

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025236.D
 Acq On : 27 Mar 2022 06:28
 Operator : SY/MD
 Sample : N2110-08
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0PC0

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 28 03:49:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 03:13:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	147216	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	138693	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59126	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	59497	4.327	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.600%	
7) Chloroethane-d5	1.571	69	53275	4.616	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.400%	
11) 1,1-Dichloroethene-d2	2.111	63	93592	3.142	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	62.800%	
20) 2-Butanone-d5	3.902	46	70099	51.175	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.360%	
24) Chloroform-d	4.352	84	89523	4.988	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.800%	
26) 1,2-Dichloroethane-d4	5.037	65	41710	5.258	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.200%	
32) Benzene-d6	5.050	84	182071	5.189	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.800%	
36) 1,2-Dichloropropane-d6	6.069	67	50908	5.177	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.600%	
41) Toluene-d8	7.317	98	156491	4.862	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.200%	
43) trans-1,3-Dichloroprop...	7.625	79	14042	4.377	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.600%	
46) 2-Hexanone-d5	8.088	63	65903	56.881	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	113.760%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	31187	4.756	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	51431	5.416	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.400%	
Target Compounds						Qvalue
5) Vinyl chloride	1.314	62	1598	0.082	ug/L	# 32
17) Methyl tert-butyl Ether	2.770	73	1973m	0.105	ug/L	
18) trans-1,2-Dichloroethene	2.767	96	1006	0.095	ug/L	86
22) cis-1,2-Dichloroethene	3.912	96	220466	20.399	ug/L	96
25) Chloroform	4.378	83	5734	0.291	ug/L	90
34) Trichloroethene	5.915	95	58182	5.208	ug/L	99
47) Tetrachloroethene	7.982	164	23037570m	2796.759	ug/L	
51) Chlorobenzene	8.889	112	2851	0.102	ug/L	96

