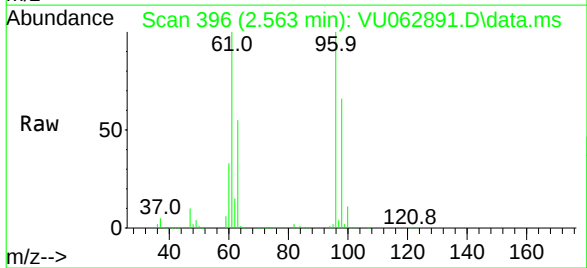
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.912 ug/L
RT: 2.563 min Scan# 396
Delta R.T. -0.003 min
Lab File: VU062891.D
Acq: 17 Jan 2025 23:36

Instrument :
MSVOA_U
ClientSampleId :
C0AE6

Tgt Ion:	101	Resp:	33529
Ion Ratio	Lower	Upper	
101	100		
85	22.1	37.0	55.6#
151	0.0	64.4	96.6#

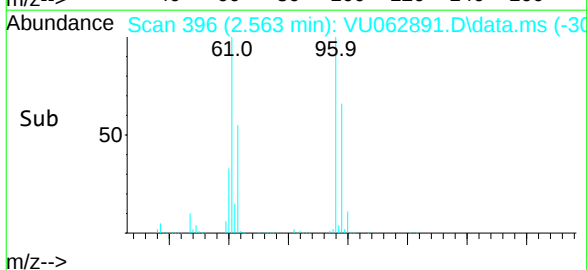
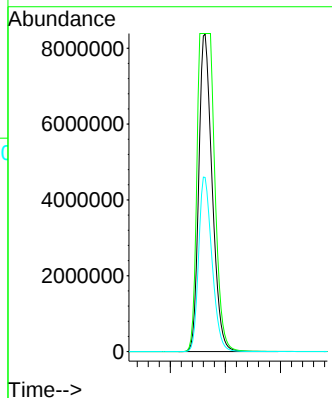
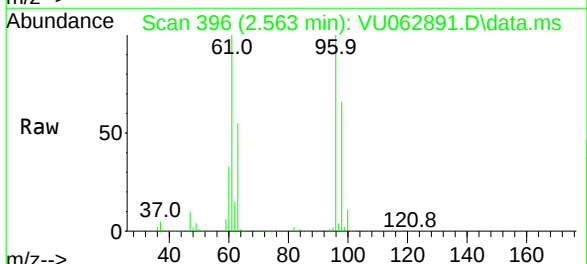
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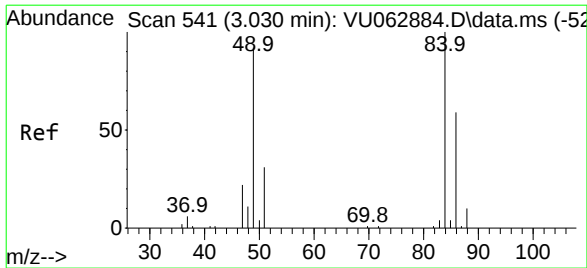
Reviewed By :John Carlone 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#12
1,1-Dichloroethene
Concen: 2325.904 ug/L
RT: 2.563 min Scan# 396
Delta R.T. -0.003 min
Lab File: VU062891.D
Acq: 17 Jan 2025 23:36

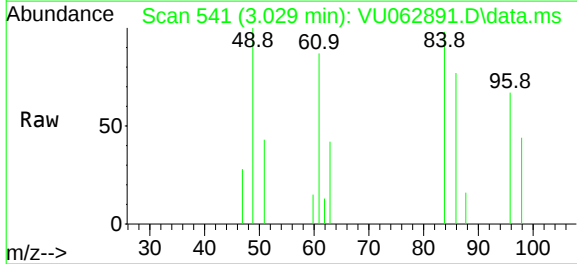
Tgt Ion:	96	Resp:	14048095
Ion Ratio	Lower	Upper	
96	100		
61	100.2	120.4	223.6#
63	54.9	82.3	152.9#





