

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111821\
 Data File : VW023605.D
 Acq On : 18 Nov 2021 15:36
 Operator : SY/MD
 Sample : M4627-19DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4674DL

Quant Time: Nov 19 02:14:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 02:11:08 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/19/2021
 Supervised By : Mahesh Dadoda 11/19/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	117686	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	115070	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53670	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39510	5.359	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	107.200%	
7) Chloroethane-d5	1.568	69	31316	5.212	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.200%	
11) 1,1-Dichloroethene-d2	2.108	63	52301	3.789	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.800%	
20) 2-Butanone-d5	3.892	46	67280m	52.970	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.940%	
24) Chloroform-d	4.352	84	70944	4.515	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%	
26) 1,2-Dichloroethane-d4	5.034	65	33195	4.698	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.000%	
32) Benzene-d6	5.053	84	133868	4.534	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
36) 1,2-Dichloropropane-d6	6.069	67	39255	4.517	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.400%	
41) Toluene-d8	7.317	98	114885	4.152	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.000%	
43) trans-1,3-Dichloroprop...	7.625	79	13650	4.142	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.800%	
46) 2-Hexanone-d5	8.091	63	51347	42.347	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.700%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27407	4.385	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	45070	5.043	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.800%	
Target Compounds						
5) Vinyl chloride	1.310	62	34246	3.514	ug/L	93
16) Methylene chloride	2.510	84	8766	0.856	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	35570	2.302	ug/L	97
18) trans-1,2-Dichloroethene	2.767	96	4485	0.520	ug/L	95
19) 1,1-Dichloroethane	3.195	63	3800	0.261	ug/L	94
22) cis-1,2-Dichloroethene	3.912	96	105110	12.660	ug/L #	92
33) Benzene	5.108	78	5330	0.166	ug/L	100
34) Trichloroethene	5.921	95	3359	0.393	ug/L	93
63) 1,2,4-Trimethylbenzene	10.918	105	2356	0.093	ug/L	97

