

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062895.D
 Acq On : 18 Jan 2025 01:15
 Operator : MD/SY
 Sample : Q1086-15
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF6

Manual Integrations
 APPROVED

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

Quant Time: Jan 18 03:33:27 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	6.239	114	97975	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	91578	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41307	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19911	3.669	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.400%
7) Chloroethane-d5	1.901	69	18094	4.145	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.554	65	10905	3.879	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	4.615	46	56214	50.688	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.380%
24) Chloroform-d	5.055	84	59671	4.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.698	65	34931	4.824	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.721	84	101970	4.555	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.679	67	29700	4.785	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.888	98	93135	4.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	8.171	79	14371	4.645	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.621	63	43910	45.126	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.260%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24356	4.686	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	33558	4.883	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
5) Vinyl chloride	1.599	62	3515	0.498	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	7810	1.136	ug/L #	28
12) 1,1-Dichloroethene	2.567	96	3295405	541.824	ug/L #	74
16) Methylene chloride	3.033	84	3616	0.543	ug/L	83
19) 1,1-Dichloroethane	3.853	63	2737185	234.943	ug/L	96
25) Chloroform	5.078	83	26084	1.819	ug/L	98
27) 1,2-Dichloroethane	5.788	62	13009	1.388	ug/L #	90
29) 1,1,1-Trichloroethane	5.300	97	61465395m	4424.826	ug/L	
34) Trichloroethene	6.531	95	178442	19.853	ug/L	99
47) Tetrachloroethene	8.547	164	2524	0.408	ug/L	85

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

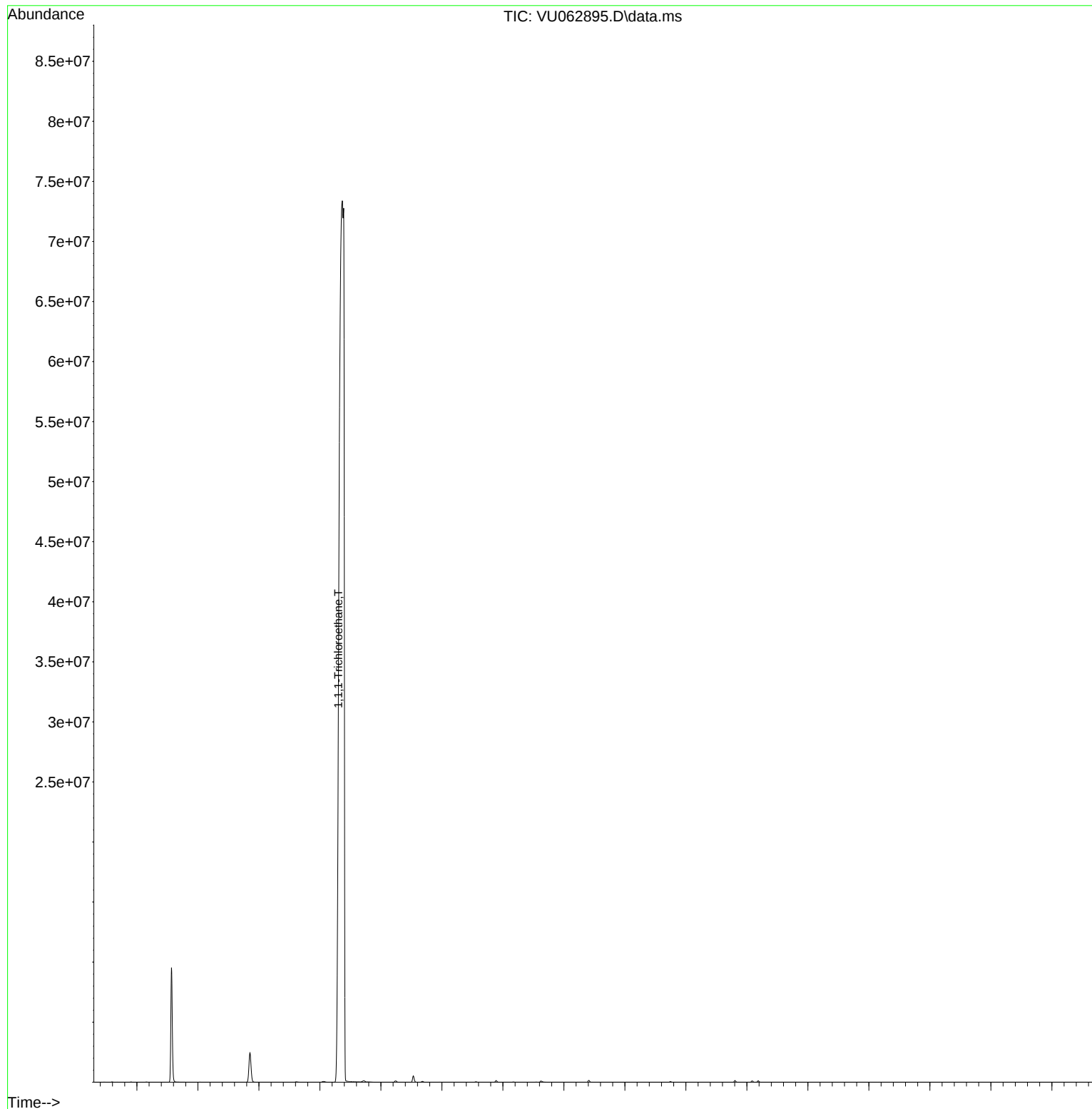
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
Data File : VU062895.D
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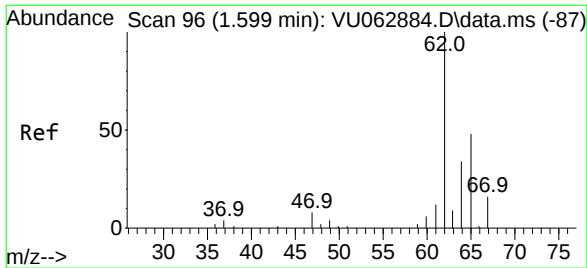
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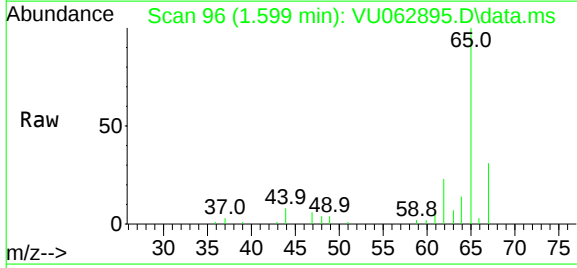
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 17 23:41:19 2025
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 0.498 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU062895.D
 Acq: 18 Jan 2025 01:15