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

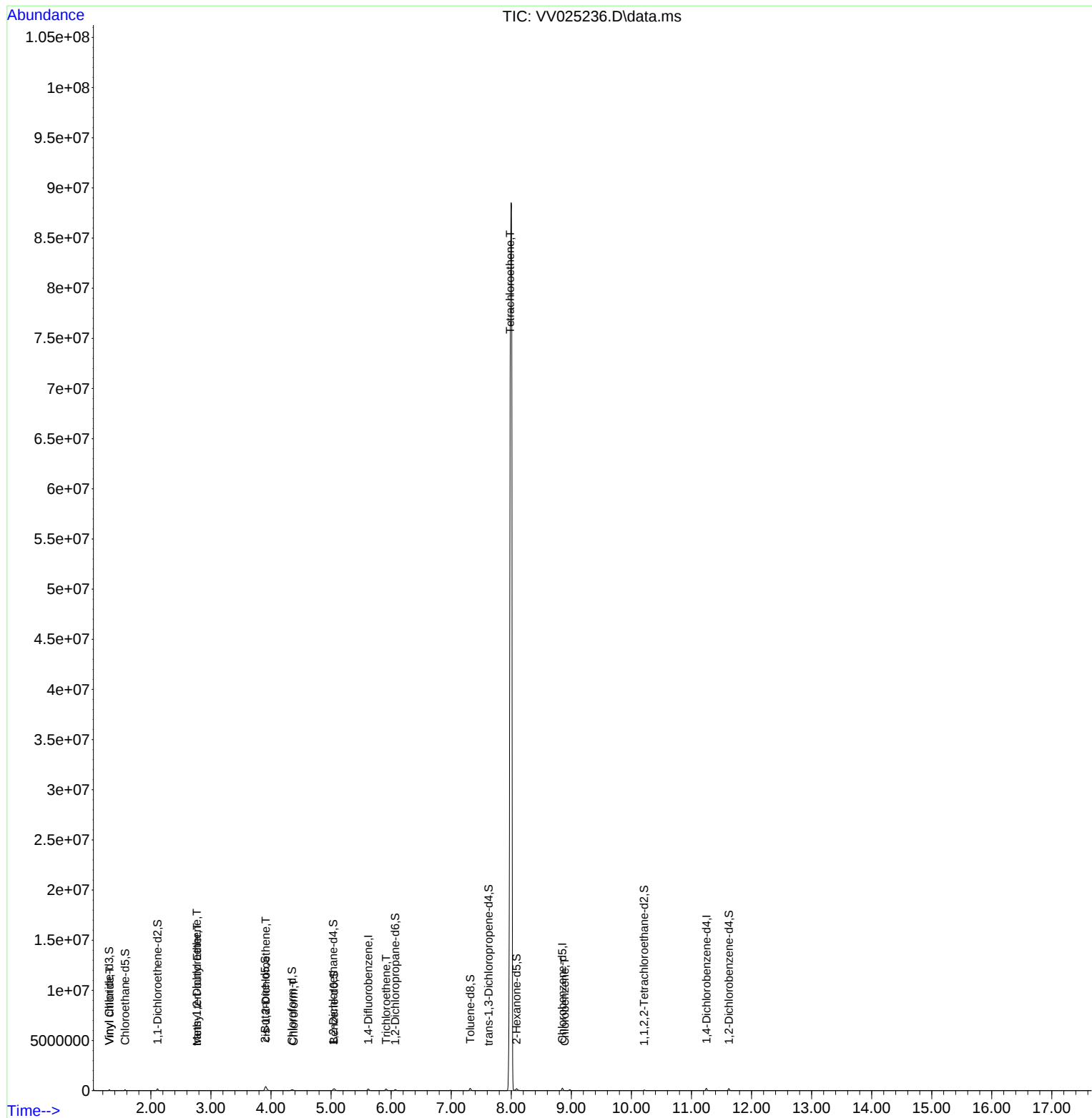
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032622\
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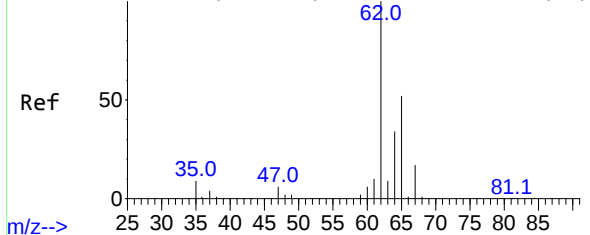
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Mar 28 03:13:34 2022
Response via : Initial Calibration



Abundance Scan 85 (1.314 min): VV025222.D\data.ms (-76)



#5

Vinyl chloride

Concen: 0.082 ug/L

RT: 1.314 min Scan# 85

Delta R.T. 0.000 min

Lab File: VV025236.D

Acq: 27 Mar 2022 06:28

Instrument :

MSVOA_V

ClientSampleId :

COPCO

Tgt Ion: 62 Resp: 1598

Ion Ratio Lower Upper

62 100

64 69.1 22.0 40.8

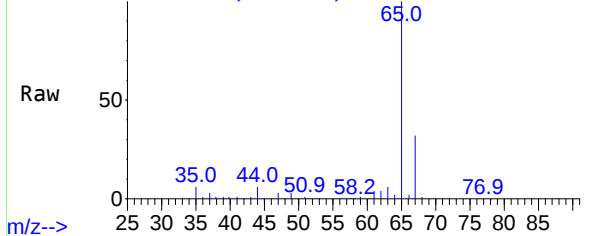
Manual Integrations

APPROVED

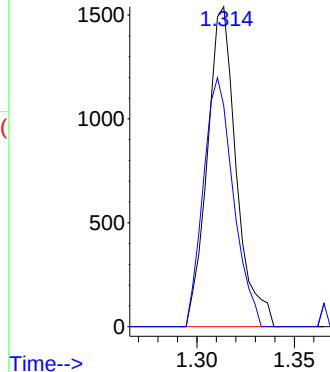
Reviewed By :John Carlone 03/28/2022

Supervised By :Mahesh Dadoda 03/28/2022

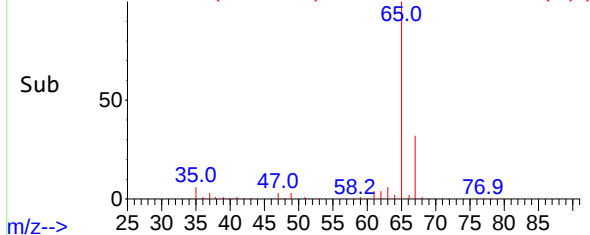
Abundance Scan 85 (1.314 min): VV025236.D\data.ms



