

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121721\
 Data File : VW024058.D
 Acq On : 17 Dec 2021 12:41
 Operator : SY/MD
 Sample : M5090-11DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3C3DL

Quant Time: Dec 18 02:37:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 18 01:42:59 2021
 Response via : Initial Calibration

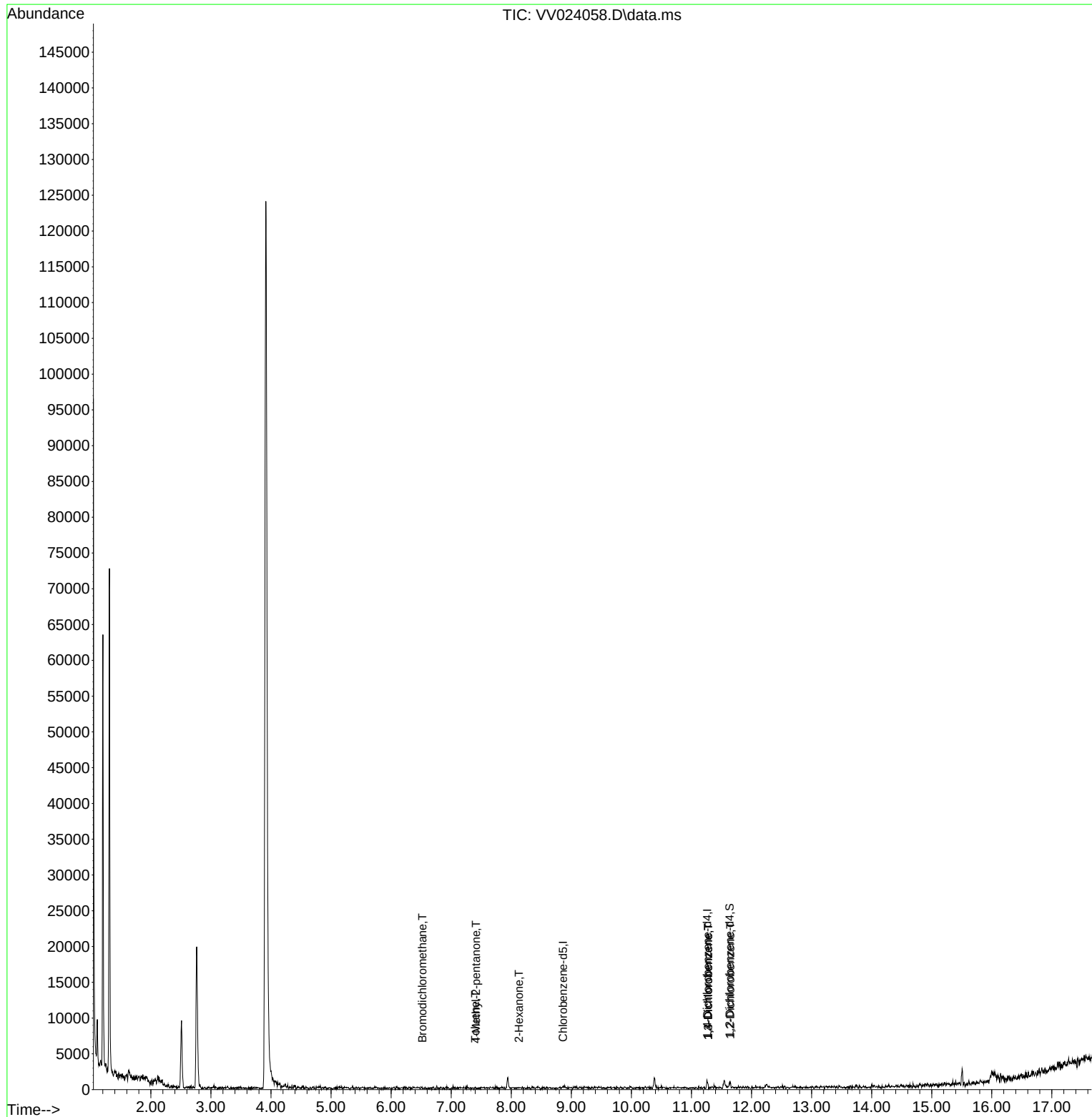
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	0.000	114	0	0.000	ug/L	-5.62
28) Chlorobenzene-d5	8.860	117	67	5.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	11.265	152	313	5.000	ug/L	0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.259	65	23	0.000	ug/L	-0.04
Spiked Amount	5.000	Range 40 - 130	Recovery	=	0.000%#	
7) Chloroethane-d5	1.481	69	20	0.000	ug/L	-0.08
Spiked Amount	5.000	Range 65 - 130	Recovery	=	0.000%#	
11) 1,1-Dichloroethene-d2	2.114	63	224	0.000	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	0.000%#	
20) 2-Butanone-d5	0.000	46	0	0.000	ug/L	
Spiked Amount	50.000	Range 40 - 130	Recovery	=	0.000%#	
24) Chloroform-d	0.000	84	0	0.000	ug/L	
Spiked Amount	5.000	Range 70 - 125	Recovery	=	0.000%#	
26) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/L	
Spiked Amount	5.000	Range 70 - 130	Recovery	=	0.000%#	
32) Benzene-d6	0.000	84	0	0.000	ug/L	
Spiked Amount	5.000	Range 70 - 125	Recovery	=	0.000%#	
36) 1,2-Dichloropropane-d6	0.000	67	0	0.000	ug/L	
Spiked Amount	5.000	Range 60 - 140	Recovery	=	0.000%#	
41) Toluene-d8	0.000	98	0	0.000	ug/L	
Spiked Amount	5.000	Range 70 - 130	Recovery	=	0.000%#	
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount	5.000	Range 55 - 130	Recovery	=	0.000%#	
46) 2-Hexanone-d5	0.000	63	0	0.000	ug/L	
Spiked Amount	50.000	Range 45 - 130	Recovery	=	0.000%#	
56) 1,1,2,2-Tetrachloroeth...	0.000	84	0	0.000	ug/L	
Spiked Amount	5.000	Range 65 - 120	Recovery	=	0.000%#	
66) 1,2-Dichlorobenzene-d4	11.635	152	204	4.879	ug/L	0.01
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.600%	
Target Compounds						
					Qvalue	
38) Bromodichloromethane	6.519	83	20	3.134	ug/L #	27
40) 4-Methyl-2-pentanone	7.413	43	20	9.242	ug/L #	43
42) Toluene	7.403	91	24	1.125	ug/L #	21
48) 2-Hexanone	8.127	43	21	13.383	ug/L #	1
64) 1,3-Dichlorobenzene	11.278	146	76	0.809	ug/L #	26
65) 1,4-Dichlorobenzene	11.278	146	76	0.805	ug/L #	25
67) 1,2-Dichlorobenzene	11.648	146	241	2.799	ug/L #	74