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

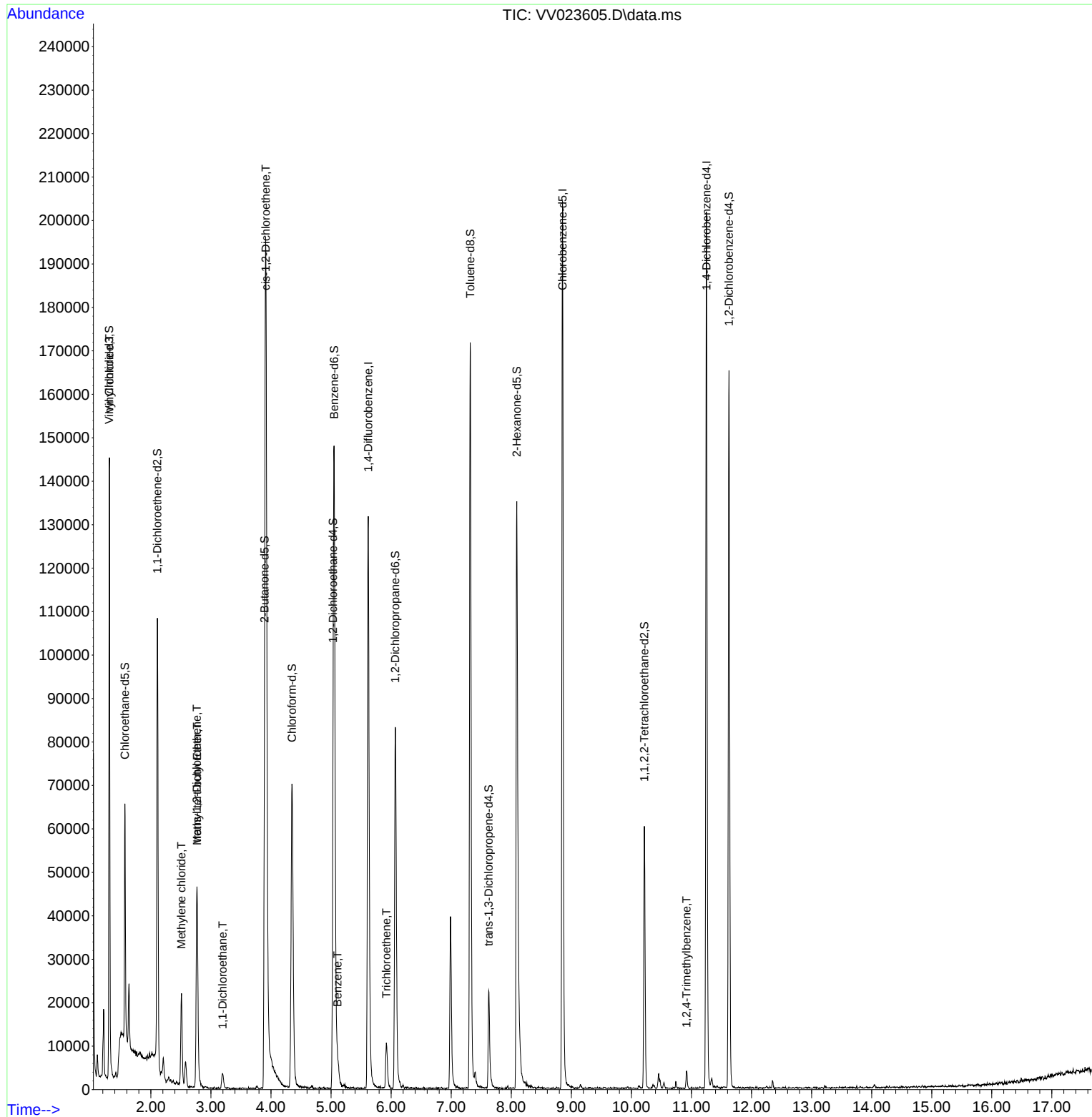
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111821\
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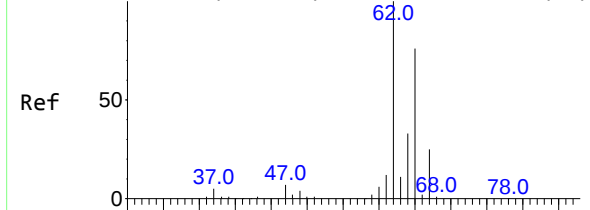
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 19 02:11:08 2021
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Abundance Scan 84 (1.310 min): VV023593.D\data.ms (-76)



#5

Vinyl chloride

Concen: 3.514 ug/L

RT: 1.310 min Scan# 84

Delta R.T. 0.000 min

Lab File: VV023605.D

Acq: 18 Nov 2021 15:36

Instrument :

MSVOA_V

ClientSampleId :

H4674DL

Tgt Ion: 62 Resp: 3424

Ion Ratio Lower Upper

62 100

64 37.2 23.1 42.9

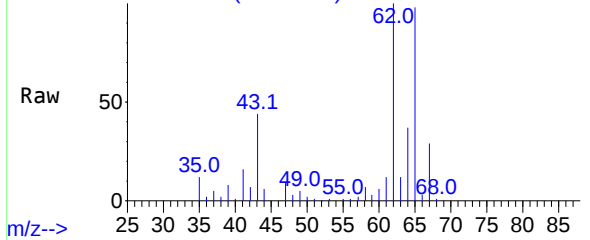
Manual Integrations

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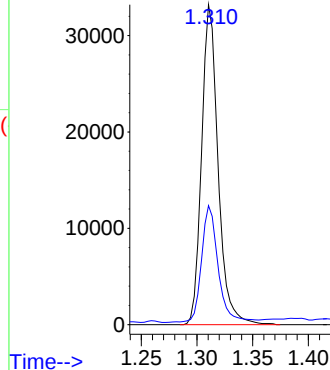
Reviewed By :John Carlone 11/19/2021

