

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062896.D
 Acq On : 18 Jan 2025 01:39
 Operator : MD/SY
 Sample : Q1086-16
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF7

Quant Time: Jan 18 03:33:51 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	89842	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	83412	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	38442	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19070	3.833	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.901	69	17906	4.473	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.557	65	9195	3.567	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	4.608	46	52123	51.254	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.500%
24) Chloroform-d	5.049	84	56653	4.628	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.692	65	32338	4.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.714	84	93429	4.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.676	67	26686	4.720	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.888	98	80519	4.053	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	8.171	79	12837	4.555	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.621	63	40243	45.407	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.820%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23153	4.890	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	31978	5.000	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds					Qvalue	
3) Chloromethane	1.515	50	977	0.170	ug/L	99
12) 1,1-Dichloroethene	2.570	96	180284	32.325	ug/L #	73
13) Acetone	2.615	43	3739	4.641	ug/L	89
19) 1,1-Dichloroethane	3.853	63	601583	56.311	ug/L	97
25) Chloroform	5.078	83	3733	0.284	ug/L	87
29) 1,1,1-Trichloroethane	5.300	97	25738151m	2034.255	ug/L	
34) Trichloroethene	6.531	95	5464	0.667	ug/L	87

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

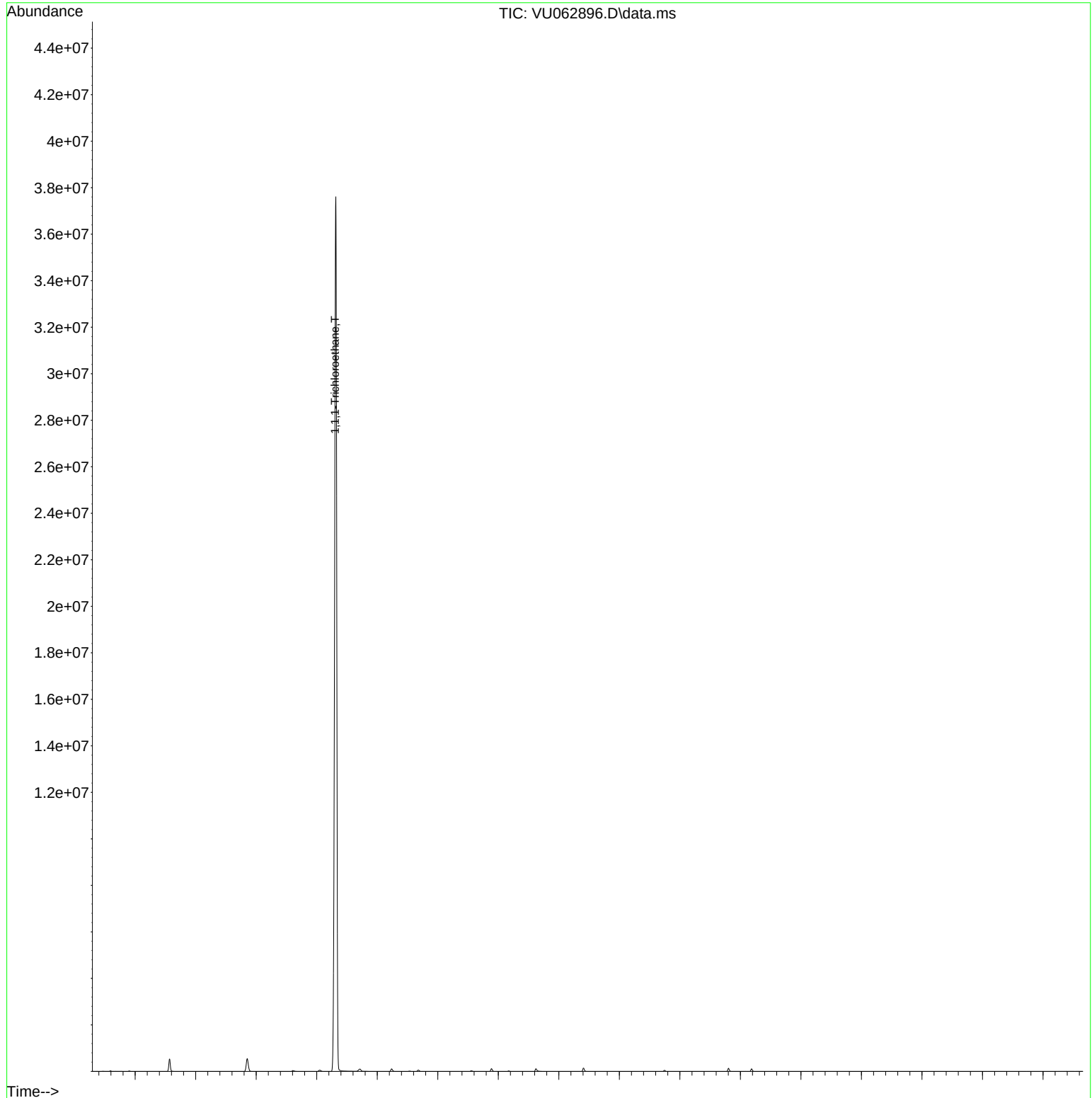
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
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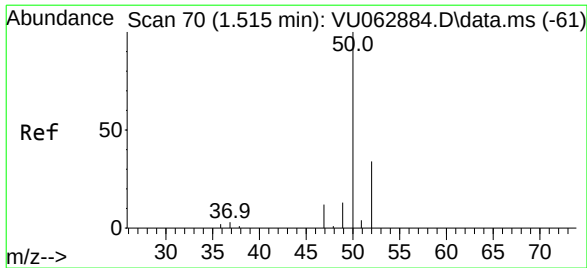
Instrument :
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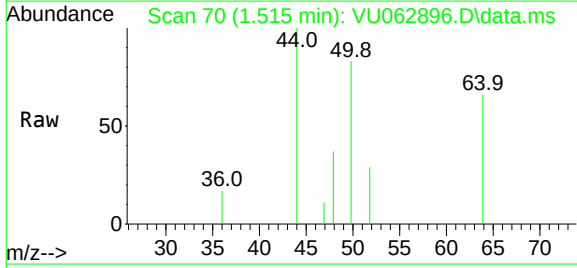
Quant Time: Jan 18 03:33:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 17 23:41:19 2025
Response via : Initial Calibration