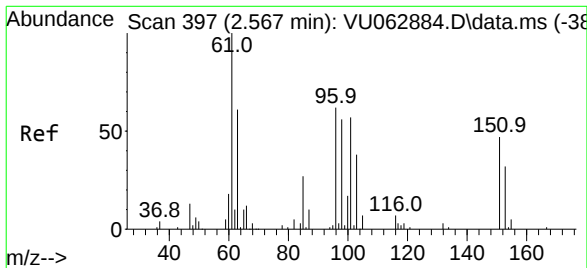
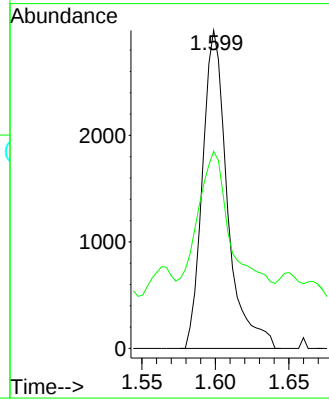
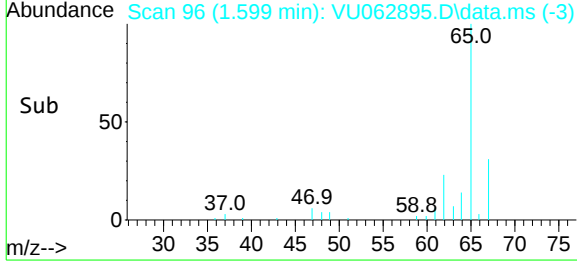
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF6