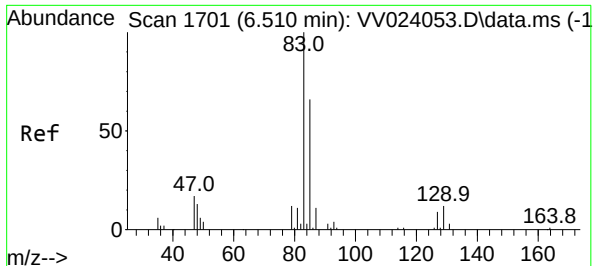
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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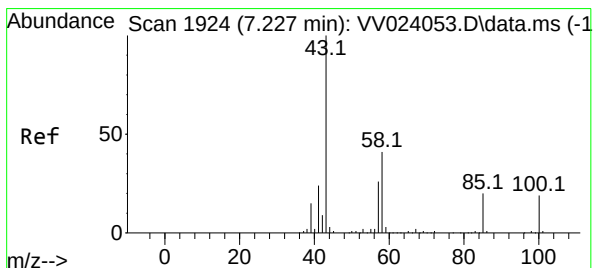
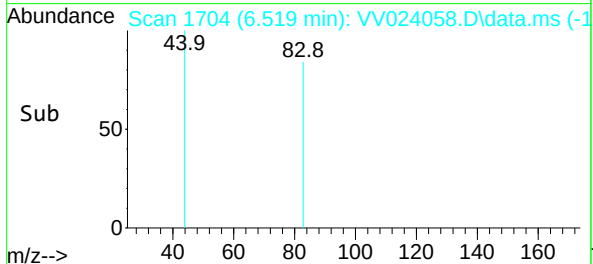
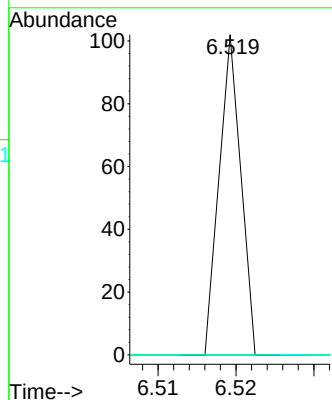
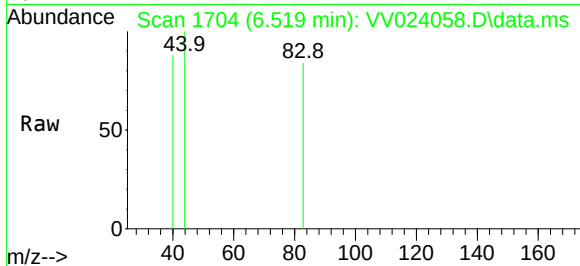