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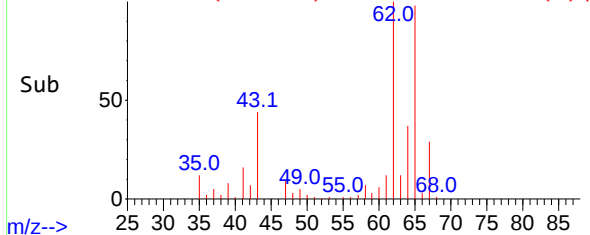
Abundance Scan 84 (1.310 min): VV023605.D\data.ms



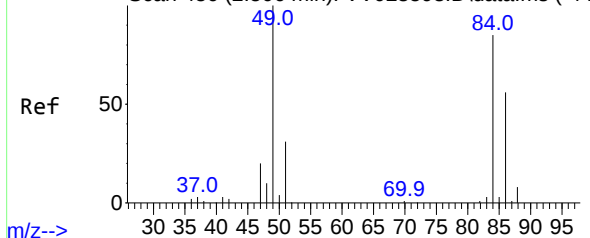
Abundance



Abundance Scan 84 (1.310 min): VV023605.D\data.ms (-1)



Abundance Scan 456 (2.506 min): VV023593.D\data.ms (-44)



#16

Methylene chloride

Concen: 0.856 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.003 min

Lab File: VV023605.D

Acq: 18 Nov 2021 15:36

Tgt Ion: 84 Resp: 8766

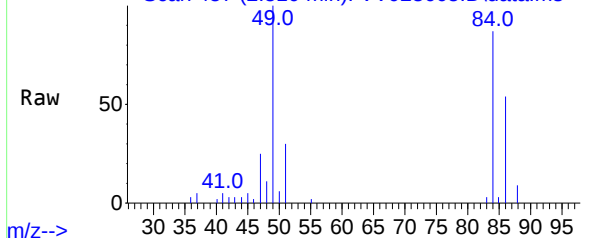
Ion Ratio Lower Upper

84 100

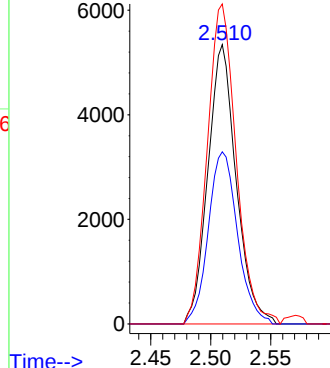
86 61.6 42.3 78.5

49 114.6 79.7 148.1

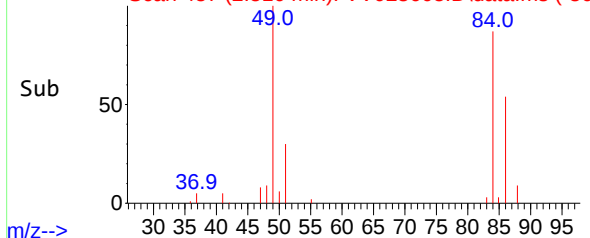
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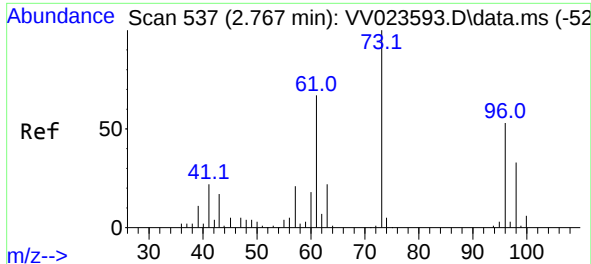


Abundance



Abundance Scan 457 (2.510 min): VV023605.D\data.ms (-36)