#16
Methylene chloride
Concen: 0.237 ug/L
RT: 3.029 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU062891.D
Acq: 17 Jan 2025 23:36

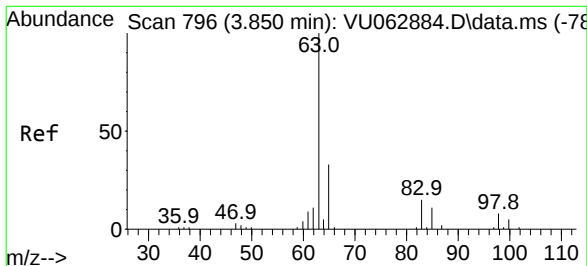
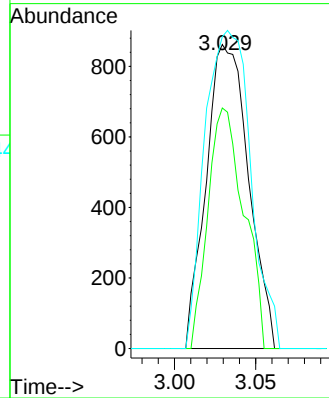
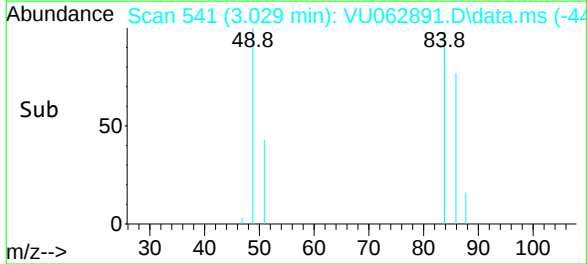
Instrument :
MSVOA_U
ClientSampleId :
C0AE6



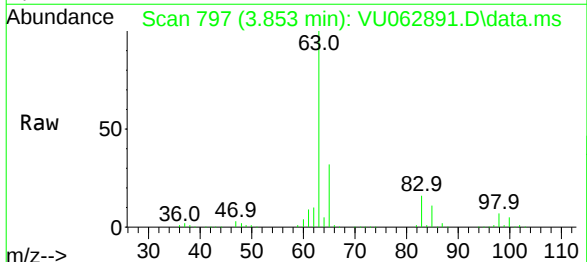
Tgt Ion: 84 Resp: 1565
Ion Ratio Lower Upper
84 100
86 79.1 44.7 83.1
49 102.6 68.3 126.9

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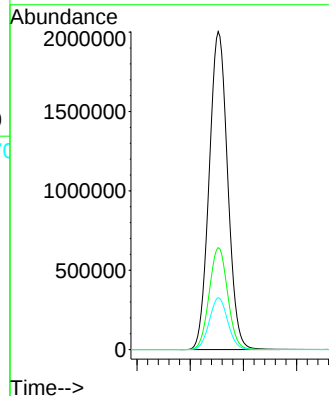
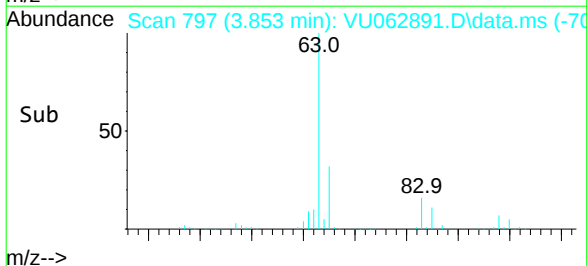
Reviewed By :John Carlone 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

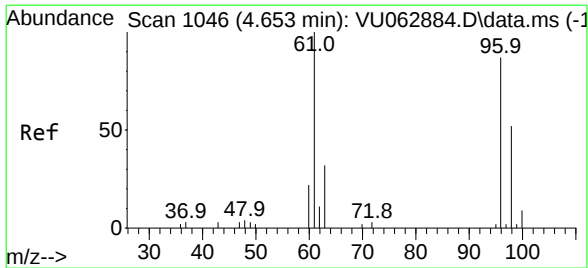


#19
1,1-Dichloroethane
Concen: 417.755 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.003 min
Lab File: VU062891.D
Acq: 17 Jan 2025 23:36