#38
Bromodichloromethane
Concen: 3.134 ug/L
RT: 6.519 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV024058.D
Acq: 17 Dec 2021 12:41

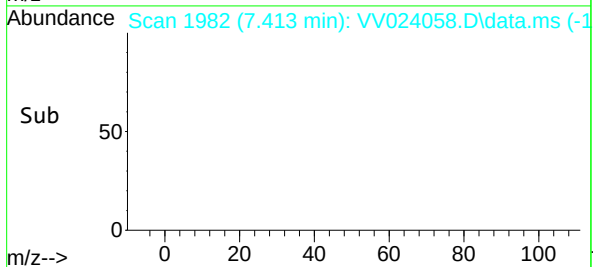
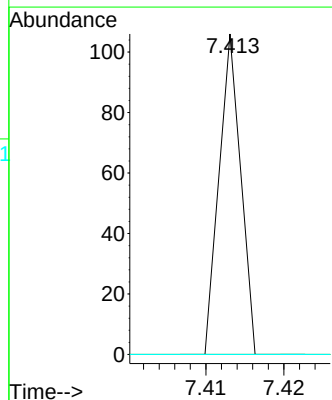
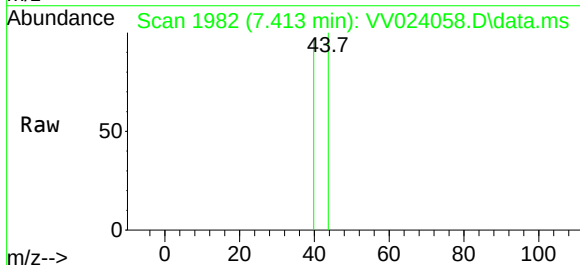
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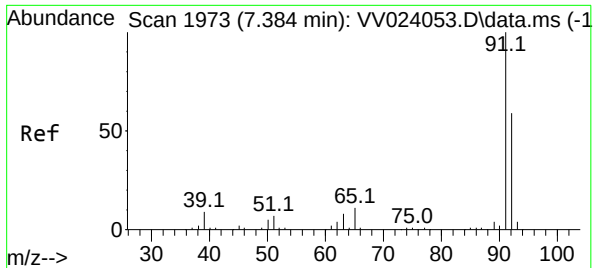
Tgt Ion: 83 Resp: 20
Ion Ratio Lower Upper
83 100
85 0.0 44.0 81.8#
127 0.0 8.6 12.8#



