

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101821\
 Data File : VW022896.D
 Acq On : 19 Oct 2021 03:29
 Operator : SY/MD
 Sample : M4137-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGC9

Manual Integrations
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Quant Time: Oct 19 04:09:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 19 04:07:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123071	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	123918	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	57441	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	33374	3.94	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.80%	
7) Chloroethane-d5	1.568	69	31839	4.18	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.60%	
11) 1,1-Dichloroethene-d2	2.108	63	48304	2.91	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	58.20%#	
20) 2-Butanone-d5	3.889	46	116566	52.50	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.00%	
24) Chloroform-d	4.352	84	95702	5.48	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.60%	
26) 1,2-Dichloroethane-d4	5.034	65	43998	5.20	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.00%	
32) Benzene-d6	5.053	84	179390	4.86	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.20%	
36) 1,2-Dichloropropane-d6	6.072	67	57712	5.28	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.60%	
41) Toluene-d8	7.317	98	150431	4.72	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.40%	
43) trans-1,3-Dichloroprop...	7.625	79	16662	4.60	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.00%	
46) 2-Hexanone-d5	8.088	63	89516	61.29	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	122.58%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43217	5.84	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	116.80%	
66) 1,2-Dichlorobenzene-d4	11.625	152	62590	5.88	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	117.60%	
Target Compounds					Qvalue	
13) Acetone	2.182	43	23533m	19.01	ug/L	
14) Carbon disulfide	2.297	76	2033	0.10	ug/L #	75
17) Methyl tert-butyl Ether	2.773	73	2723	0.15	ug/L #	77
22) cis-1,2-Dichloroethene	3.915	96	42731	5.03	ug/L	97
42) Toluene	7.400	91	10999	0.32	ug/L	96
47) Tetrachloroethene	7.982	164	1709	0.23	ug/L	94
64) 1,3-Dichlorobenzene	11.185	146	1631	0.11	ug/L	94
65) 1,4-Dichlorobenzene	11.278	146	1738	0.11	ug/L	84
67) 1,2-Dichlorobenzene	11.644	146	1883	0.13	ug/L #	93

