

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112621\
 Data File : VW023730.D
 Acq On : 26 Nov 2021 16:58
 Operator : SY/MD
 Sample : M4821-12DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4665DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/29/2021
 Supervised By : Mahesh Dadoda 11/29/2021

Quant Time: Nov 27 03:54:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 27 03:48:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	131244	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	125514	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60817	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	31800	2.952	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	59.000%	
7) Chloroethane-d5	1.568	69	29579	3.493	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	69.800%	
11) 1,1-Dichloroethene-d2	2.108	63	44977	2.369	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	47.400%#	
20) 2-Butanone-d5	3.899	46	62586m	48.321	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	96.640%	
24) Chloroform-d	4.352	84	70570	3.761	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.200%	
26) 1,2-Dichloroethane-d4	5.034	65	36962	4.217	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.400%	
32) Benzene-d6	5.050	84	133775	3.913	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.200%	
36) 1,2-Dichloropropane-d6	6.069	67	41973	4.379	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.600%	
41) Toluene-d8	7.317	98	111755	3.498	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	70.000%	
43) trans-1,3-Dichloroprop...	7.625	79	15018	3.887	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.800%	
46) 2-Hexanone-d5	8.091	63	64318	50.103	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.200%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31347	4.545	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	46828	4.355	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.200%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	4498	0.396	ug/L	83
16) Methylene chloride	2.510	84	5325	0.424	ug/L	96
17) Methyl tert-butyl Ether	2.777	73	1206	0.067	ug/L #	81
18) trans-1,2-Dichloroethene	2.767	96	8637	0.862	ug/L	88
22) cis-1,2-Dichloroethene	3.912	96	80930	8.426	ug/L	99
34) Trichloroethene	5.915	95	41161	4.294	ug/L	96
47) Tetrachloroethene	7.985	164	1222	0.140	ug/L #	80

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

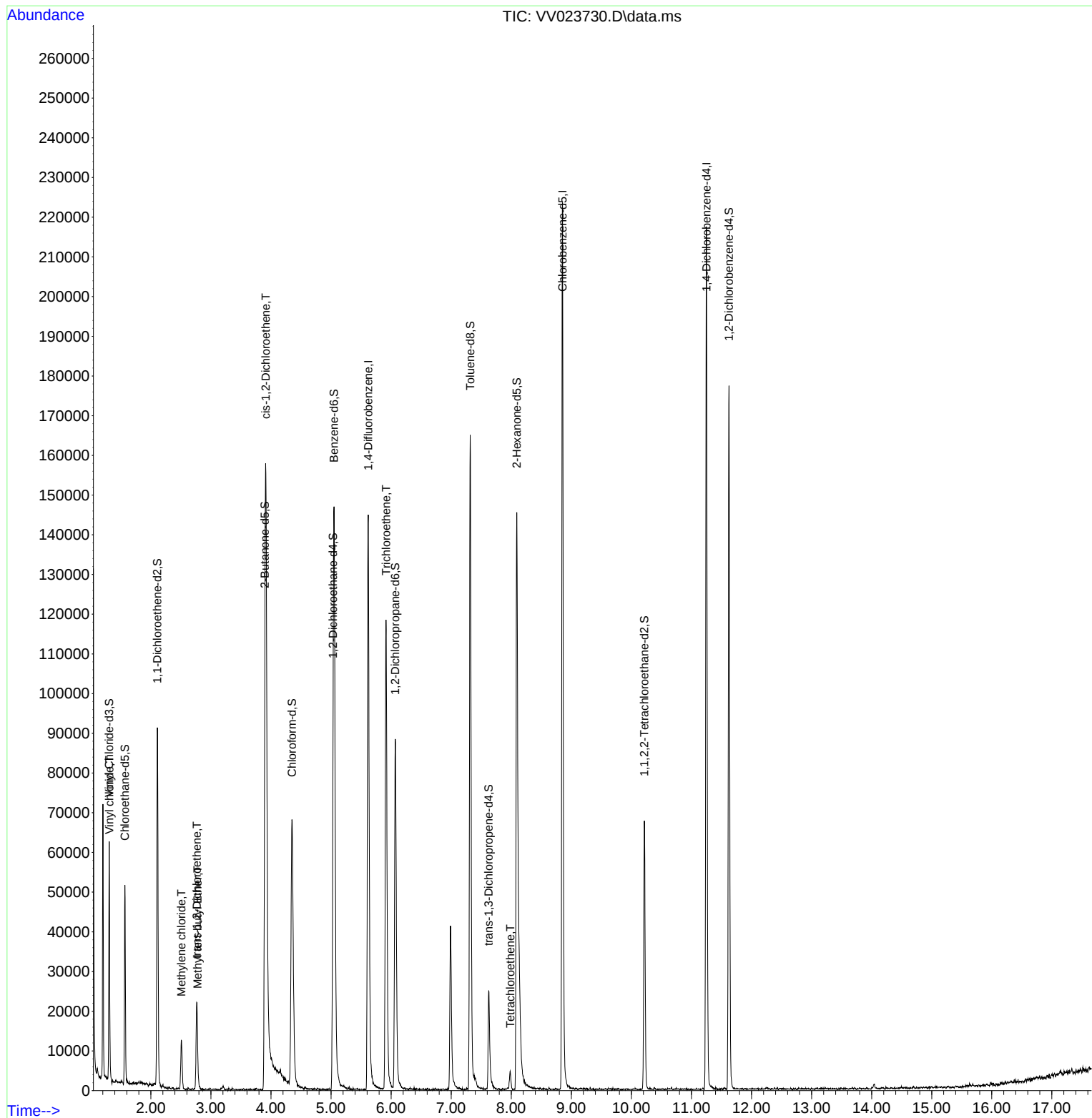
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023730.D
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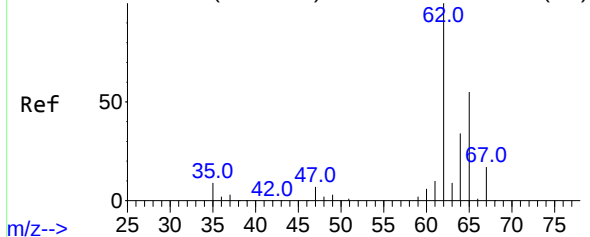
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Quant Time: Nov 27 03:54:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 27 03:48:32 2021
Response via : Initial Calibration