#3
Chloromethane
Concen: 0.170 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU062896.D
Acq: 18 Jan 2025 01:39

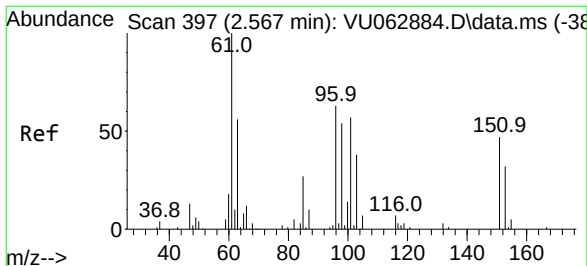
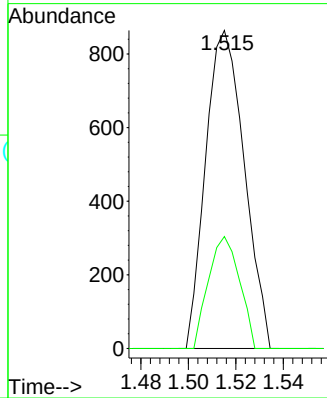
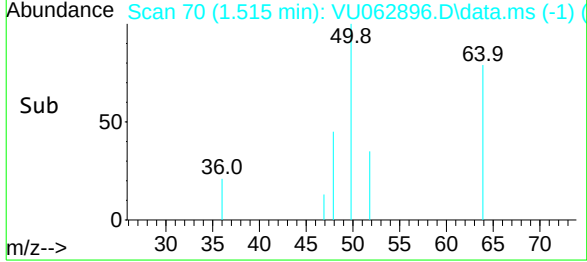
Instrument :
MSVOA_U
ClientSampleId :
C0AF7