Tgt Ion: 62 Resp: 3515
 Ion Ratio Lower Upper
 62 100
 64 62.0 23.4 43.4#

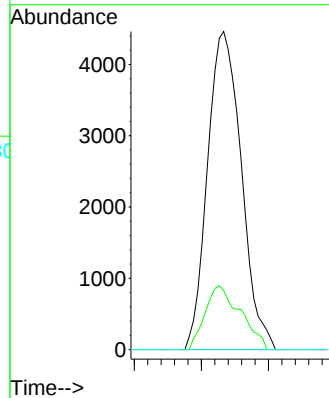
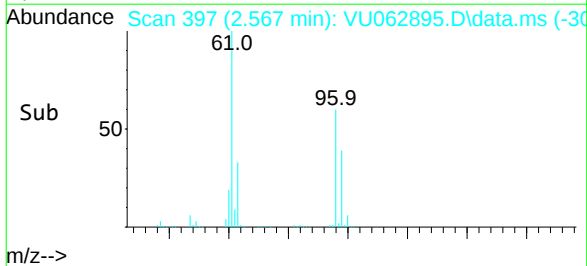
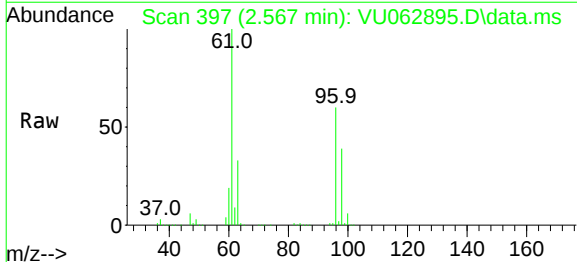
Manual Integrations
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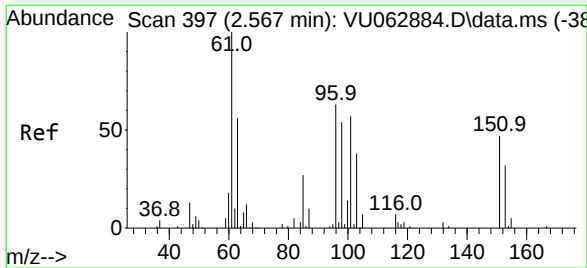
Reviewed By :John Carlone 01/21/2025
 Supervised By :Mahesh Dadoda 01/21/2025



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.136 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: VU062895.D
 Acq: 18 Jan 2025 01:15

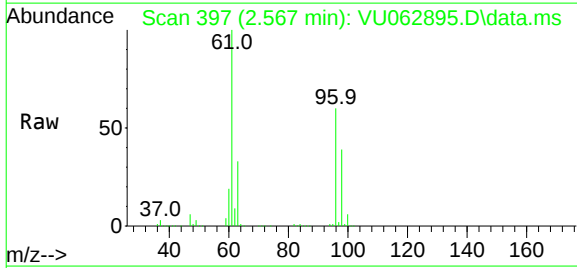
Tgt Ion:101 Resp: 7810
 Ion Ratio Lower Upper
 101 100
 85 21.1 37.0 55.6#
 151 0.0 64.4 96.6#





#12
1,1-Dichloroethene
Concen: 541.824 ug/L
RT: 2.567 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU062895.D
Acq: 18 Jan 2025 01:15

