

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024009.D
 Acq On : 16 Dec 2021 13:40
 Operator : SY/MD
 Sample : M5090-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3C3

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/17/2021
 Supervised By : Mahesh Dadoda 12/22/2021

Quant Time: Dec 17 02:00:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	93730	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	99265	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	48257	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	22267	4.419	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.400%	
7) Chloroethane-d5	1.568	69	16772	3.989	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.800%	
11) 1,1-Dichloroethene-d2	2.108	63	24168	2.457	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	49.200%#	
20) 2-Butanone-d5	3.892	46	79320	80.574	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	161.140%#	
24) Chloroform-d	4.352	84	51430	4.506	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.200%	
26) 1,2-Dichloroethane-d4	5.037	65	25961	4.885	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.800%	
32) Benzene-d6	5.053	84	76541	3.893	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.800%	
36) 1,2-Dichloropropane-d6	6.072	67	26880	4.532	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.600%	
41) Toluene-d8	7.317	98	56863	3.212	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	64.200%#	
43) trans-1,3-Dichloroprop...	7.629	79	9481	3.853	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.000%	
46) 2-Hexanone-d5	8.088	63	52435	47.599	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.200%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23604	4.797	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	29232	4.535	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.600%	
Target Compounds						
3) Chloromethane	1.243	50	533	0.076	ug/L	84
5) Vinyl chloride	1.310	62	906279	119.873	ug/L	100
12) 1,1-Dichloroethene	2.118	96	3452	0.549	ug/L #	1
13) Acetone	2.191	43	6661m	8.457	ug/L	
18) trans-1,2-Dichloroethene	2.761	96	176787	25.396	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	1845846	250.498	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	6406	0.483	ug/L	94