Abundance Scan 84 (1.310 min): VV023716.D\data.ms (-76)



#5

Vinyl chloride

Concen: 0.396 ug/L

RT: 1.310 min Scan# 84

Delta R.T. 0.000 min

Lab File: VV023730.D

Acq: 26 Nov 2021 16:58

Instrument :

MSVOA_V

ClientSampleId :

H4665DL

Tgt Ion: 62 Resp: 4498

Ion Ratio Lower Upper

62 100

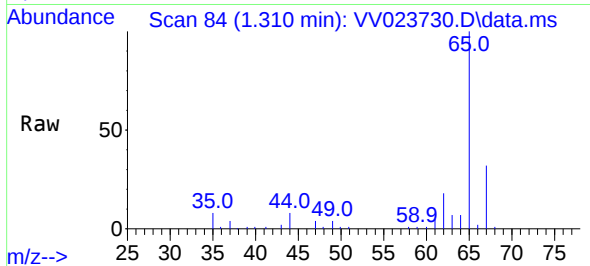
64 41.2 22.4 41.6

Manual Integrations

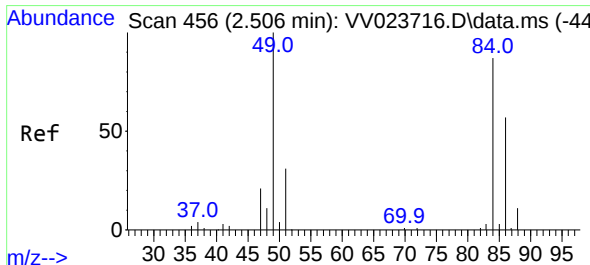
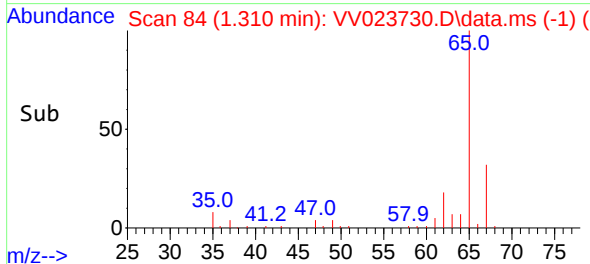
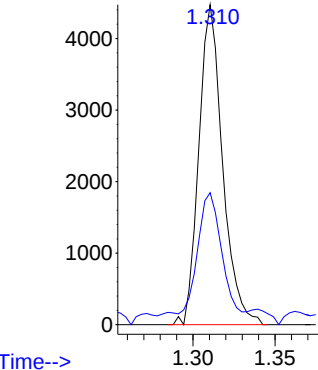
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Abundance