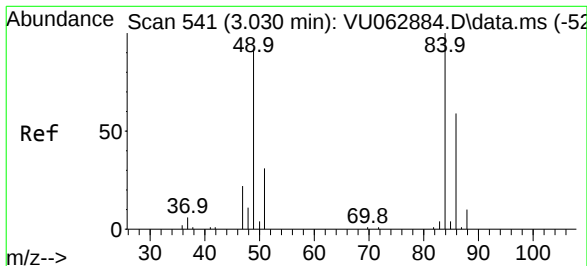
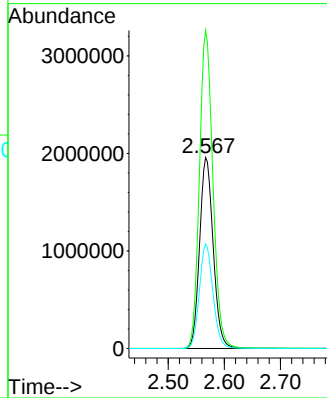
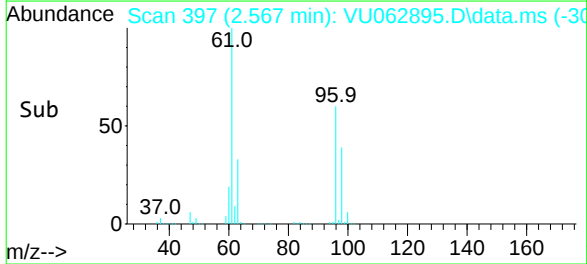
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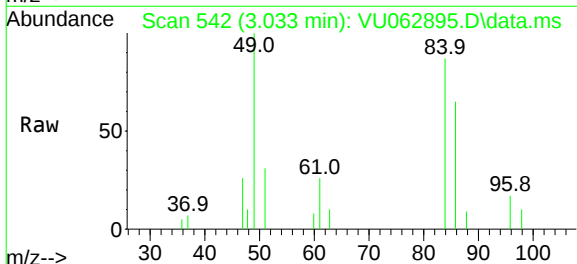
Tgt Ion: 96 Resp: 3295405
Ion Ratio Lower Upper
96 100
61 166.5 120.4 223.6
63 54.6 82.3 152.9#

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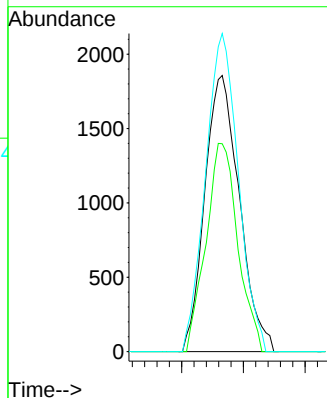
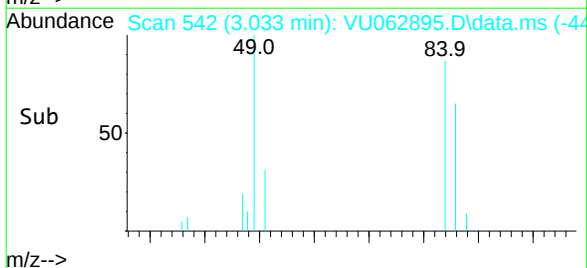
Reviewed By :John Carlone 01/21/2025
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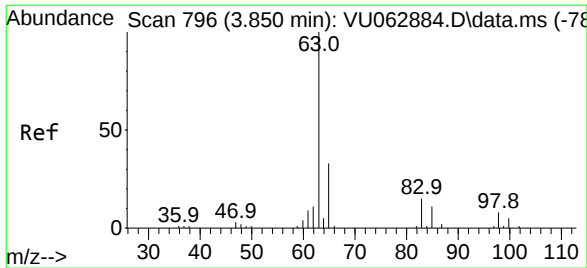


#16
Methylene chloride
Concen: 0.543 ug/L
RT: 3.033 min Scan# 542
Delta R.T. 0.003 min
Lab File: VU062895.D
Acq: 18 Jan 2025 01:15



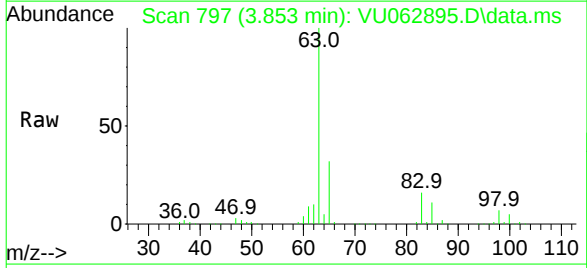
Tgt Ion: 84 Resp: 3616
Ion Ratio Lower Upper
84 100
86 75.3 44.7 83.1
49 115.2 68.3 126.9





#19
1,1-Dichloroethane
Concen: 234.943 ug/L
RT: 3.853 min Scan# 796
Delta R.T. 0.003 min
Lab File: VU062895.D
Acq: 18 Jan 2025 01:15