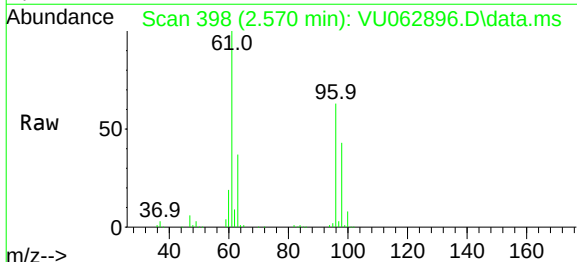
Tgt Ion: 50 Resp: 977
Ion Ratio Lower Upper
50 100
52 35.2 24.1 44.7

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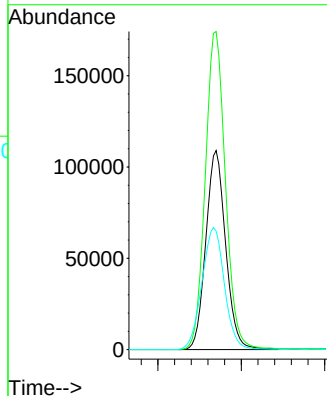
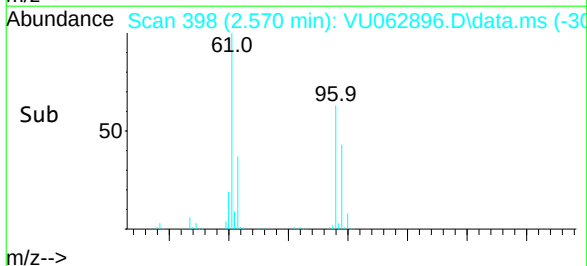
Reviewed By :John Carlone 01/21/2025
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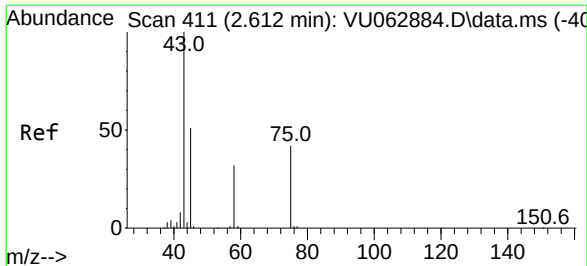


#12
1,1-Dichloroethene
Concen: 32.325 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.003 min
Lab File: VU062896.D
Acq: 18 Jan 2025 01:39



Tgt Ion: 96 Resp: 180284
Ion Ratio Lower Upper
96 100
61 159.8 120.4 223.6
63 59.5 82.3 152.9#





#13

Acetone

Concen: 4.641 ug/L

RT: 2.615 min Scan# 411

Delta R.T. 0.003 min

Lab File: VU062896.D

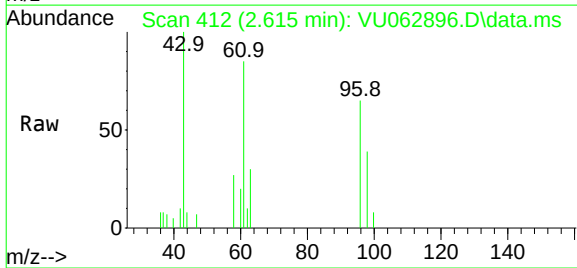
Acq: 18 Jan 2025 01:39

Instrument :

MSVOA_U

ClientSampleId :

C0AF7



Tgt Ion: 43 Resp: 3739

Ion Ratio Lower Upper

43 100

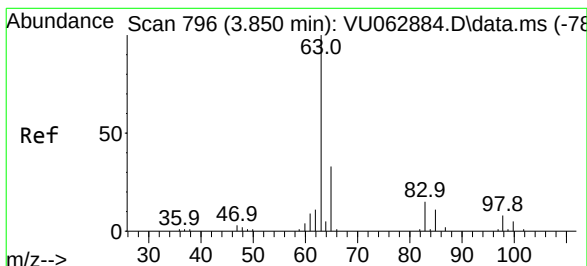
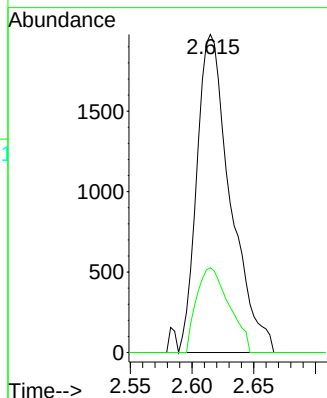
58 25.9 0.0 64.4