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

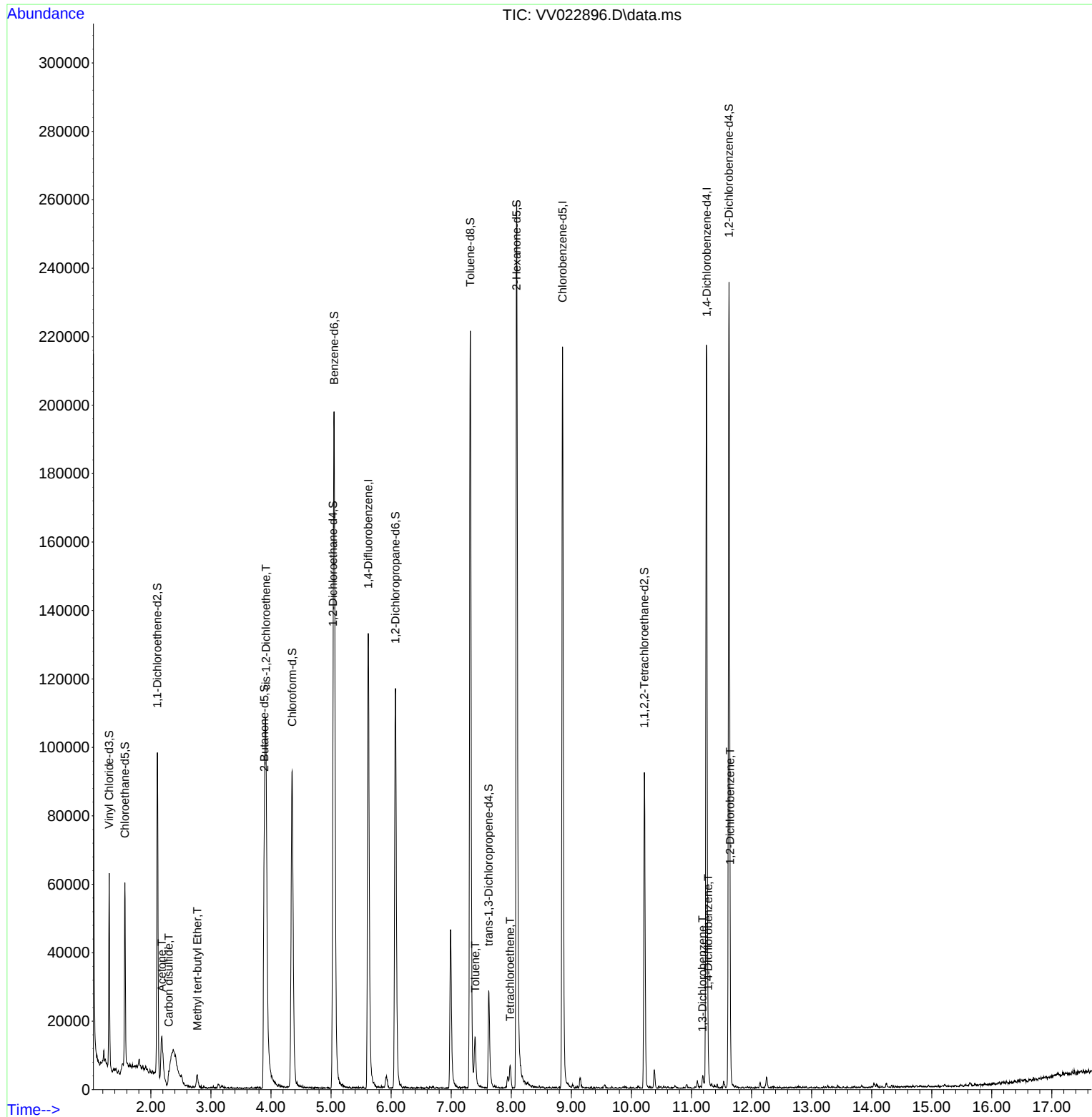
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101821\
Data File : VV022896.D
Acq On : 19 Oct 2021 03:29
Operator : SY/MD
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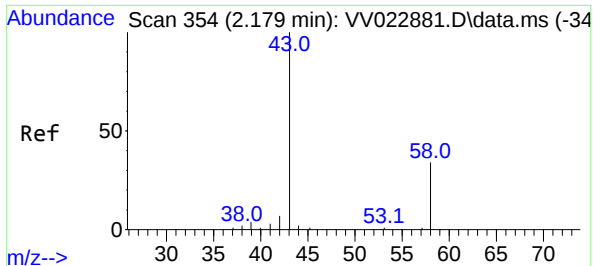
Instrument :
MSVOA_V
ClientSampleId :
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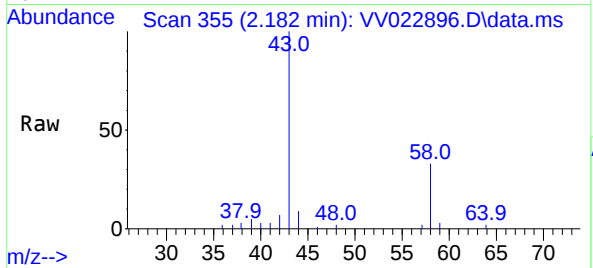
Quant Time: Oct 19 04:09:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 19 04:07:06 2021
Response via : Initial Calibration





#13
Acetone
Concen: 19.01 ug/L m
RT: 2.182 min Scan# 355
Delta R.T. 0.003 min
Lab File: VV022896.D
Acq: 19 Oct 2021 03:29

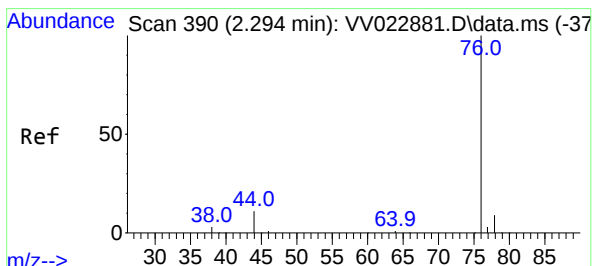
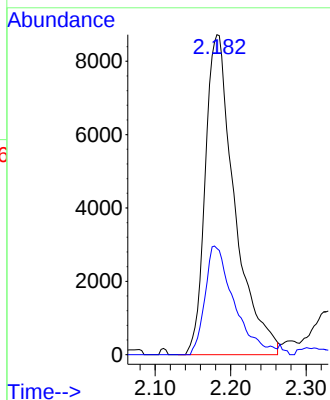
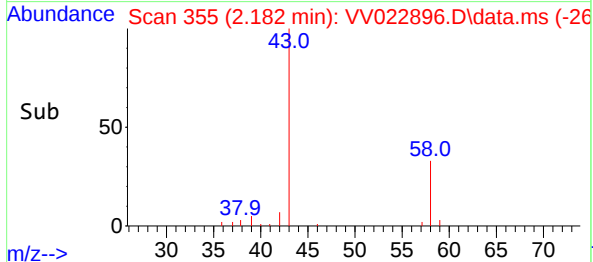
Instrument :
MSVOA_V
ClientSampled :
BFGC9