#40
4-Methyl-2-pentanone
Concen: 9.242 ug/L
RT: 7.413 min Scan# 1982
Delta R.T. 0.187 min
Lab File: VV024058.D
Acq: 17 Dec 2021 12:41

Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
58 0.0 32.3 48.5#
100 0.0 13.0 19.6#





#42

Toluene

Concen: 1.125 ug/L

RT: 7.403 min Scan# 1973

Delta R.T. 0.019 min

Lab File: VV024058.D

Acq: 17 Dec 2021 12:41

Instrument :

MSVOA_V

ClientSampleId :

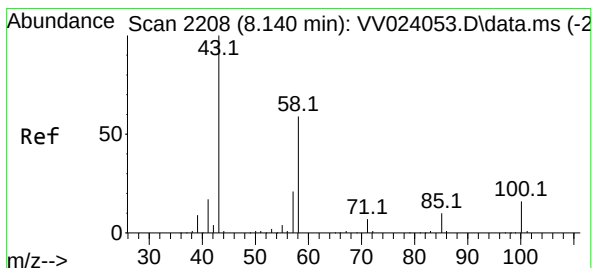
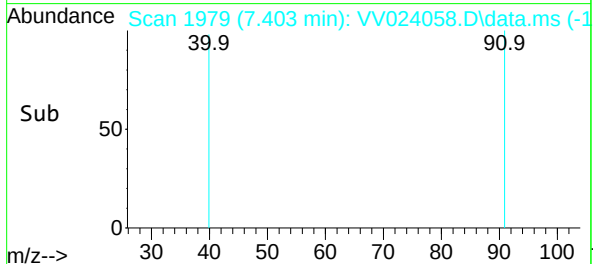
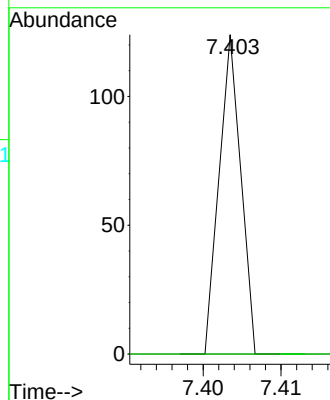
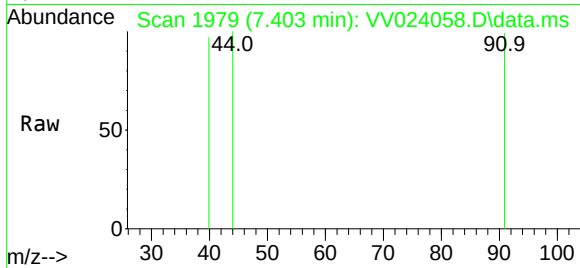
BG3C3DL