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#19

1,1-Dichloroethane

Concen: 56.311 ug/L

RT: 3.853 min Scan# 797

Delta R.T. 0.003 min

Lab File: VU062896.D

Acq: 18 Jan 2025 01:39

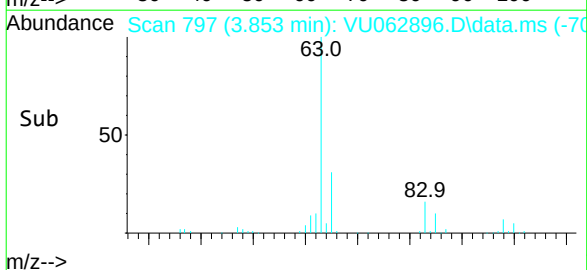
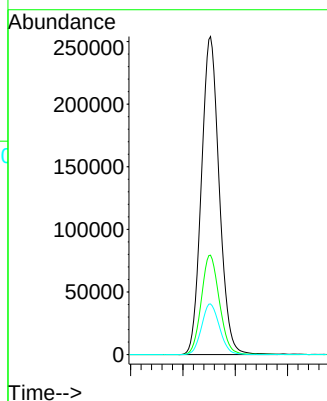
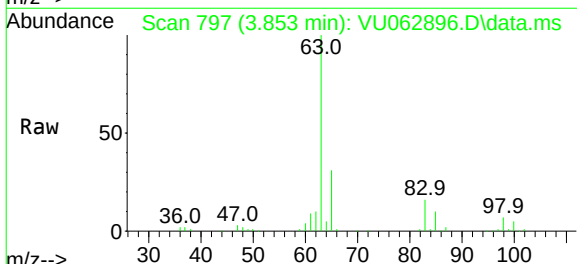
Tgt Ion: 63 Resp: 601583

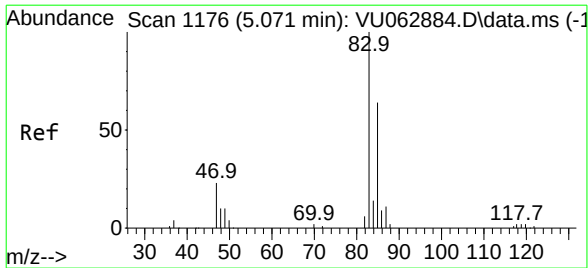
Ion Ratio Lower Upper

63 100

65 31.3 20.7 38.5

83 15.9 10.5 19.5





#25

Chloroform

Concen: 0.284 ug/L

RT: 5.078 min Scan# 1176

Delta R.T. 0.006 min

Lab File: VU062896.D

Acq: 18 Jan 2025 01:39

Instrument :

MSVOA_U

ClientSampleId :

C0AF7

Tgt Ion: 83 Resp: 3733

Ion Ratio Lower Upper

83 100

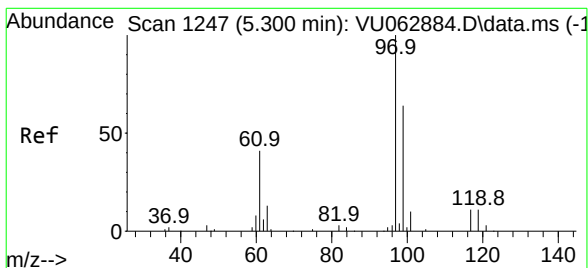
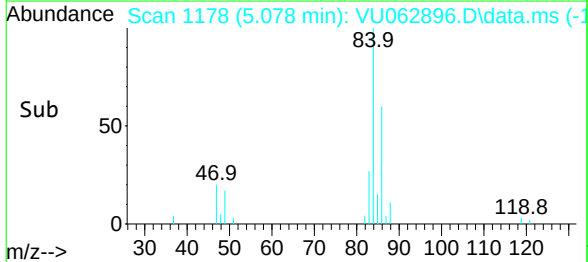
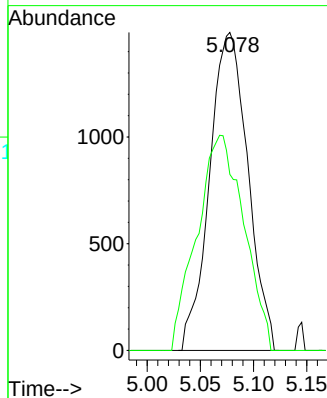
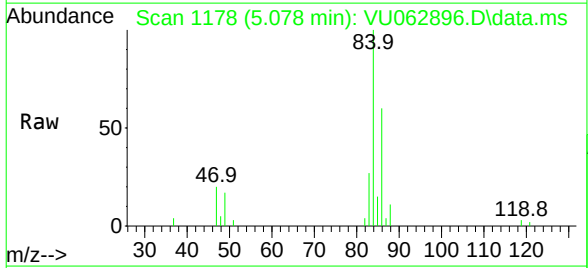
85 55.4 45.8 85.2