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

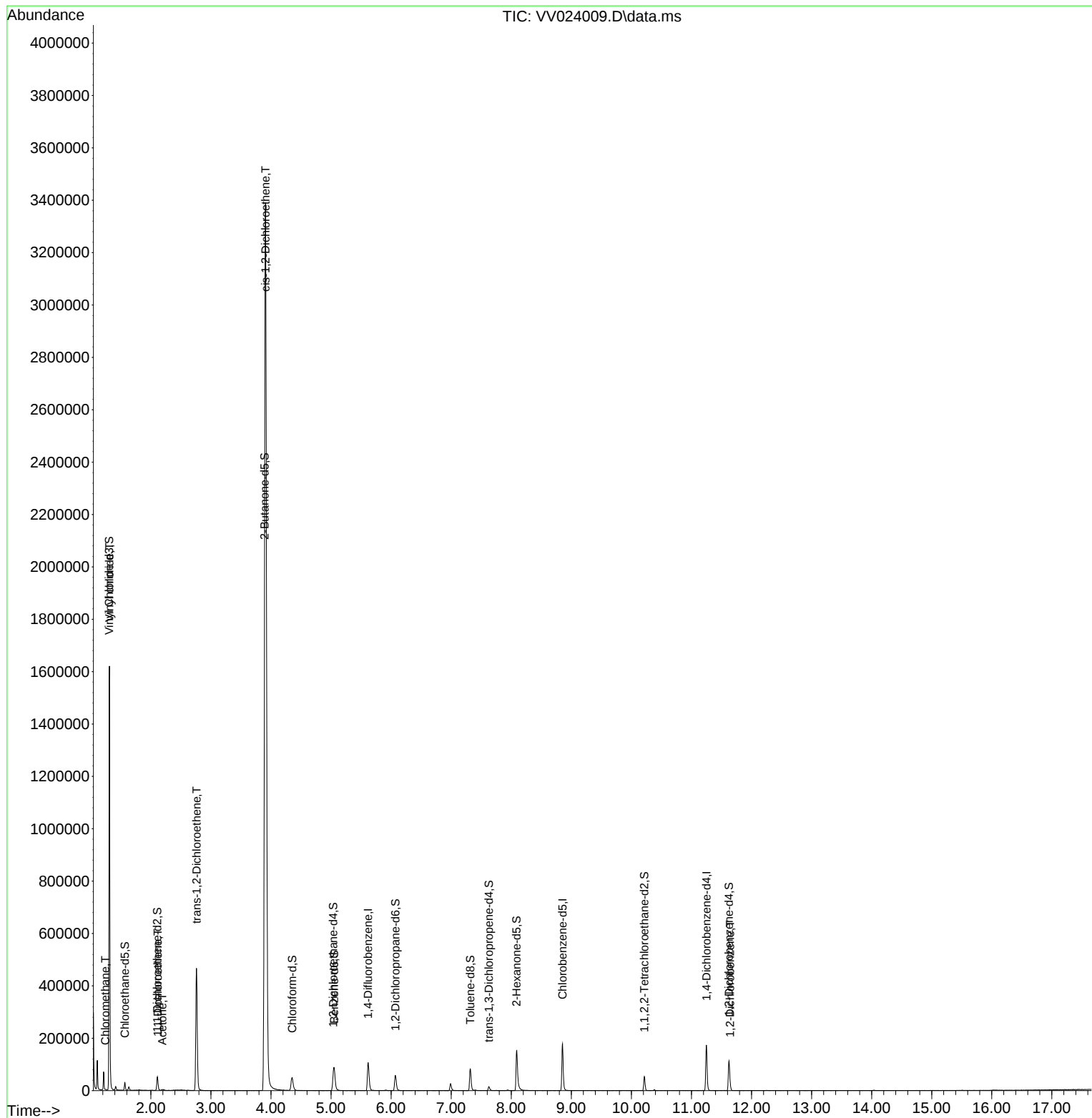
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121621\
Data File : VV024009.D
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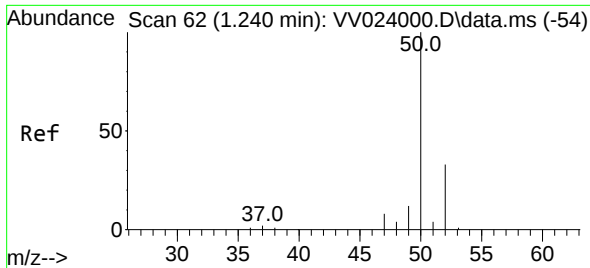
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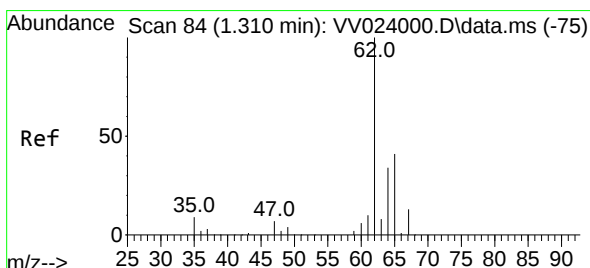
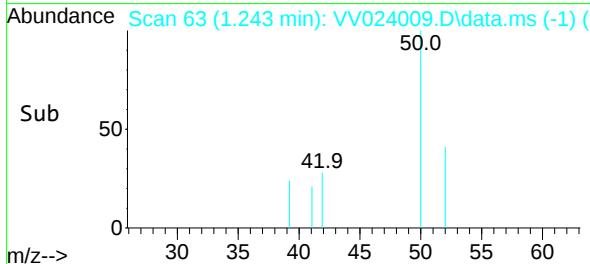
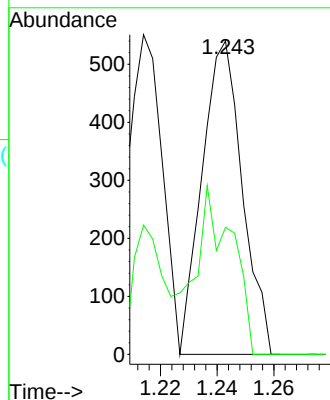
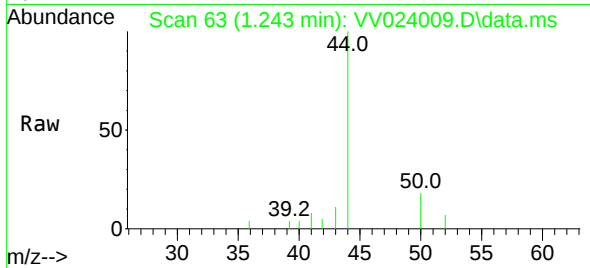
#3
Chloromethane
Concen: 0.076 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV024009.D
Acq: 16 Dec 2021 13:40