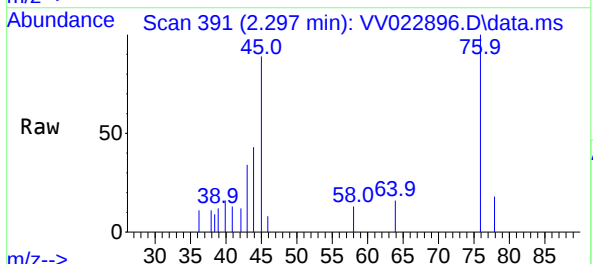
Tgt Ion: 43 Resp: 23533
Ion Ratio Lower Upper
43 100
58 1.4 0.0 24.2

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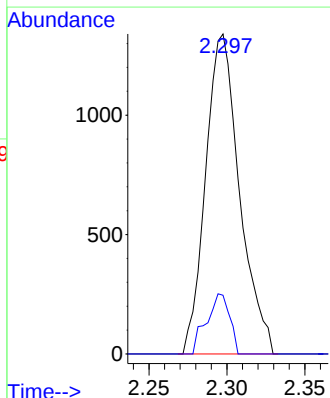
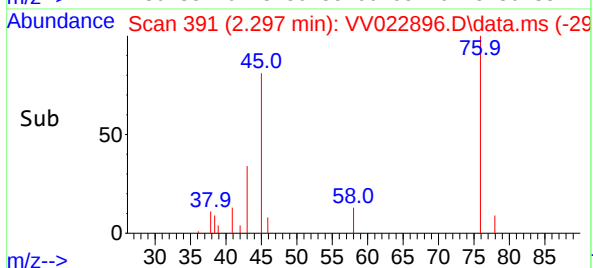
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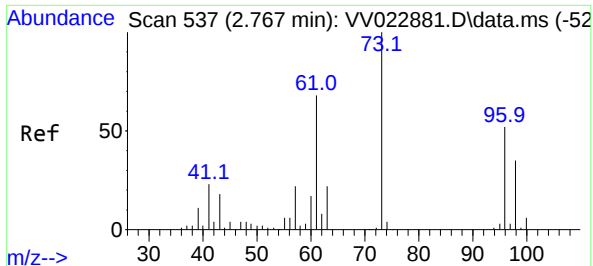


#14
Carbon disulfide
Concen: 0.10 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV022896.D
Acq: 19 Oct 2021 03:29

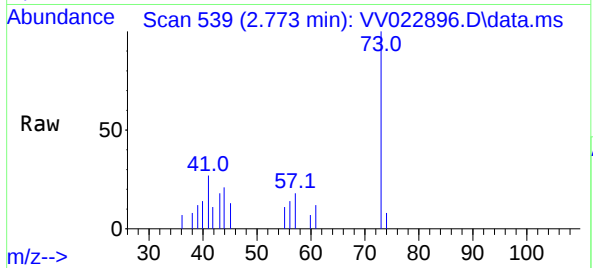


Tgt Ion: 76 Resp: 2033
Ion Ratio Lower Upper
76 100
78 18.4 7.4 11.0#

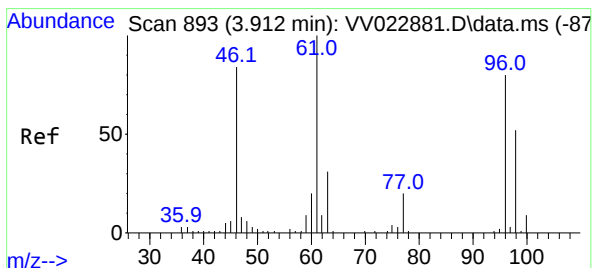
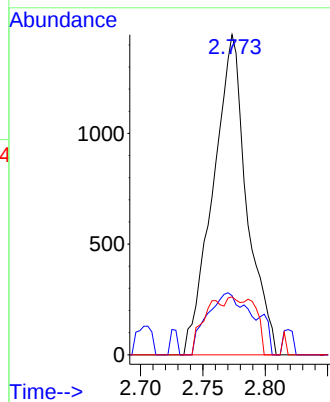
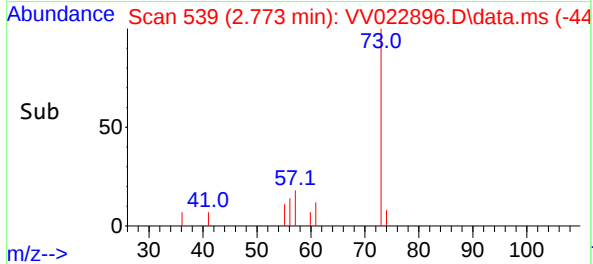