Tgt Ion: 91 Resp: 24

Ion Ratio Lower Upper

91 100

92 0.0 41.5 77.1#



#48

2-Hexanone

Concen: 13.383 ug/L

RT: 8.127 min Scan# 2204

Delta R.T. -0.013 min

Lab File: VV024058.D

Acq: 17 Dec 2021 12:41

Tgt Ion: 43 Resp: 21

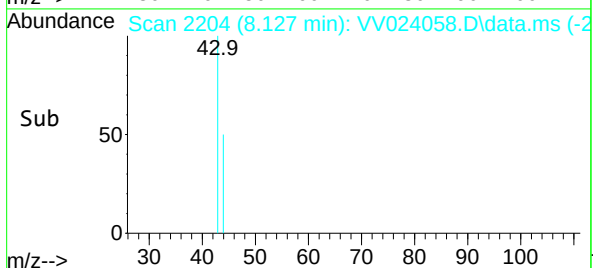
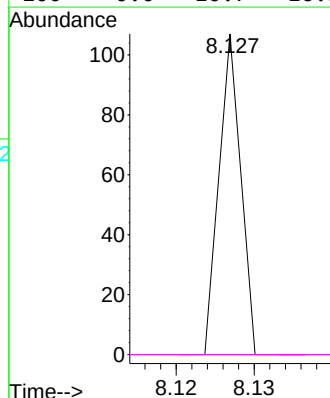
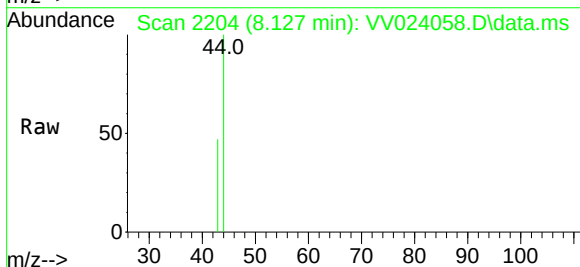
Ion Ratio Lower Upper

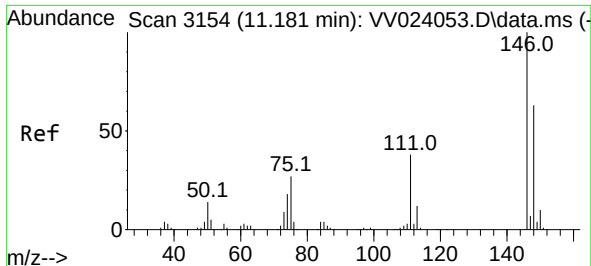
43 100

58 223.8 44.5 66.7#

57 0.0 15.1 22.7#

100 0.0 10.7 16.1#

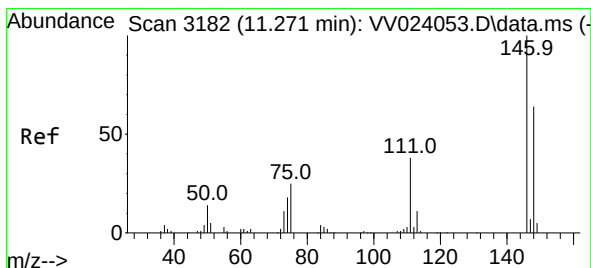
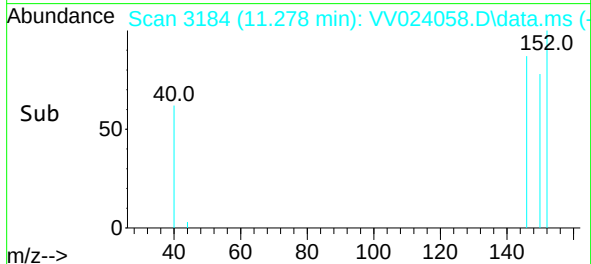
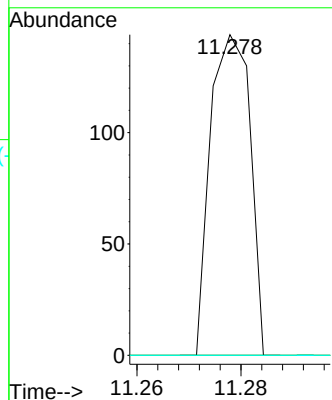
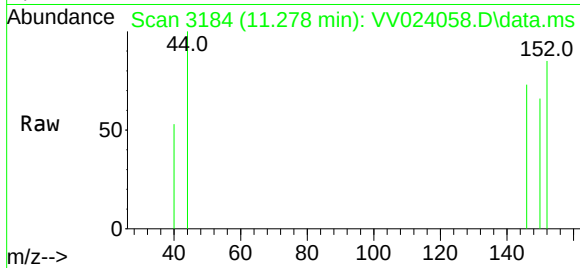