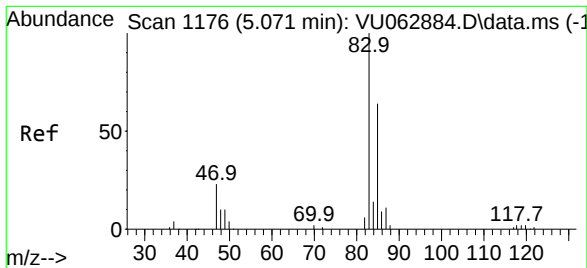
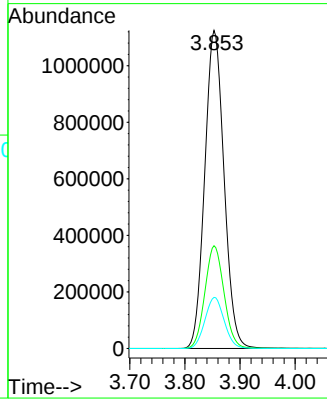
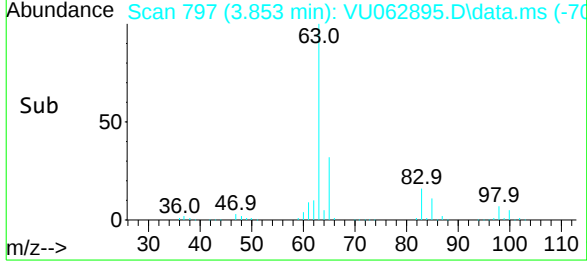
Instrument :
MSVOA_U
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C0AF6



Tgt Ion: 63 Resp: 2737185
Ion Ratio Lower Upper
63 100
65 32.3 20.7 38.5
83 16.1 10.5 19.5

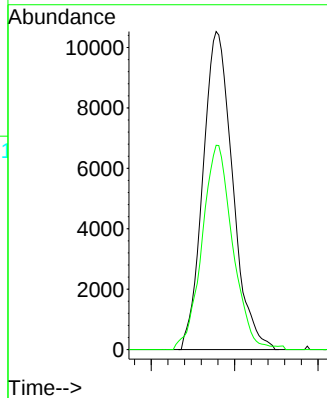
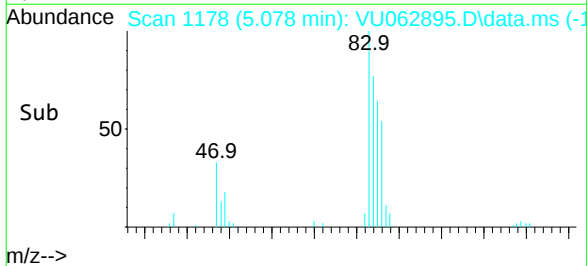
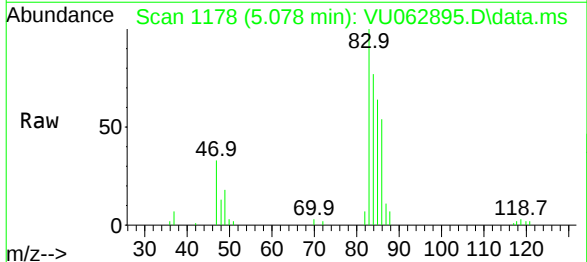
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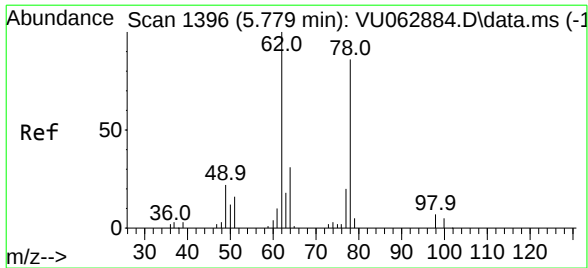
Reviewed By :John Carlone 01/21/2025
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#25
Chloroform
Concen: 1.819 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.006 min
Lab File: VU062895.D
Acq: 18 Jan 2025 01:15