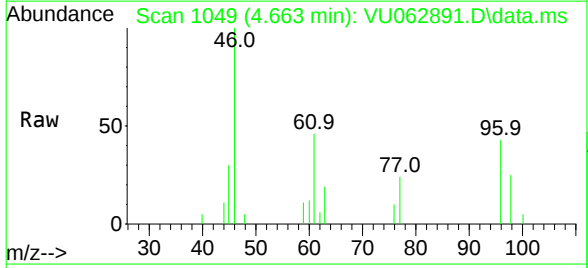
Tgt Ion: 63 Resp: 4833230
Ion Ratio Lower Upper
63 100
65 32.1 20.7 38.5
83 16.3 10.5 19.5





#22
 cis-1,2-Dichloroethene
 Concen: 0.315 ug/L
 RT: 4.663 min Scan# 1046
 Delta R.T. 0.009 min
 Lab File: VU062891.D
 Acq: 17 Jan 2025 23:36

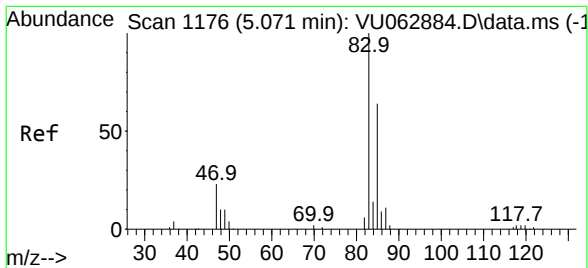
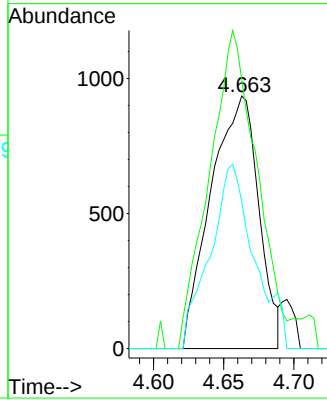
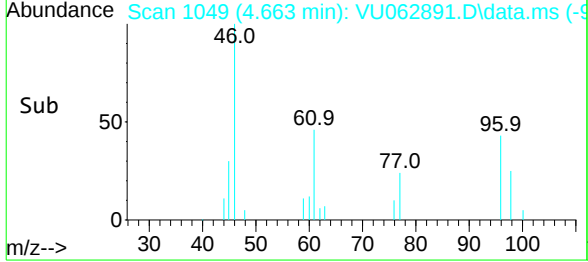
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE6



Tgt Ion: 96 Resp: 2217
 Ion Ratio Lower Upper
 96 100
 61 106.5 84.8 157.6
 98 58.3 43.1 80.1

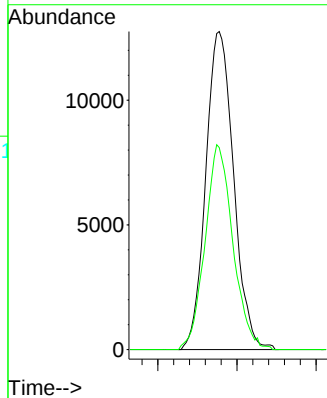
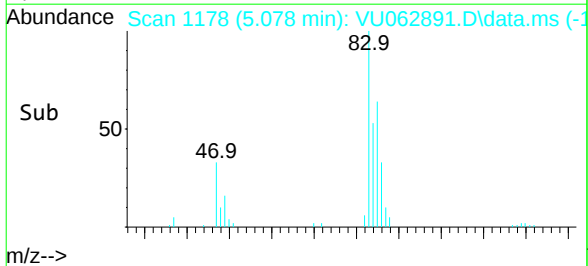
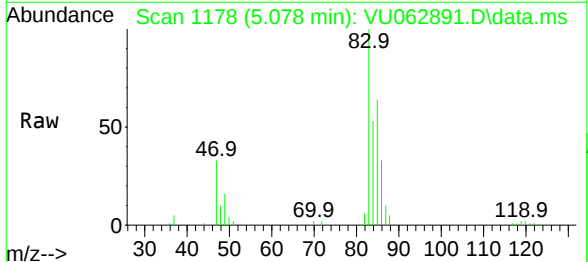
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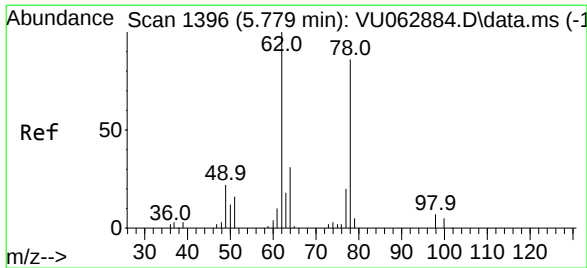
Reviewed By :John Carlone 01/21/2025
 Supervised By :Mahesh Dadoda 01/21/2025