Instrument :
MSVOA_V
ClientSampleId :
BG3C3

Tgt Ion: 50 Resp: 53
Ion Ratio Lower Upper
50 100
52 40.6 22.0 41.0

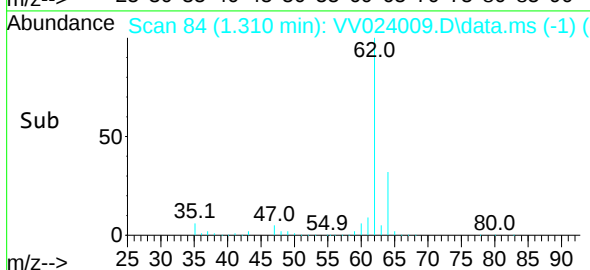
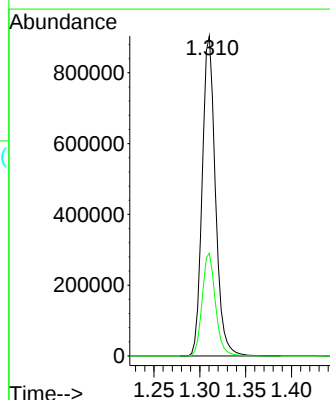
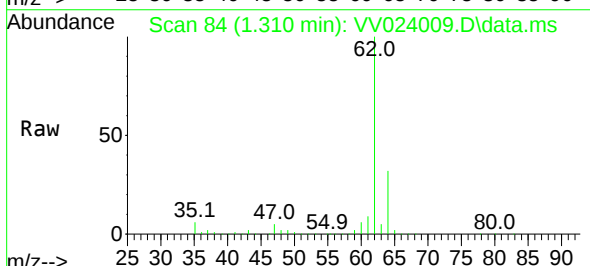
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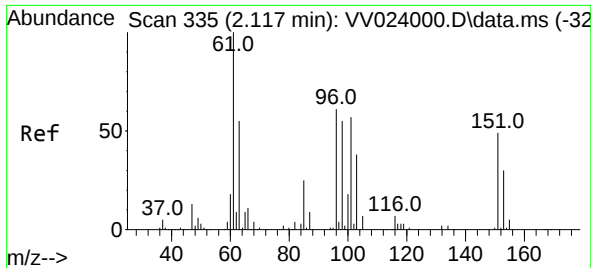
Reviewed By :John Carlone 12/17/2021
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#5
Vinyl chloride
Concen: 119.873 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV024009.D
Acq: 16 Dec 2021 13:40

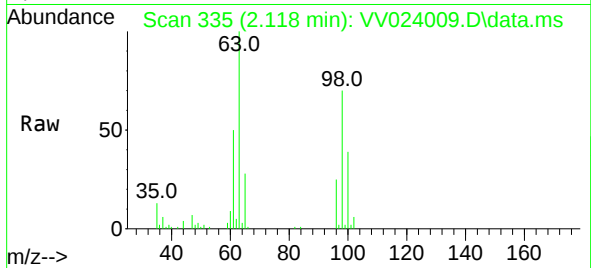
Tgt Ion: 62 Resp: 906279
Ion Ratio Lower Upper
62 100
64 32.1 22.4 41.6





#12
1,1-Dichloroethene
Concen: 0.549 ug/L
RT: 2.118 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV024009.D
Acq: 16 Dec 2021 13:40

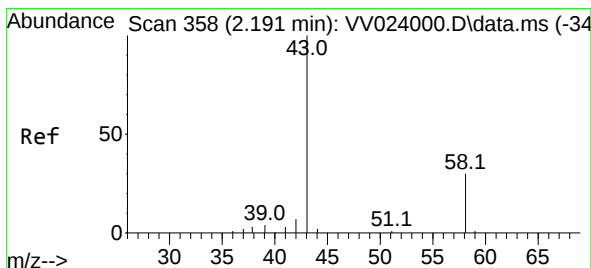
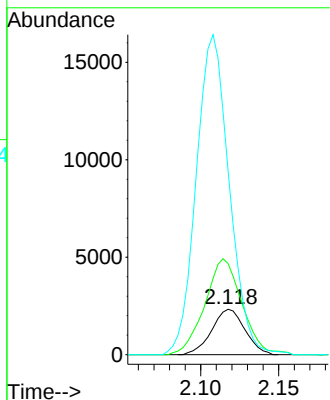
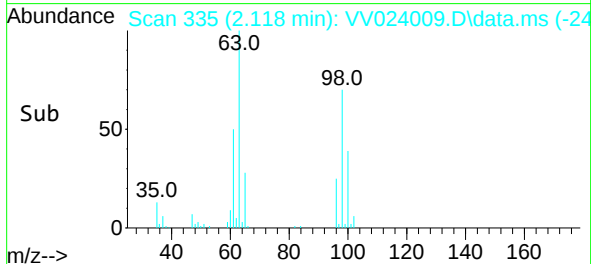
Instrument :
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ClientSampleId :
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Tgt Ion: 96 Resp: 3452
Ion Ratio Lower Upper
96 100
61 200.5 116.1 215.5
63 403.7 79.4 147.4