#16

Methylene chloride

Concen: 0.424 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.003 min

Lab File: VV023730.D

Acq: 26 Nov 2021 16:58

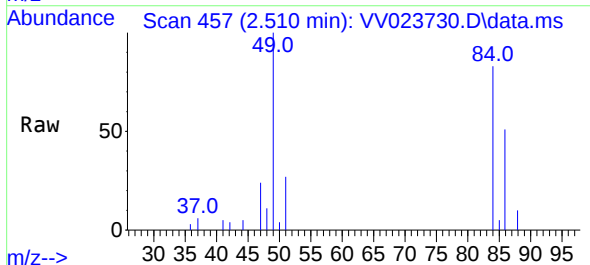
Tgt Ion: 84 Resp: 5325

Ion Ratio Lower Upper

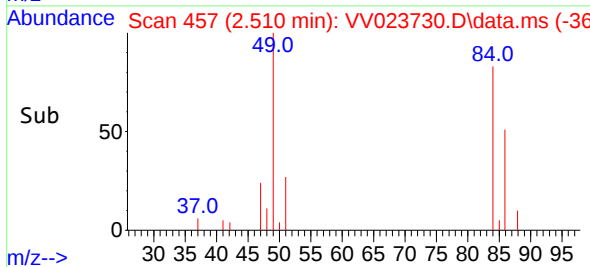
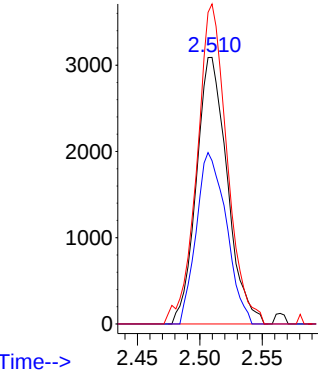
84 100

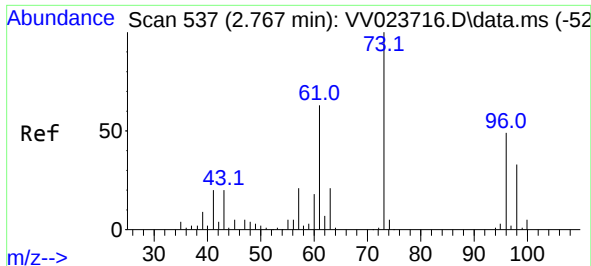
86 61.2 42.6 79.0

49 120.0 79.7 147.9



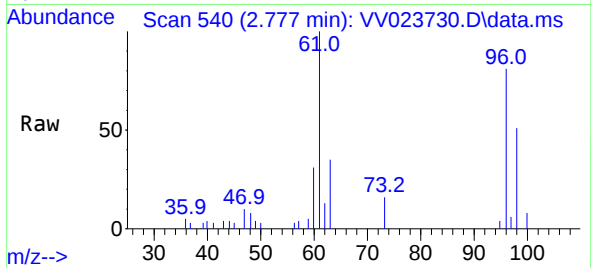
Abundance





#17
Methyl tert-butyl Ether
Concen: 0.067 ug/L
RT: 2.777 min Scan# 54
Delta R.T. 0.010 min
Lab File: VV023730.D
Acq: 26 Nov 2021 16:58

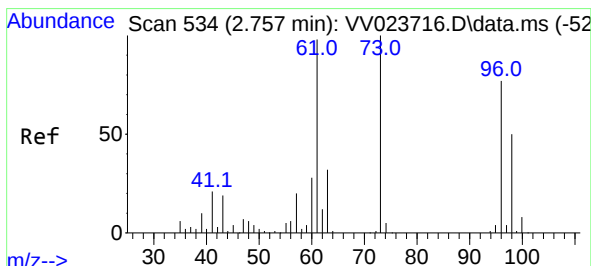
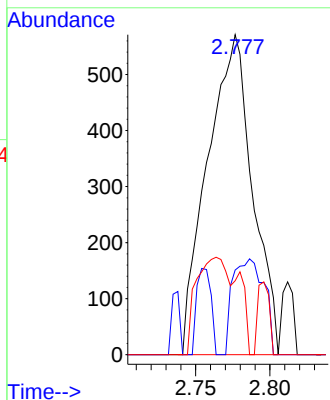
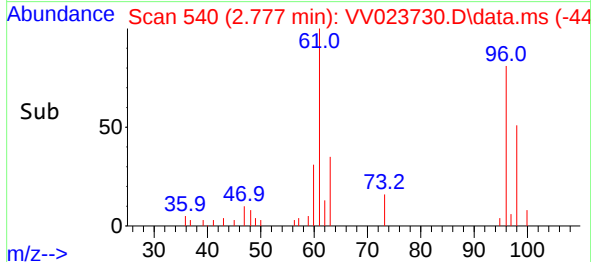
Instrument :
MSVOA_V
ClientSampleId :
H4665DL