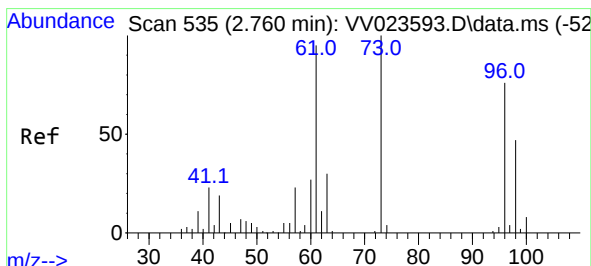
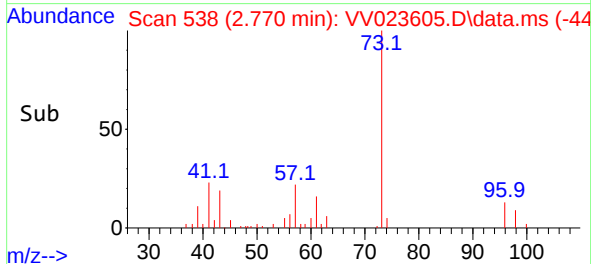
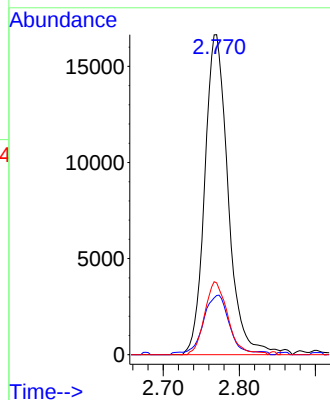
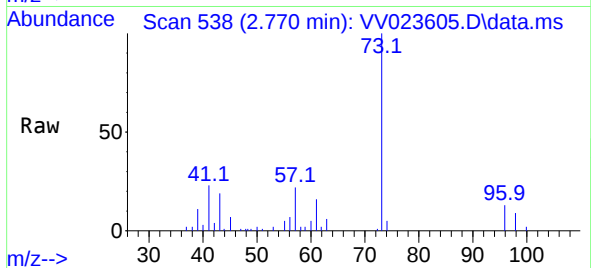
#17
Methyl tert-butyl Ether
Concen: 2.302 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023605.D
Acq: 18 Nov 2021 15:36

Instrument :
MSVOA_V
ClientSampleId :
H4674DL

Tgt Ion: 73 Resp: 35570
Ion Ratio Lower Upper
73 100
43 20.6 17.4 26.0
57 22.6 16.5 24.7

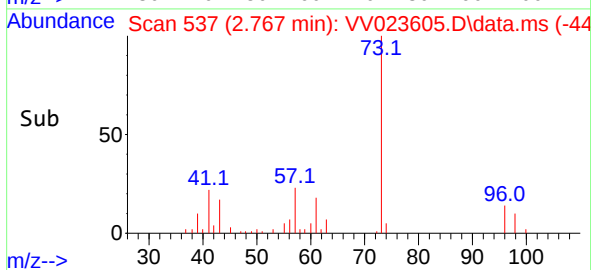
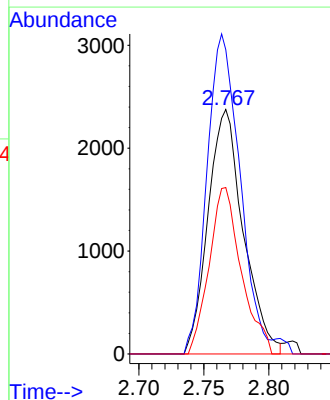
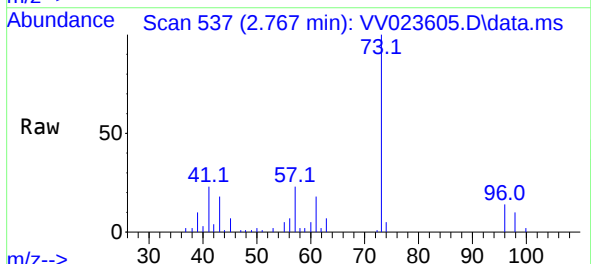
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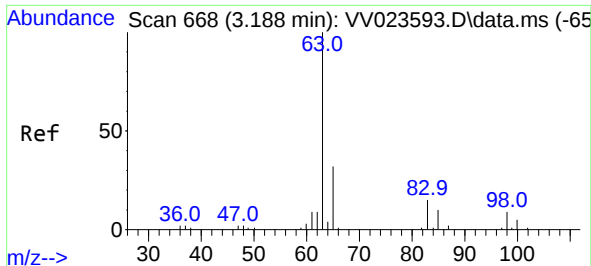
Reviewed By :John Carlone 11/19/2021
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#18
trans-1,2-Dichloroethene
Concen: 0.520 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.007 min
Lab File: VV023605.D
Acq: 18 Nov 2021 15:36