#64
1,3-Dichlorobenzene
Concen: 0.809 ug/L
RT: 11.278 min Scan# 3154
Delta R.T. 0.097 min
Lab File: VV024058.D
Acq: 17 Dec 2021 12:41

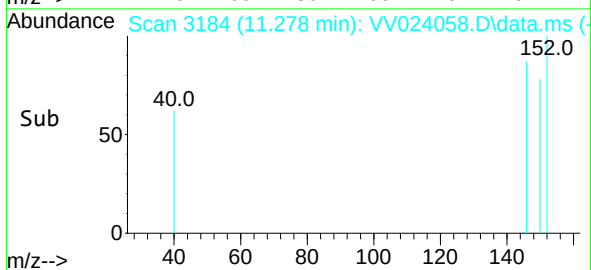
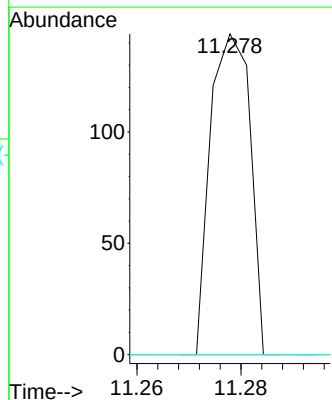
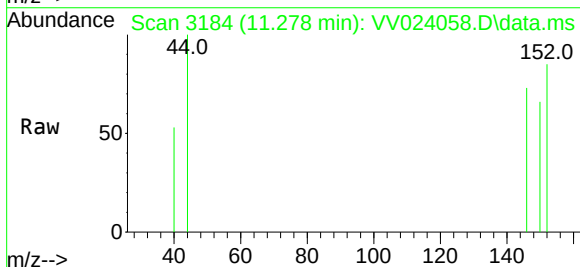
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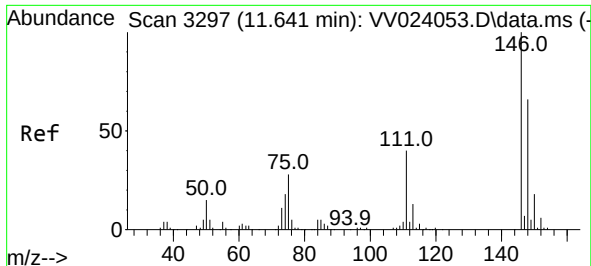
Tgt Ion:146 Resp: 76
Ion Ratio Lower Upper
146 100
111 0.0 26.3 48.9#
148 0.0 44.4 82.5#



#65
1,4-Dichlorobenzene
Concen: 0.805 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.007 min
Lab File: VV024058.D
Acq: 17 Dec 2021 12:41

Tgt Ion:146 Resp: 76
Ion Ratio Lower Upper
146 100
111 0.0 25.6 47.6#
148 0.0 44.8 83.2#





#67

1,2-Dichlorobenzene

Concen: 2.799 ug/L

RT: 11.648 min Scan# 31

Delta R.T. 0.007 min

Lab File: VV024058.D

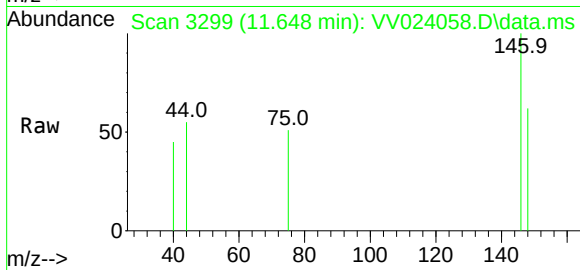
Acq: 17 Dec 2021 12:41

Instrument :

MSVOA_V

ClientSampleId :

BG3C3DL



Tgt Ion:146 Resp: 241

Ion Ratio Lower Upper

146 100

111 0.0 31.9 47.9#

148 61.9 50.5 75.7