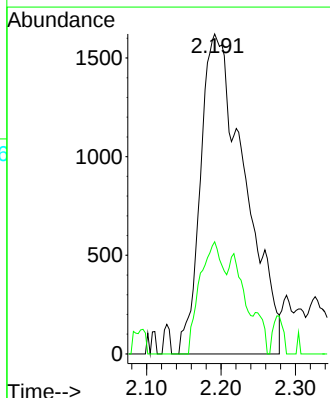
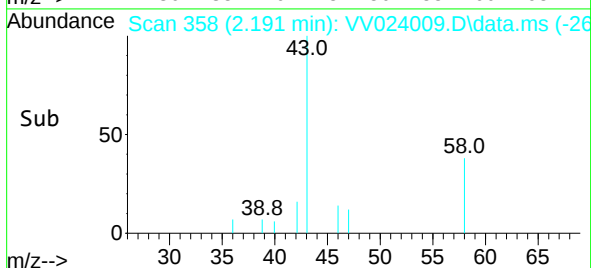
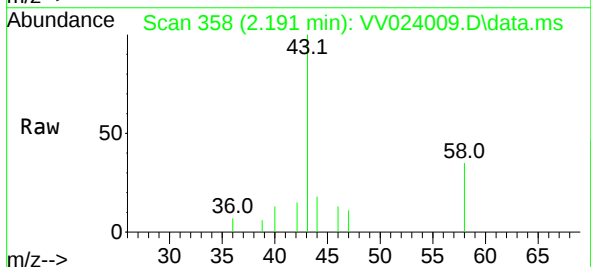
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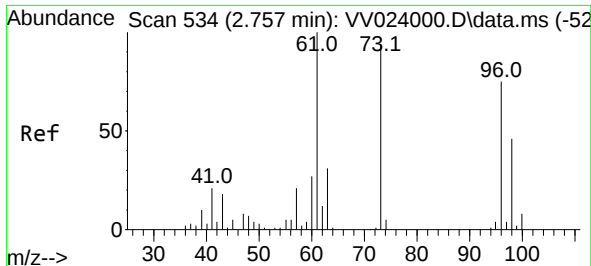
Reviewed By :John Carlone 12/17/2021
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#13
Acetone
Concen: 8.457 ug/L m
RT: 2.191 min Scan# 358
Delta R.T. -0.006 min
Lab File: VV024009.D
Acq: 16 Dec 2021 13:40

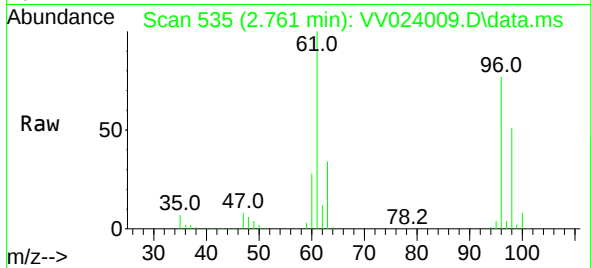
Tgt Ion: 43 Resp: 6661
Ion Ratio Lower Upper
43 100
58 19.1 0.0 41.4





#18
trans-1,2-Dichloroethene
Concen: 25.396 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV024009.D
Acq: 16 Dec 2021 13:40