Tgt Ion: 96 Resp: 4485
Ion Ratio Lower Upper
96 100
61 124.4 93.2 173.2
98 68.1 47.0 87.2





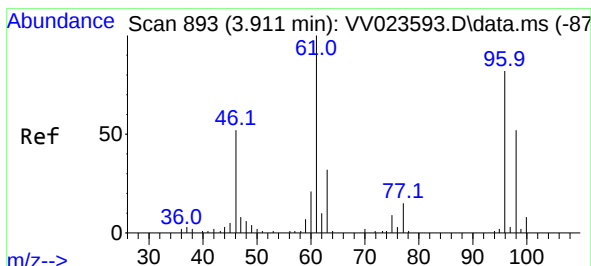
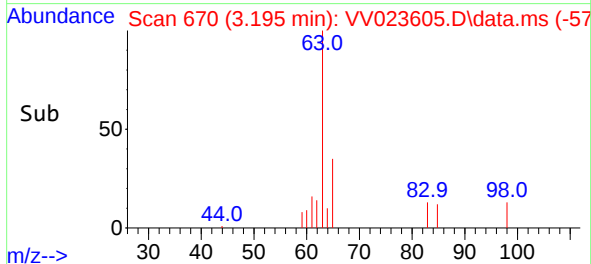
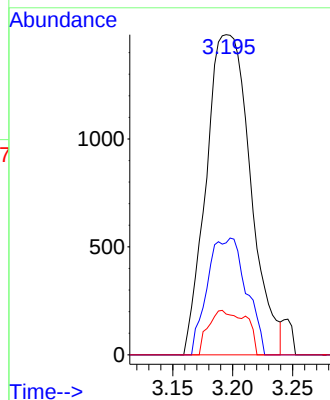
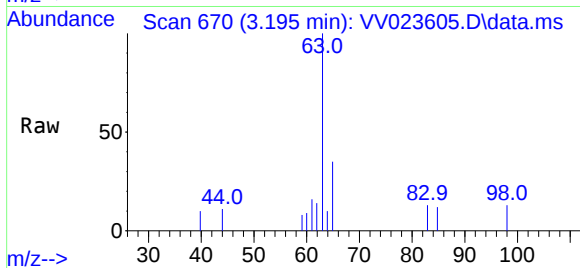
#19
1,1-Dichloroethane
Concen: 0.261 ug/L
RT: 3.195 min Scan# 61
Delta R.T. 0.007 min
Lab File: VV023605.D
Acq: 18 Nov 2021 15:36

Instrument :
MSVOA_V
ClientSampleId :
H4674DL

Tgt Ion: 63 Resp: 3800
Ion Ratio Lower Upper
63 100
65 35.0 22.6 42.0
83 12.7 11.1 20.7