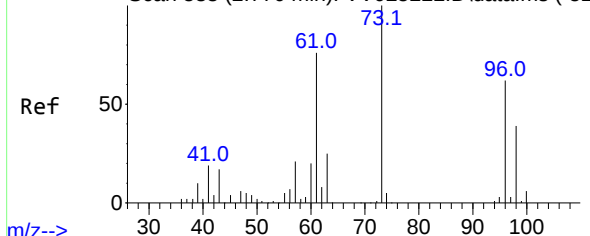
Abundance



Abundance Scan 85 (1.314 min): VV025236.D\data.ms (-1)



Abundance Scan 538 (2.770 min): VV025222.D\data.ms (-52)



#17

Methyl tert-butyl Ether

Concen: 0.105 ug/L m

RT: 2.770 min Scan# 538

Delta R.T. 0.000 min

Lab File: VV025236.D

Acq: 27 Mar 2022 06:28

Tgt Ion: 73 Resp: 1973

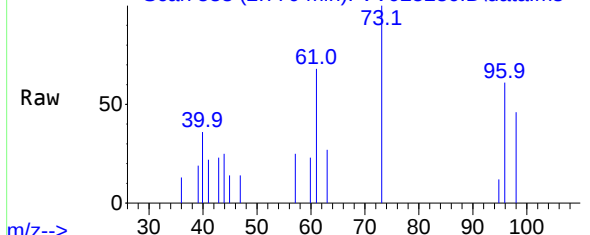
Ion Ratio Lower Upper

73 100

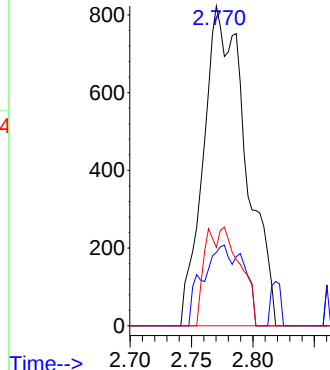
43 2.2 13.5 20.3#

57 9.5 16.4 24.6#

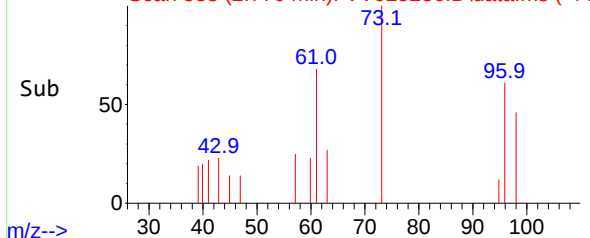
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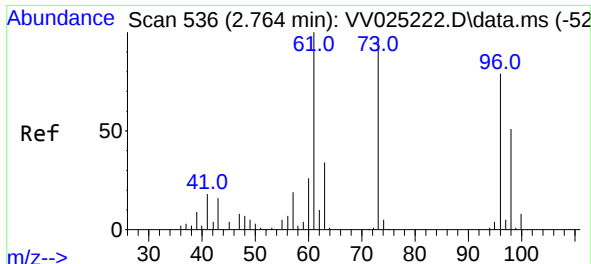


Abundance



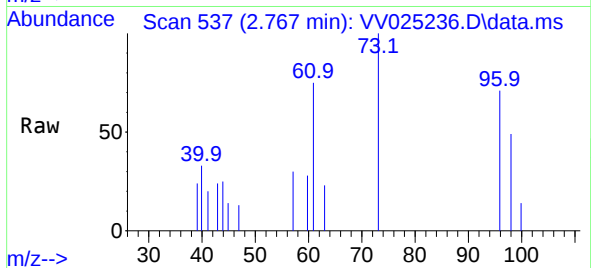
Abundance Scan 538 (2.770 min): VV025236.D\data.ms (-44)