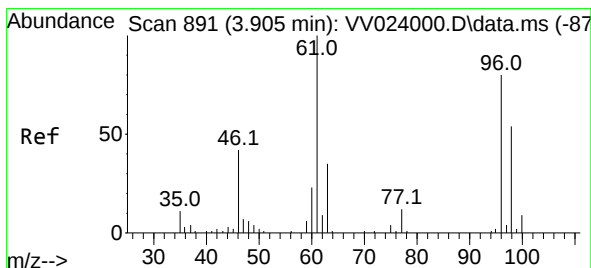
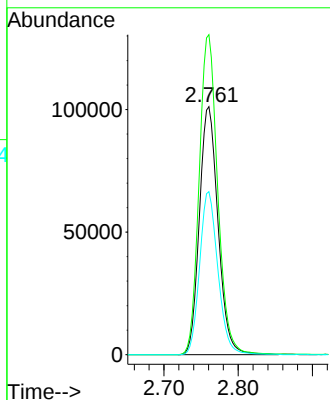
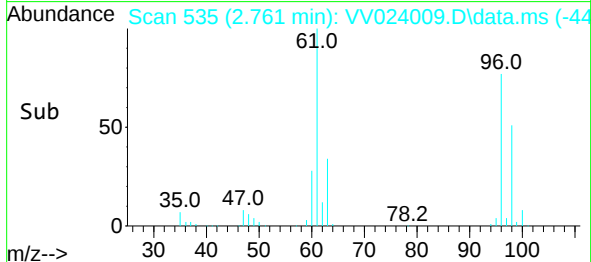
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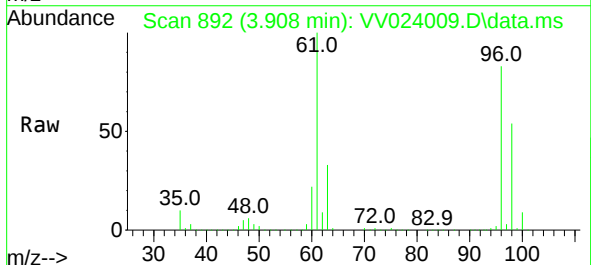
Tgt Ion: 96 Resp: 17678
Ion Ratio Lower Upper
96 100
61 129.0 88.2 163.8
98 65.7 44.9 83.5

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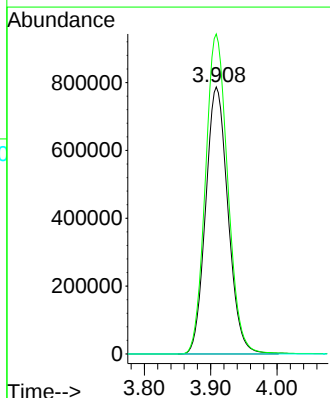
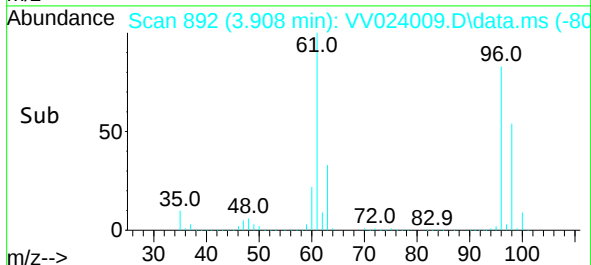
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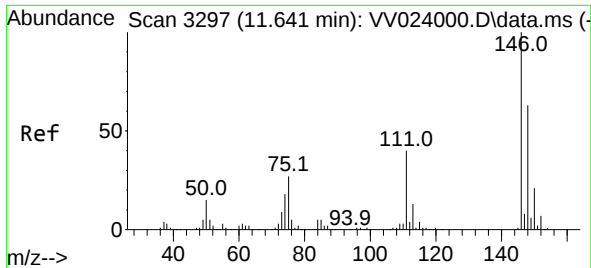


#22
cis-1,2-Dichloroethene
Concen: 250.498 ug/L
RT: 3.908 min Scan# 892
Delta R.T. -0.003 min
Lab File: VV024009.D
Acq: 16 Dec 2021 13:40



Tgt Ion: 96 Resp: 1845846
Ion Ratio Lower Upper
96 100
61 119.8 83.4 154.8
68 0.0 0.0 0.0





#67

1,2-Dichlorobenzene

Concen: 0.483 ug/L

RT: 11.644 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV024009.D

Acq: 16 Dec 2021 13:40

Instrument :

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Tgt Ion:146 Resp: 6400

Ion Ratio Lower Upper

146 100

111 45.5 31.9 47.9

148 66.2 50.5 75.7

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