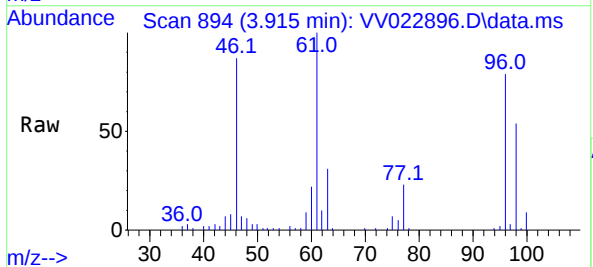
#17
Methyl tert-butyl Ether
Concen: 0.15 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV022896.D
Acq: 19 Oct 2021 03:29



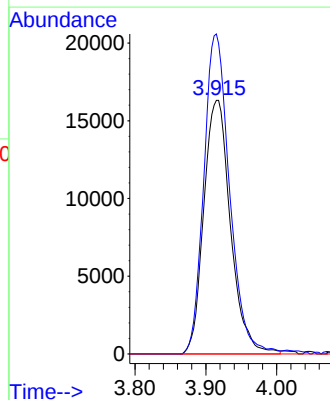
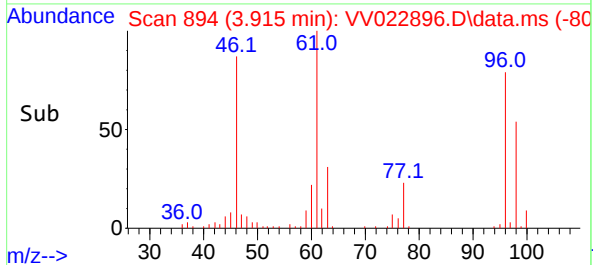
Tgt Ion: 73 Resp: 2723
Ion Ratio Lower Upper
73 100
43 23.3 17.1 25.7
57 1.7 17.2 25.8#



#22
cis-1,2-Dichloroethene
Concen: 5.03 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV022896.D
Acq: 19 Oct 2021 03:29



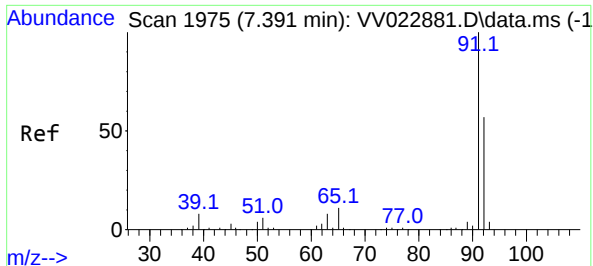
Tgt Ion: 96 Resp: 42731
Ion Ratio Lower Upper
96 100
61 126.2 86.0 159.6
68 0.0 0.0 0.0



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#42

Toluene

Concen: 0.32 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.010 min

Lab File: VV022896.D

Acq: 19 Oct 2021 03:29

Tgt Ion: 91 Resp: 10999

Ion Ratio Lower Upper

91 100

92 55.5 40.7 75.7

Instrument :

MSVOA_V

ClientSampled :