#25
 Chloroform
 Concen: 2.189 ug/L
 RT: 5.078 min Scan# 1178
 Delta R.T. 0.006 min
 Lab File: VU062891.D
 Acq: 17 Jan 2025 23:36

Tgt Ion: 83 Resp: 31164
 Ion Ratio Lower Upper
 83 100
 85 63.5 45.8 85.2





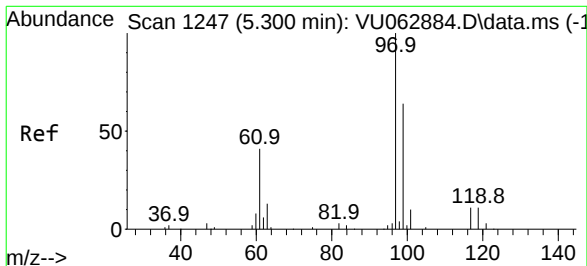
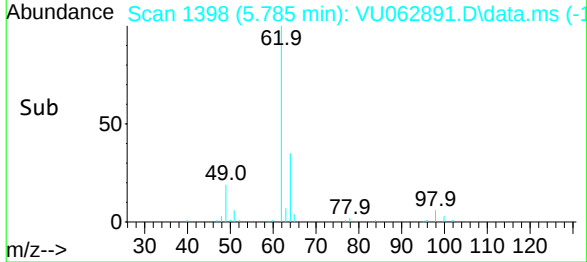
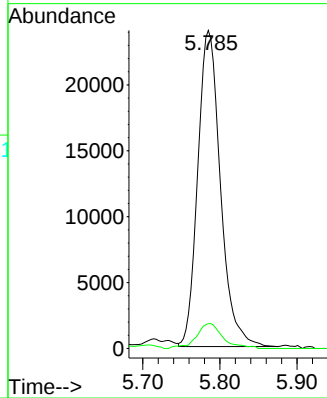
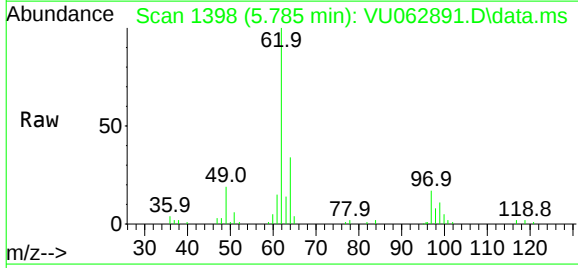
#27
1,2-Dichloroethane
Concen: 5.270 ug/L
RT: 5.785 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VU062891.D
Acq: 17 Jan 2025 23:36