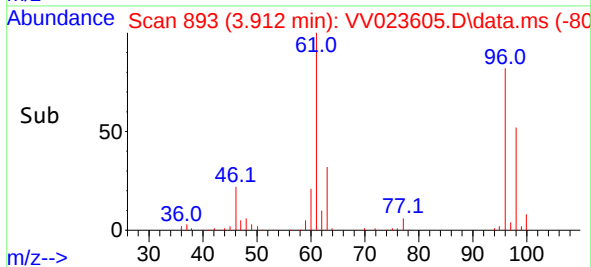
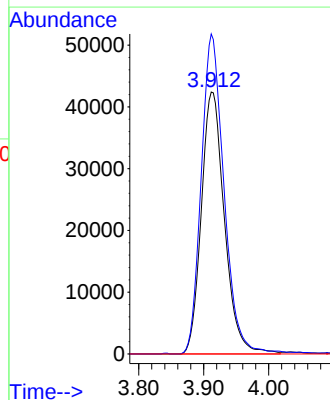
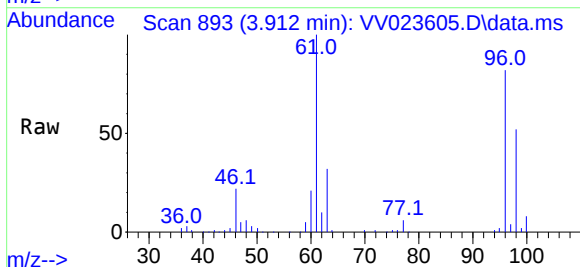
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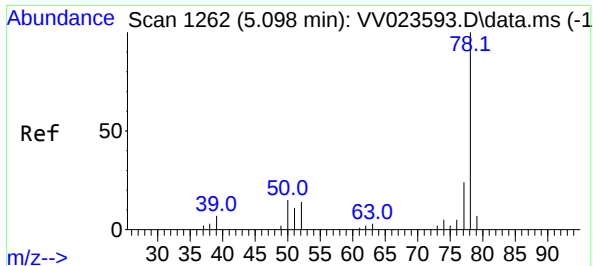
Reviewed By :John Carlone 11/19/2021
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#22
cis-1,2-Dichloroethene
Concen: 12.660 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.000 min
Lab File: VV023605.D
Acq: 18 Nov 2021 15:36

Tgt Ion: 96 Resp: 105110
Ion Ratio Lower Upper
96 100
61 122.1 92.3 171.3
68 0.0 0.4 0.8





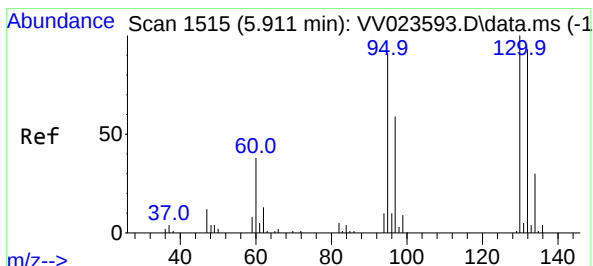
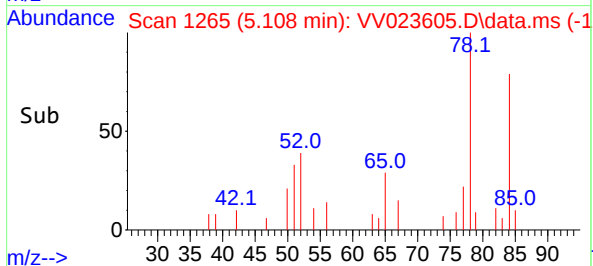
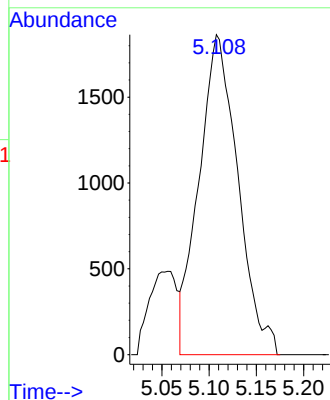
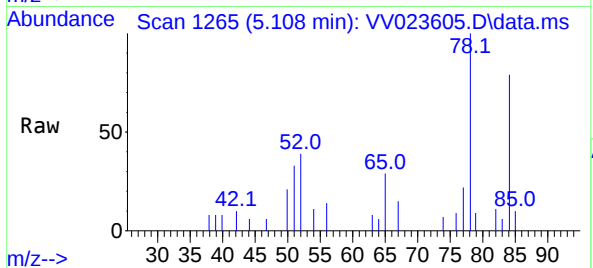
#33
Benzene
Concen: 0.166 ug/L
RT: 5.108 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV023605.D
Acq: 18 Nov 2021 15:36