#18
trans-1,2-Dichloroethene
Concen: 0.095 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025236.D
Acq: 27 Mar 2022 06:28

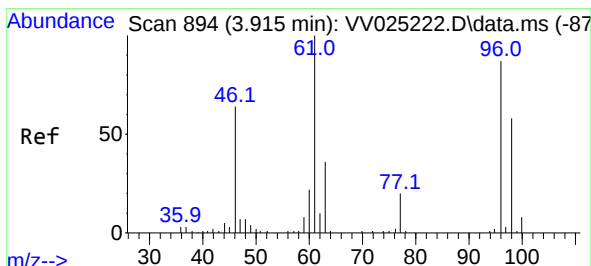
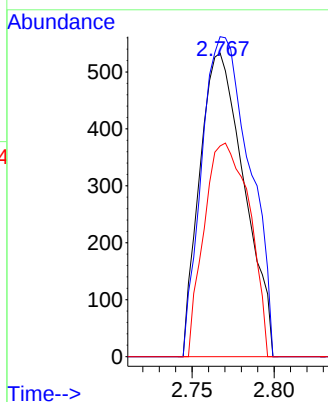
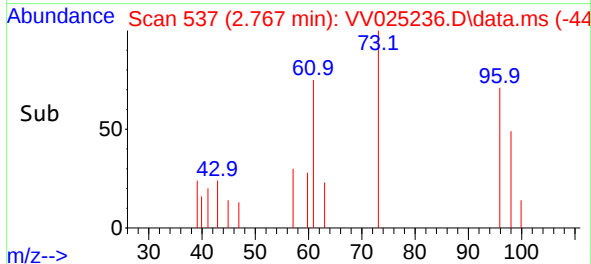
Instrument :
MSVOA_V
ClientSampleId :
COPCO



Tgt Ion: 96 Resp: 1000
Ion Ratio Lower Upper
96 100
61 105.4 87.6 162.8
98 69.4 44.0 81.8

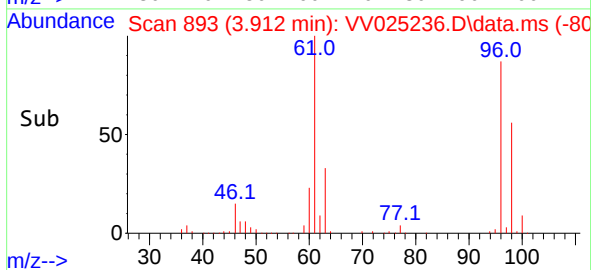
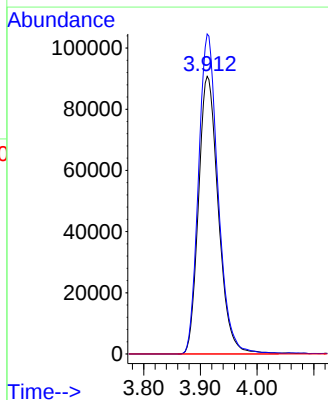
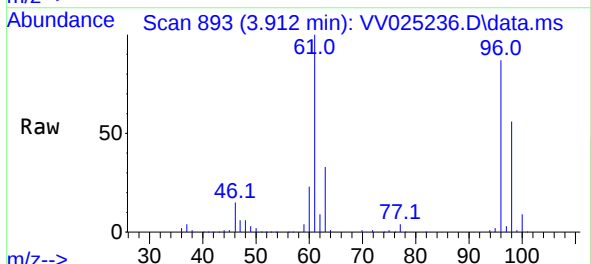
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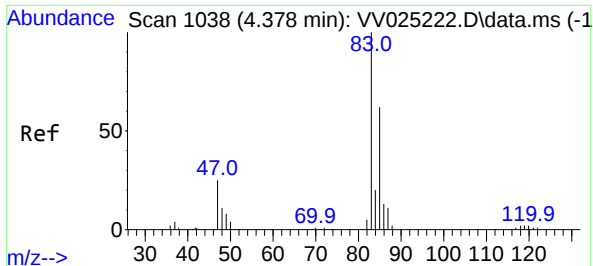
Reviewed By :John Carlone 03/28/2022
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#22
cis-1,2-Dichloroethene
Concen: 20.399 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.003 min
Lab File: VV025236.D
Acq: 27 Mar 2022 06:28