Tgt Ion: 83 Resp: 26084
Ion Ratio Lower Upper
83 100
85 64.2 45.8 85.2





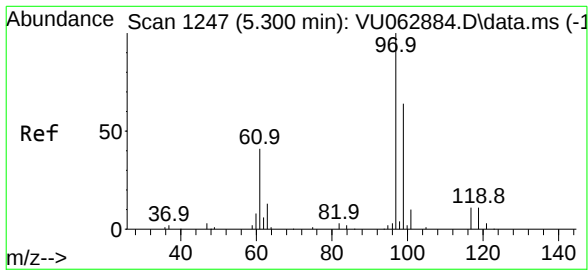
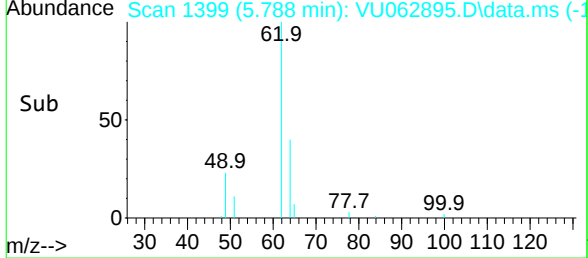
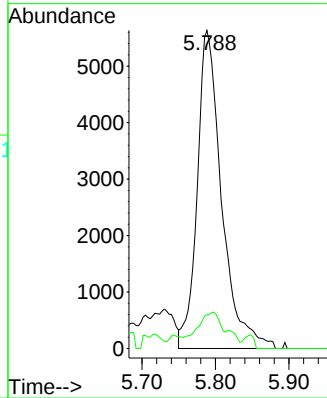
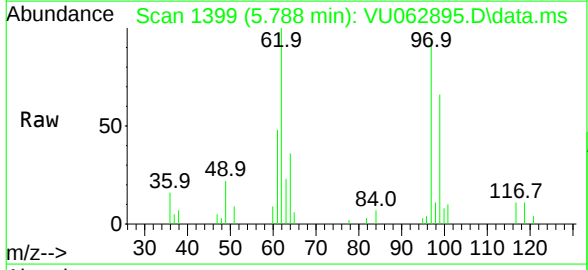
#27
1,2-Dichloroethane
Concen: 1.388 ug/L
RT: 5.788 min Scan# 1396
Delta R.T. 0.010 min
Lab File: VU062895.D
Acq: 18 Jan 2025 01:15

Instrument :
MSVOA_U
ClientSampleId :
C0AF6

Tgt Ion: 62 Resp: 13009
Ion Ratio Lower Upper
62 100
98 10.7 5.8 8.6#

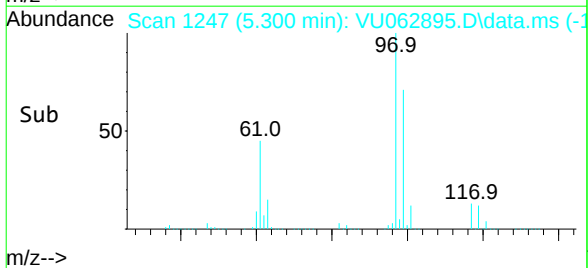
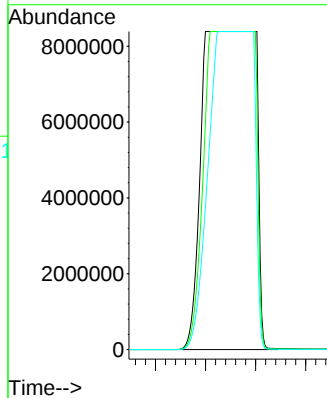
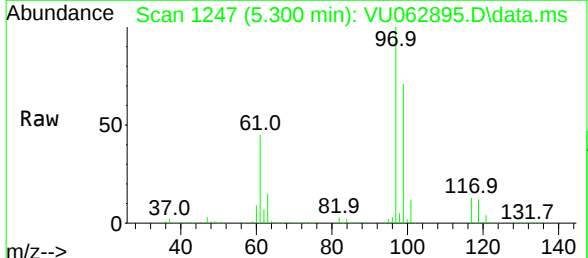
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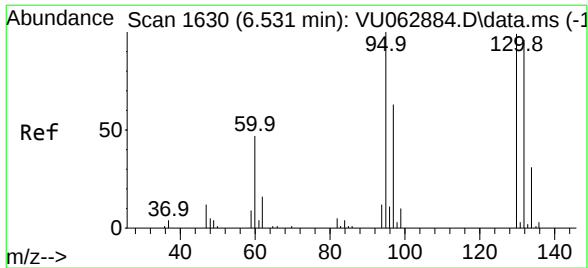
Reviewed By :John Carlone 01/21/2025
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#29
1,1,1-Trichloroethane
Concen: 4424.826 ug/L m
RT: 5.300 min Scan# 1247
Delta R.T. -0.000 min
Lab File: VU062895.D
Acq: 18 Jan 2025 01:15