Instrument :
MSVOA_V
ClientSampleId :
H4674DL

Tgt Ion: 78 Resp: 5330

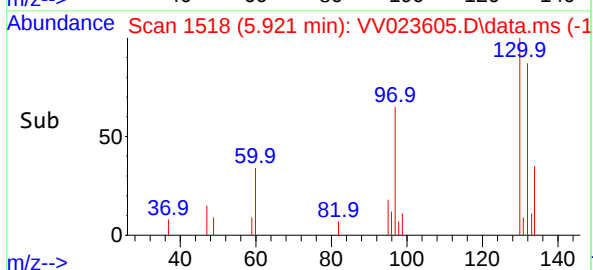
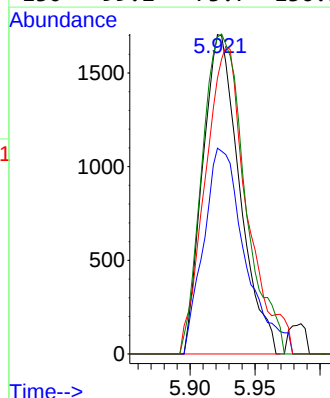
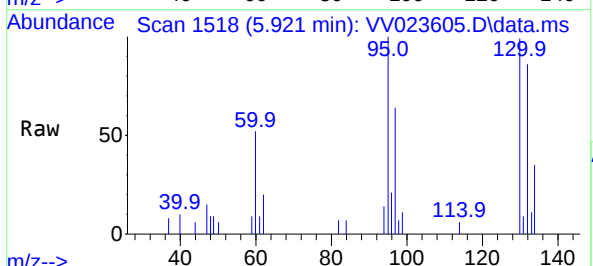
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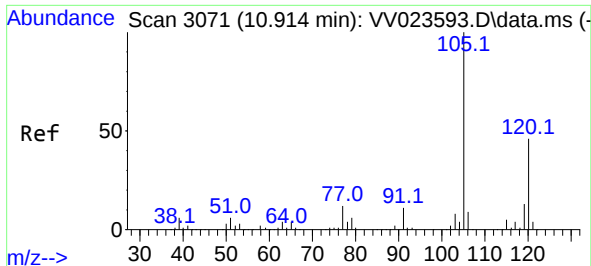
Reviewed By :John Carlone 11/19/2021
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#34
Trichloroethene
Concen: 0.393 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV023605.D
Acq: 18 Nov 2021 15:36

Tgt Ion: 95 Resp: 3359
Ion Ratio Lower Upper
95 100
97 64.4 45.0 83.6
132 86.4 69.7 129.4
130 99.2 73.7 136.9





#63

1,2,4-Trimethylbenzene

Concen: 0.093 ug/L

RT: 10.918 min Scan# 30

Delta R.T. 0.003 min

Lab File: VV023605.D

Acq: 18 Nov 2021 15:36

Instrument :

MSVOA_V

ClientSampleId :

H4674DL

Tgt Ion:105 Resp: 2350

Ion Ratio Lower Upper

105 100

120 45.0 37.4 56.2

Manual Integrations

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