Tgt Ion: 96 Resp: 220466
Ion Ratio Lower Upper
96 100
61 115.3 84.1 156.1
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.291 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VV025236.D

Acq: 27 Mar 2022 06:28

Instrument :

MSVOA_V

ClientSampleId :

C0PC0

Tgt Ion: 83 Resp: 5734

Ion Ratio Lower Upper

83 100

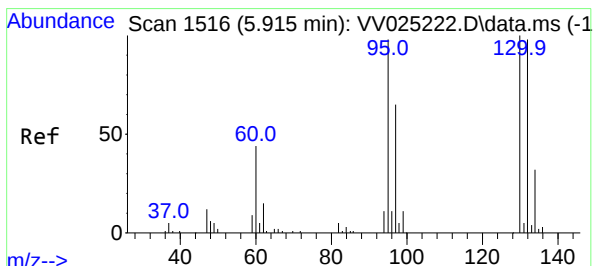
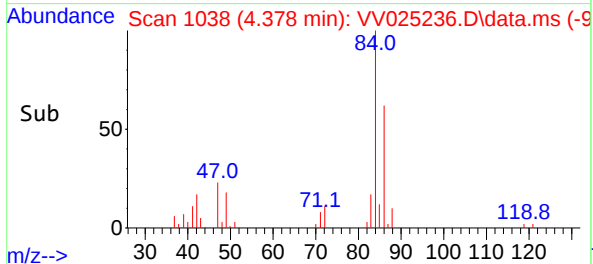
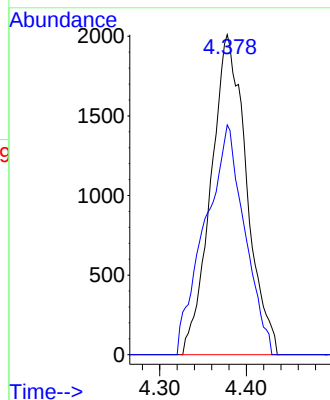
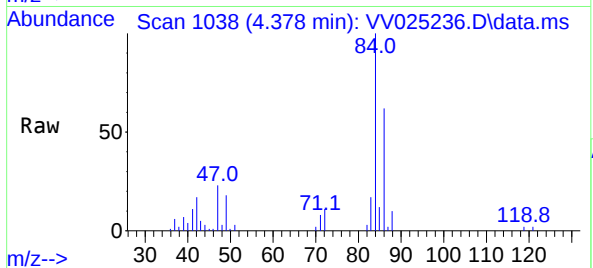
85 71.8 44.7 82.9

Manual Integrations

APPROVED

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#34

Trichloroethene

Concen: 5.208 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VV025236.D

Acq: 27 Mar 2022 06:28

Tgt Ion: 95 Resp: 58182

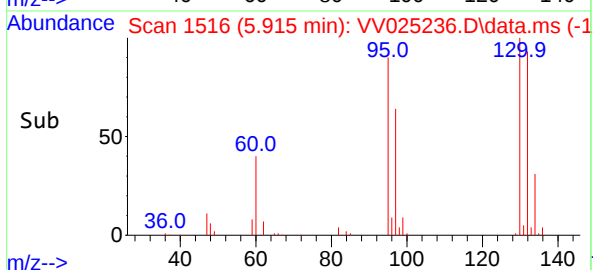
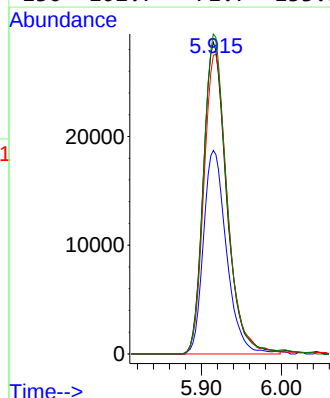
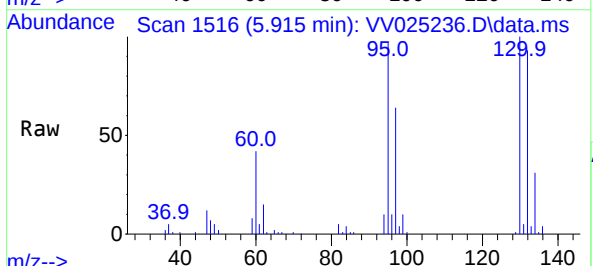
Ion Ratio Lower Upper