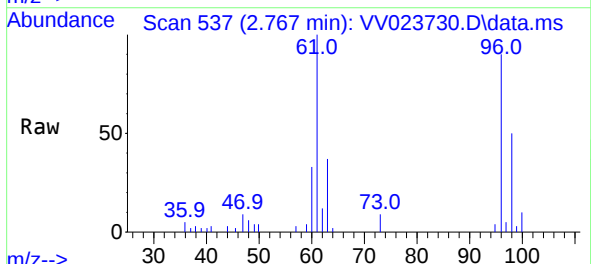
Tgt Ion: 73 Resp: 1200
Ion Ratio Lower Upper
73 100
43 20.7 15.5 23.3
57 5.8 17.1 25.7

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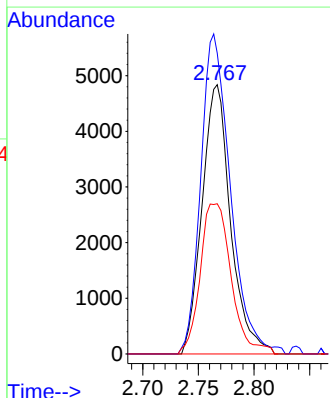
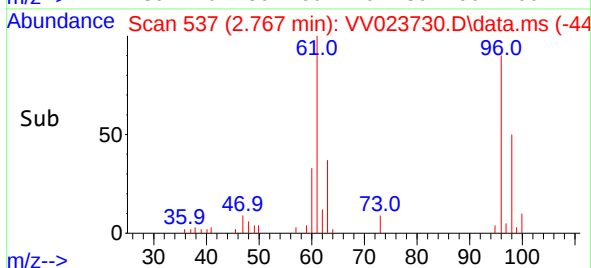
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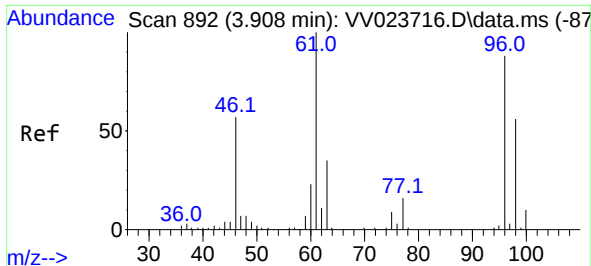


#18
trans-1,2-Dichloroethene
Concen: 0.862 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.010 min
Lab File: VV023730.D
Acq: 26 Nov 2021 16:58



Tgt Ion: 96 Resp: 8637
Ion Ratio Lower Upper
96 100
61 111.7 88.2 163.8
98 55.8 44.9 83.5





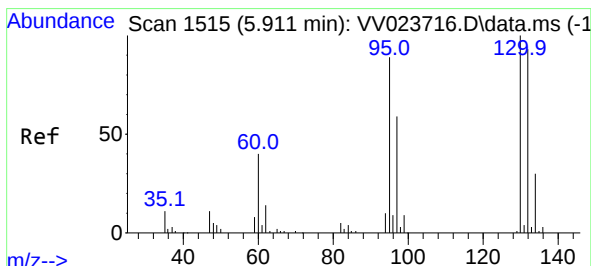
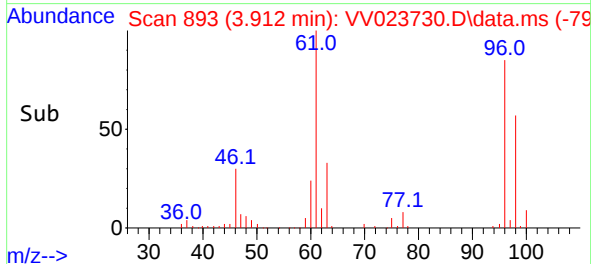
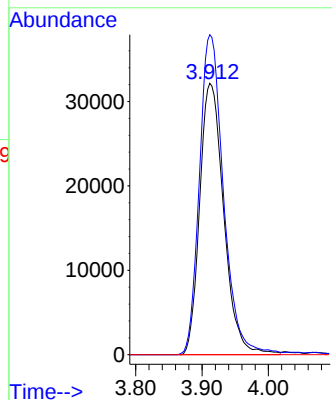
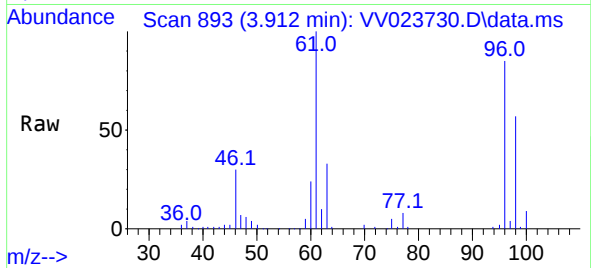
#22
cis-1,2-Dichloroethene
Concen: 8.426 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV023730.D
Acq: 26 Nov 2021 16:58