Instrument :
MSVOA_U
ClientSampleId :
C0AE6

Tgt Ion: 62 Resp: 49065
Ion Ratio Lower Upper
62 100
98 7.8 5.8 8.6

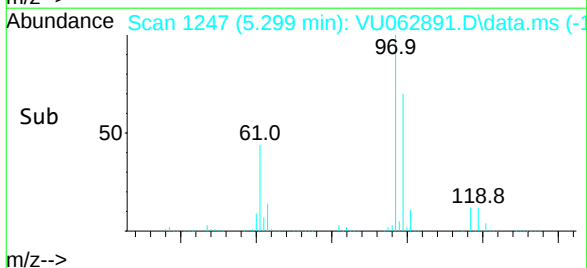
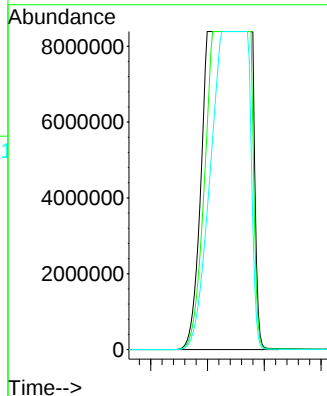
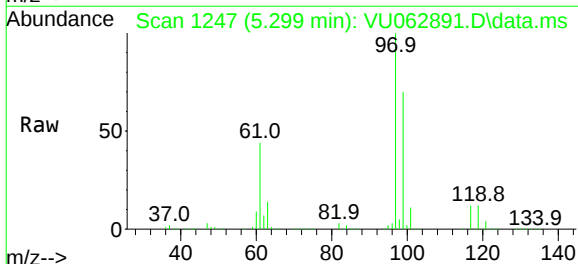
Manual Integrations
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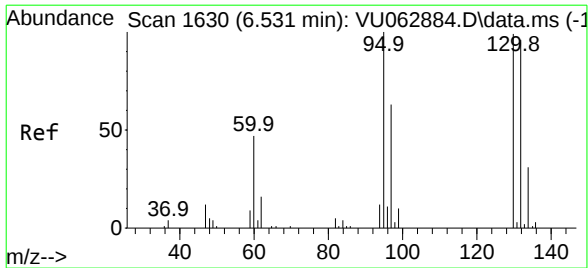
Reviewed By :John Carlone 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#29
1,1,1-Trichloroethane
Concen: 3724.795 ug/L m
RT: 5.299 min Scan# 1247
Delta R.T. -0.000 min
Lab File: VU062891.D
Acq: 17 Jan 2025 23:36

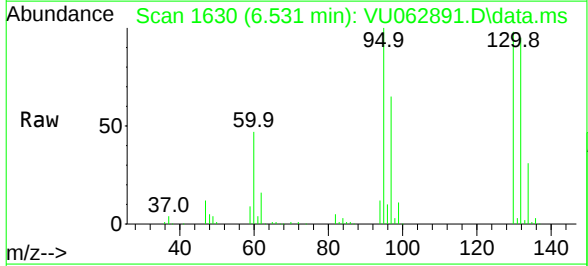
Tgt Ion: 97 Resp:49833247
Ion Ratio Lower Upper
97 100
99 0.0 52.4 78.6#
61 0.0 32.2 48.4#





#34
Trichloroethene
Concen: 82.360 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU062891.D
Acq: 17 Jan 2025 23:36

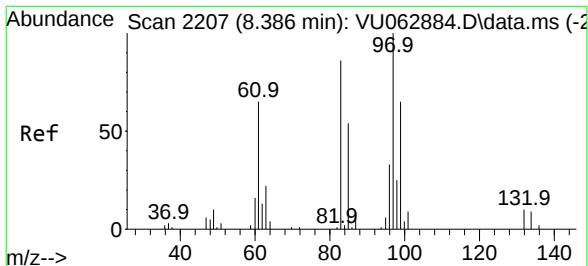
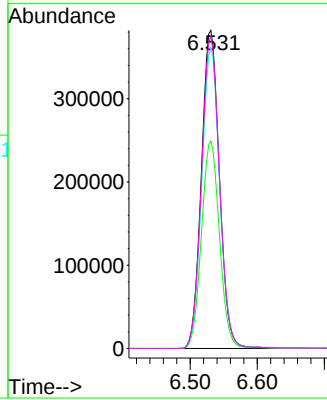
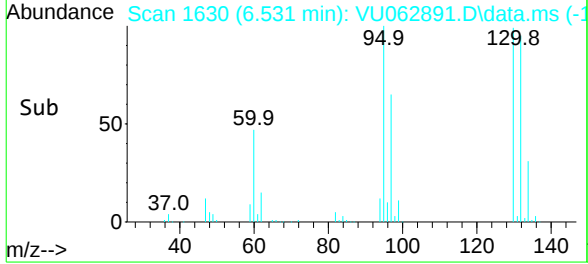
Instrument :
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ClientSampleId :
C0AE6