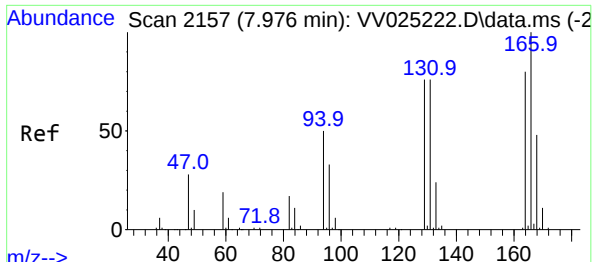
95 100

97 65.3 46.3 85.9

132 95.8 65.2 121.2

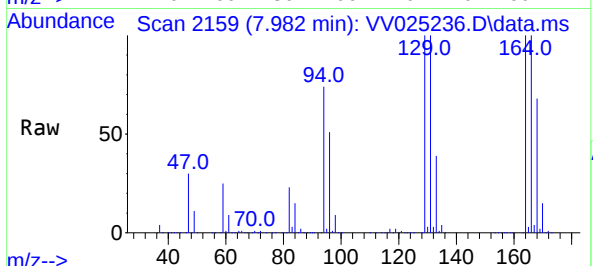
130 102.7 71.7 133.1





#47
Tetrachloroethene
Concen: 2796.759 ug/L m
RT: 7.982 min Scan# 2157
Delta R.T. 0.007 min
Lab File: VV025236.D
Acq: 27 Mar 2022 06:28

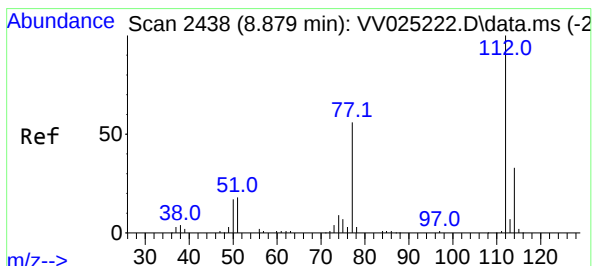
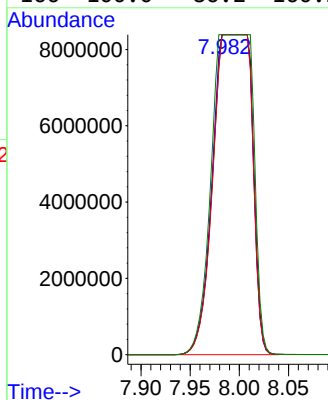
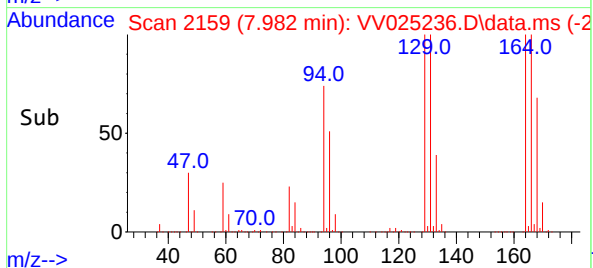
Instrument :
MSVOA_V
ClientSampleId :
C0PC0



Tgt Ion:164 Resp:23037570
Ion Ratio Lower Upper
164 100
129 100.0 67.5 125.4
131 100.0 68.0 126.4
166 100.0 86.2 160.2

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#51
Chlorobenzene
Concen: 0.102 ug/L
RT: 8.889 min Scan# 2441
Delta R.T. 0.010 min
Lab File: VV025236.D
Acq: 27 Mar 2022 06:28

Tgt Ion:112 Resp: 2851
Ion Ratio Lower Upper
112 100
114 35.9 21.9 40.7
77 56.4 44.2 66.4