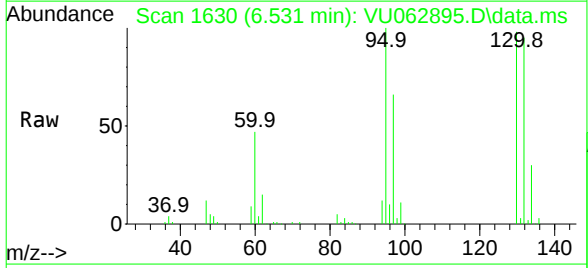
Tgt Ion: 97 Resp:61465395
Ion Ratio Lower Upper
97 100
99 0.0 52.4 78.6#
61 0.0 32.2 48.4#





#34
Trichloroethene
Concen: 19.853 ug/L
RT: 6.531 min Scan# 16
Delta R.T. 0.000 min
Lab File: VU062895.D
Acq: 18 Jan 2025 01:15

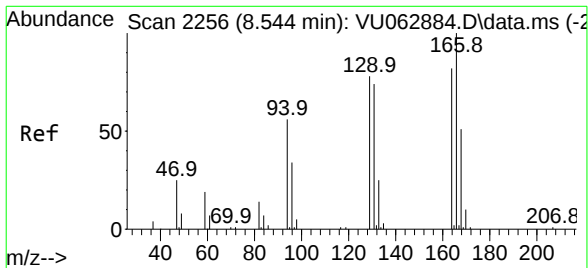
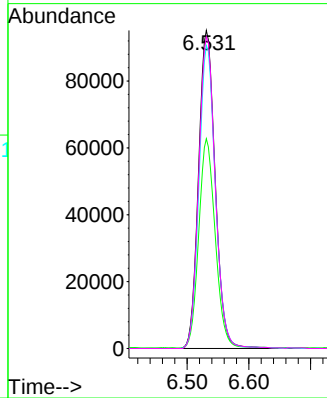
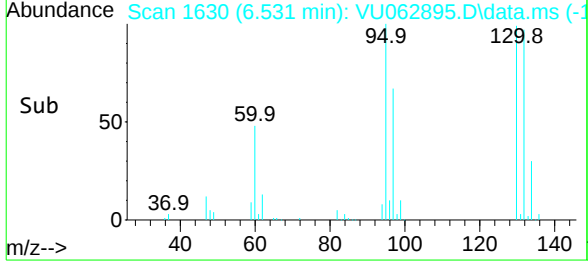
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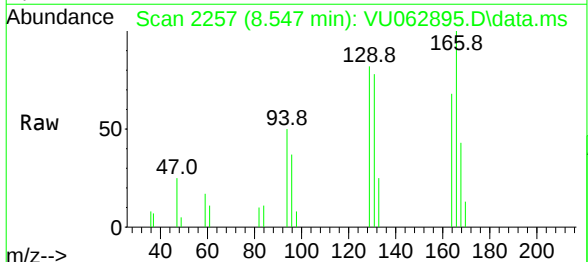
Tgt Ion: 95 Resp: 178442
Ion Ratio Lower Upper
95 100
97 66.0 47.5 88.3
132 95.2 66.9 124.3
130 98.0 68.6 127.4

Manual Integrations
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#47
Tetrachloroethene
Concen: 0.408 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU062895.D
Acq: 18 Jan 2025 01:15



Tgt Ion:164 Resp: 2524
Ion Ratio Lower Upper
164 100
129 119.3 71.0 131.9
131 114.2 69.4 129.0
166 146.4 92.7 172.3