Instrument :
MSVOA_V
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H4665DL

Tgt Ion: 96 Resp: 80930
Ion Ratio Lower Upper
96 100
61 117.9 83.4 154.8
68 0.0 0.0 0.0

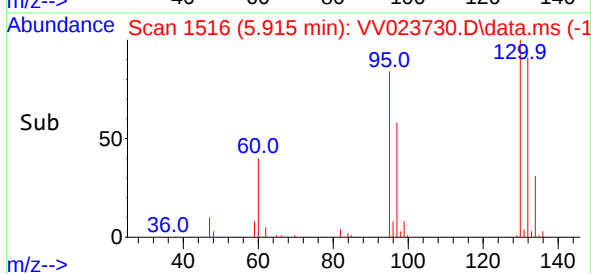
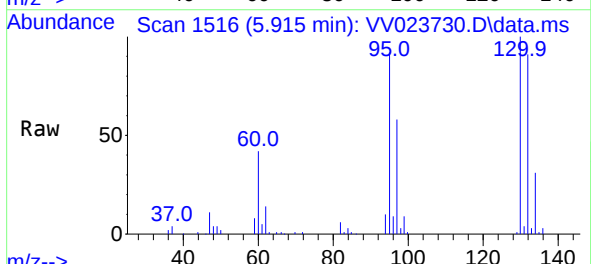
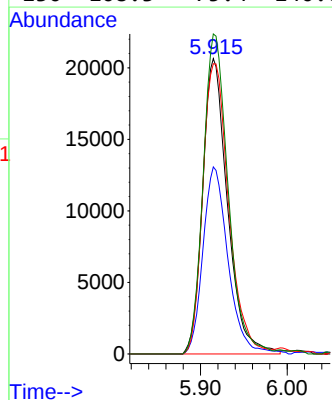
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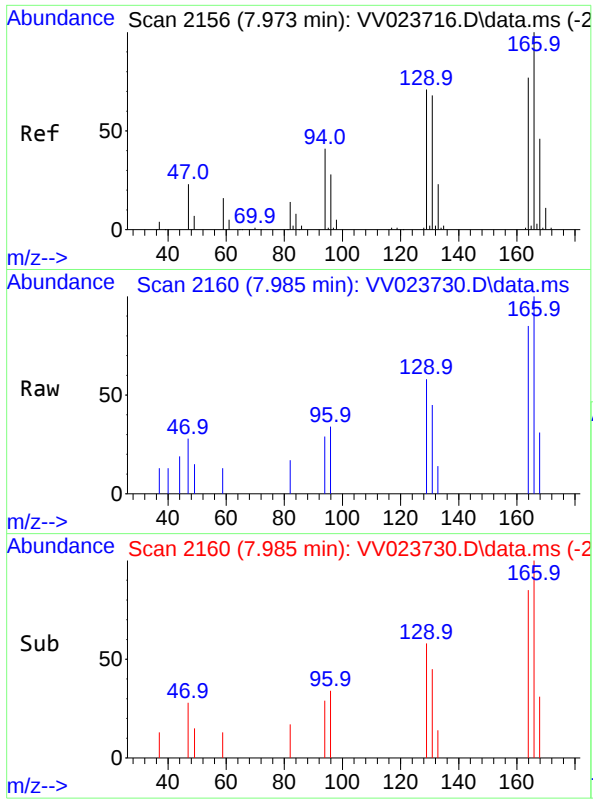
Reviewed By :John Carlone 11/29/2021
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#34
Trichloroethene
Concen: 4.294 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV023730.D
Acq: 26 Nov 2021 16:58

Tgt Ion: 95 Resp: 41161
Ion Ratio Lower Upper
95 100
97 63.3 45.2 84.0
132 98.3 76.1 141.3
130 108.3 75.4 140.0





#47
 Tetrachloroethene
 Concen: 0.140 ug/L
 RT: 7.985 min Scan# 2160
 Delta R.T. 0.013 min
 Lab File: VV023730.D
 Acq: 26 Nov 2021 16:58

Tgt Ion	Ratio	Lower	Upper
164	100		
129	68.0	62.6	116.2
131	53.1	61.0	113.4
166	117.8	87.3	162.1

Instrument : MSVOA_V
 ClientSampleId : H4665DL

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