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#29

1,1,1-Trichloroethane

Concen: 2034.255 ug/L m

RT: 5.300 min Scan# 1247

Delta R.T. -0.000 min

Lab File: VU062896.D

Acq: 18 Jan 2025 01:39

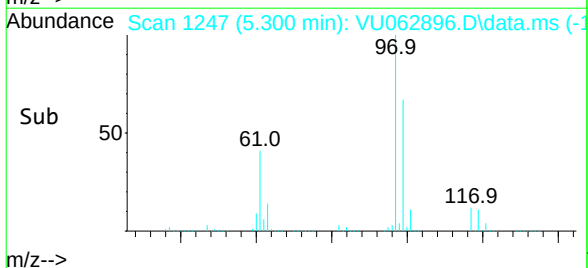
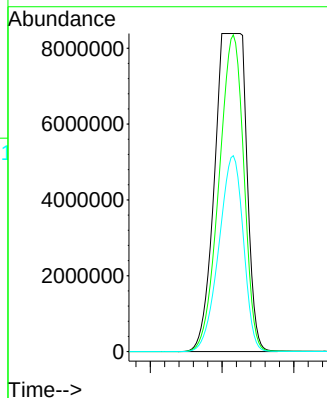
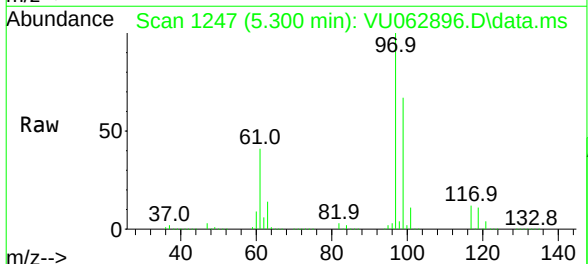
Tgt Ion: 97 Resp:25738151

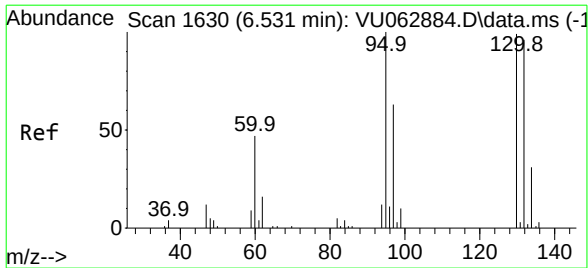
Ion Ratio Lower Upper

97 100

99 0.0 52.4 78.6#

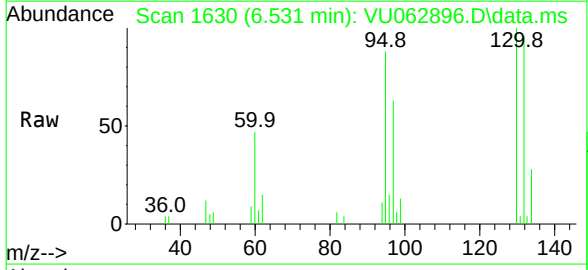
61 0.0 32.2 48.4#





#34
 Trichloroethene
 Concen: 0.667 ug/L
 RT: 6.531 min Scan# 16
 Delta R.T. -0.000 min
 Lab File: VU062896.D
 Acq: 18 Jan 2025 01:39

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Tgt Ion: 95 Resp: 5464

Ion	Ratio	Lower	Upper
95	100		
97	71.2	47.5	88.3
132	112.9	66.9	124.3
130	113.4	68.6	127.4

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