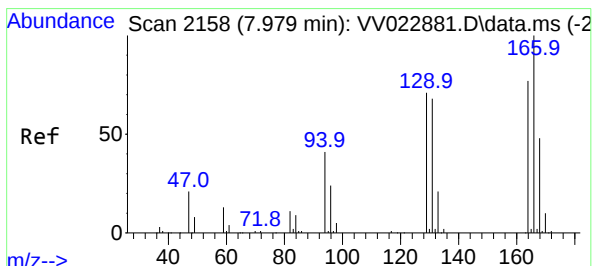
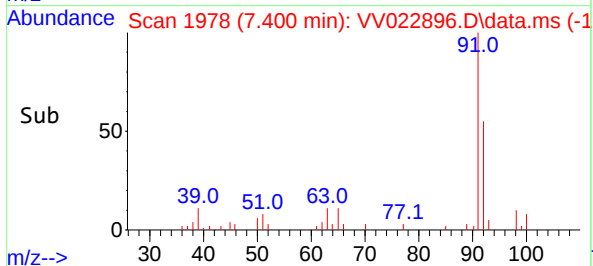
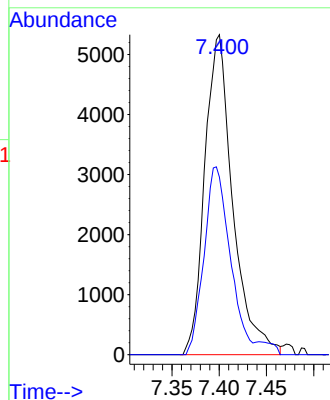
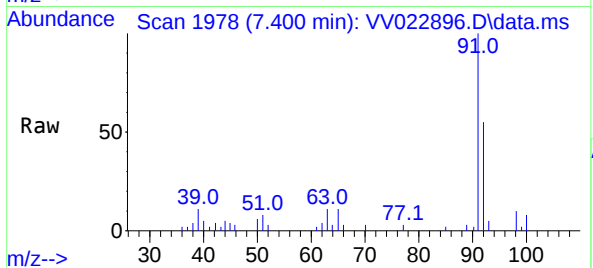
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#47

Tetrachloroethene

Concen: 0.23 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.003 min

Lab File: VV022896.D

Acq: 19 Oct 2021 03:29

Tgt Ion:164 Resp: 1709

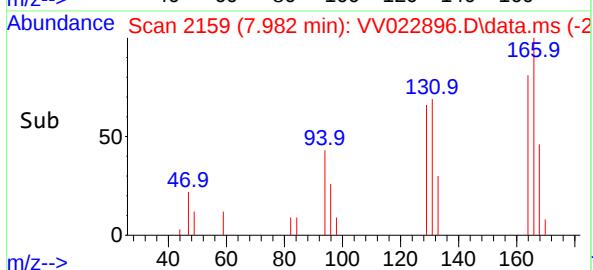
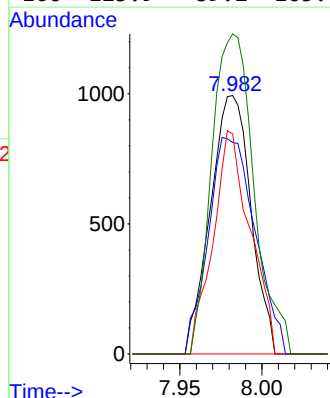
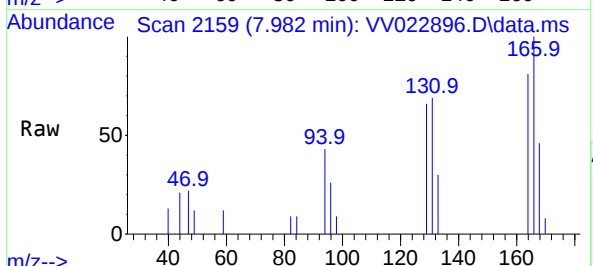
Ion Ratio Lower Upper