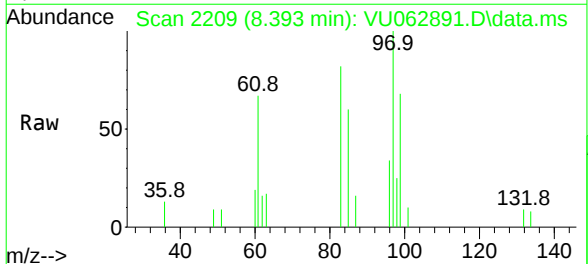
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Ion Ratio Lower Upper
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132 94.7 66.9 124.3
130 98.2 68.6 127.4

Manual Integrations
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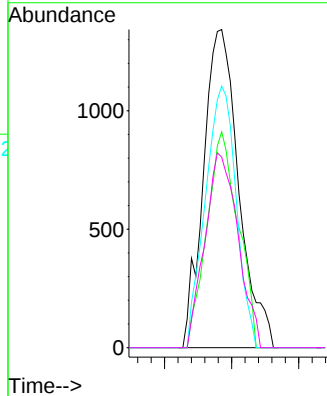
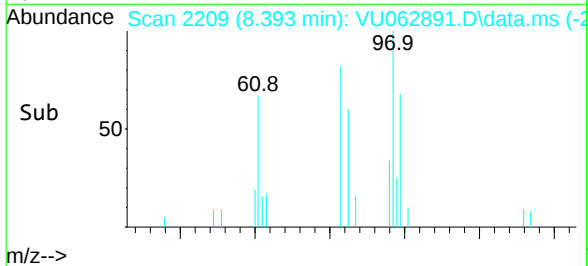
Reviewed By :John Carlone 01/21/2025
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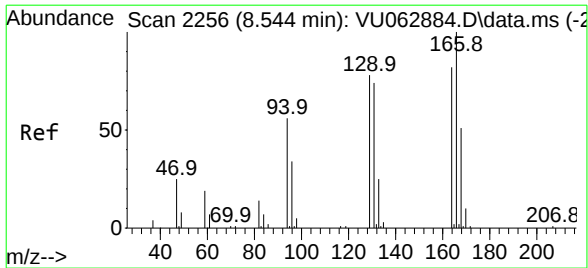


#45
1,1,2-Trichloroethane
Concen: 0.506 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.006 min
Lab File: VU062891.D
Acq: 17 Jan 2025 23:36



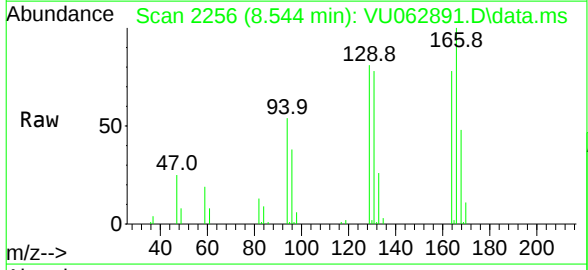
Tgt Ion: 97 Resp: 2457
Ion Ratio Lower Upper
97 100
99 67.8 45.6 84.6
83 82.2 63.0 117.0
85 59.9 39.0 72.4





#47
 Tetrachloroethene
 Concen: 3.170 ug/L
 RT: 8.544 min Scan# 22
 Delta R.T. -0.000 min
 Lab File: VU062891.D
 Acq: 17 Jan 2025 23:36

Instrument : MSVOA_U
 ClientSampleId : C0AE6



Tgt Ion:	164	Resp:	18900
Ion Ratio	Lower	Upper	
164	100		
129	104.7	71.0	131.9
131	100.3	69.4	129.0
166	128.5	92.7	172.3

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