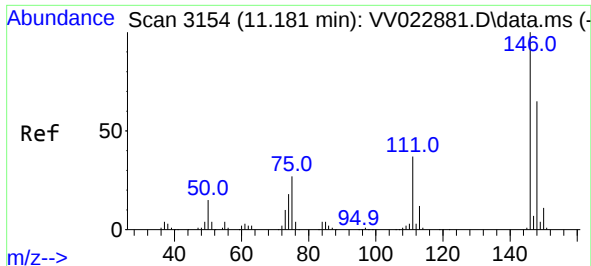
164 100

129 81.9 65.0 120.6

131 85.2 62.2 115.4

166 123.9 89.2 165.8





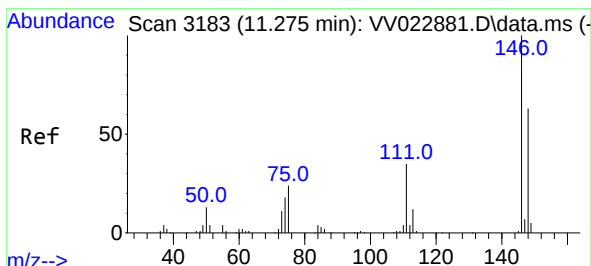
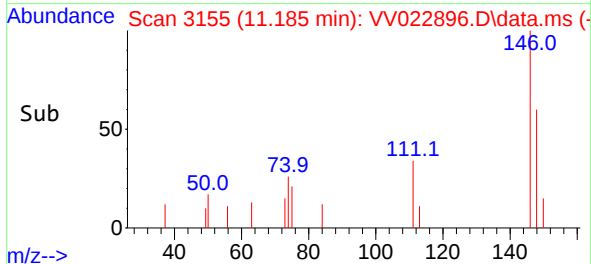
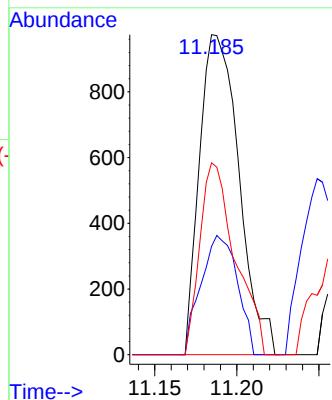
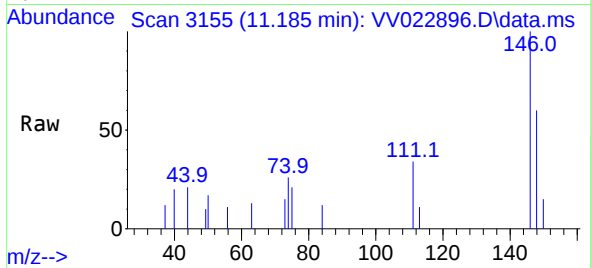
#64
1,3-Dichlorobenzene
Concen: 0.11 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.003 min
Lab File: VV022896.D
Acq: 19 Oct 2021 03:29

Tgt Ion:146 Resp: 1631
Ion Ratio Lower Upper
146 100
111 33.9 26.7 49.5
148 60.0 45.1 83.9

Instrument :
MSVOA_V
ClientSampled :
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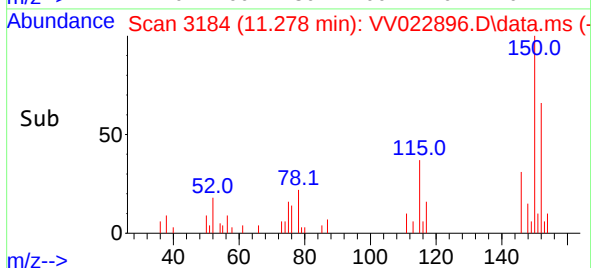
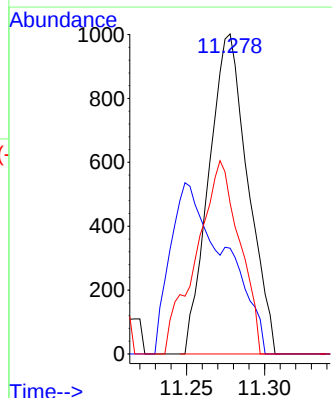
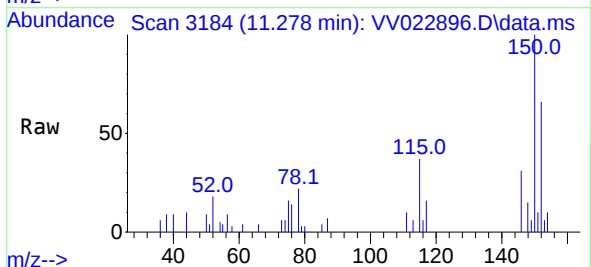
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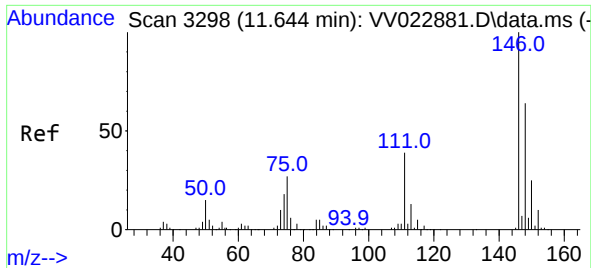
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#65
1,4-Dichlorobenzene
Concen: 0.11 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.003 min
Lab File: VV022896.D
Acq: 19 Oct 2021 03:29

Tgt Ion:146 Resp: 1738
Ion Ratio Lower Upper
146 100
111 33.0 25.6 47.4
148 47.1 44.9 83.5





#67
1,2-Dichlorobenzene
Concen: 0.13 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022896.D
Acq: 19 Oct 2021 03:29

Tgt Ion:	146	Resp:	1883
Ion	Ratio	Lower	Upper
146	100		
111	49.0	32.3	48.5#
148	67.4	52.1	78.1

Instrument :
MSVOA_V
ClientSampled :
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